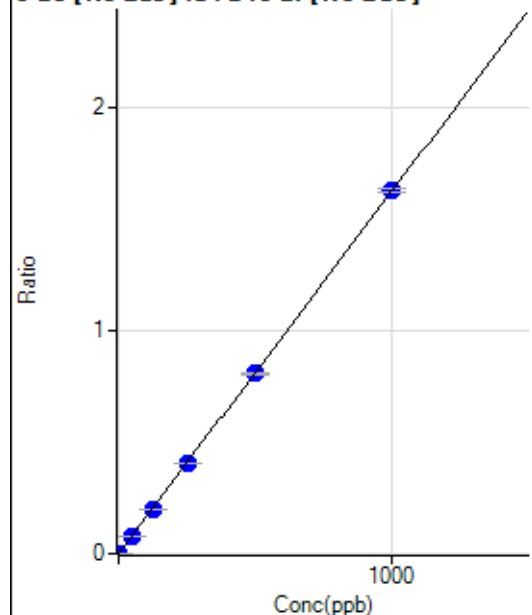


Batch Folder: D:\ICP-MS Data\P7080917.b\  
Analysis File: P7080917.batch.bin  
DA Date-Time: 2017-08-10 08:29:50  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2017-08-09 16:01:42 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2017-08-09 16:09:38 |
| 4     | 006CALS.d          | S03         | 2017-08-09 16:13:23 |
| 5     | 007CALS.d          | S04         | 2017-08-09 16:17:19 |
| 6     | 008CALS.d          | S05         | 2017-08-09 16:20:57 |
| 7     | 009CALS.d          | S06         | 2017-08-09 16:24:31 |
| 8     | 010CALS.d          | S07         | 2017-08-09 16:28:01 |
| 9     | 011CALS.d          | S08         | 2017-08-09 16:31:28 |

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 116.67     | 0.0001 | P   | 21.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.969      | 3131.90    | 0.0016 | P   | 7.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.342     | 155149.39  | 0.0801 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 124.004    | 382090.22  | 0.2011 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 247.646    | 770092.20  | 0.4016 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 496.838    | 1516495.14 | 0.8057 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.327   | 2990472.32 | 1.6254 | P   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 383.35     | 0.0002 | P   | 11.1 |

$$y = 0.0016 * x + 6.0804E-005$$

$$R = 1.0000$$

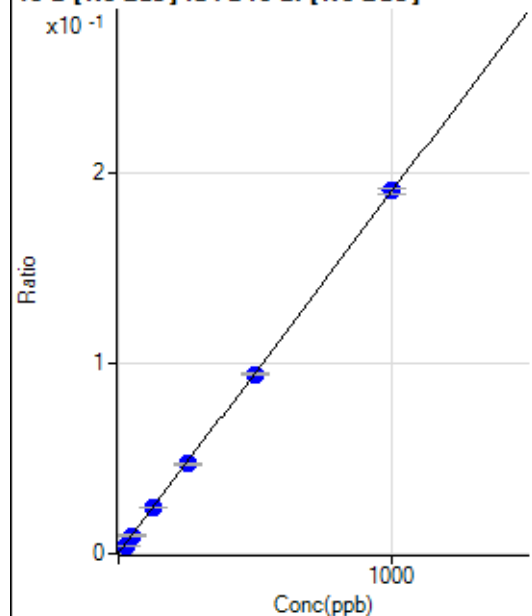
$$DL = 0.02442$$

$$BEC = 0.0375$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 330.57    | 0.0002 | P   | 10.1 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.636     | 8233.14   | 0.0043 | P   | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 49.287     | 18500.89  | 0.0095 | P   | 2.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.082    | 45895.75  | 0.0242 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 247.792    | 90724.58  | 0.0473 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 495.736    | 177843.15 | 0.0945 | P   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.668   | 351296.91 | 0.1909 | P   | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 10281.69  | 0.0059 | P   | 7.0  |

$$y = 1.9026E-004 * x + 1.7242E-004$$

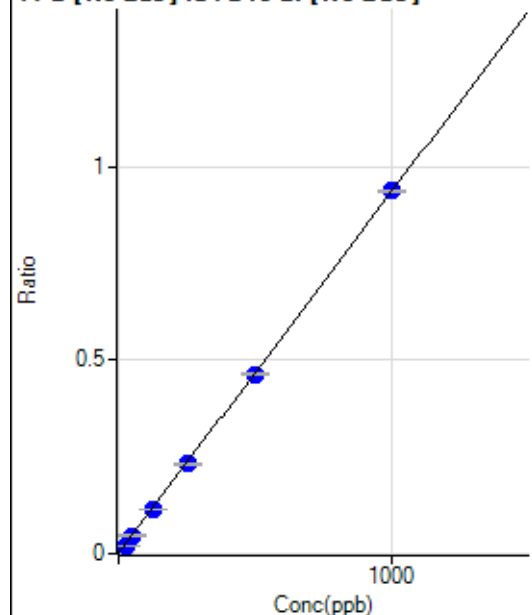
$$R = 1.0000$$

$$DL = 0.2754$$

$$BEC = 0.9062$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1841.85    | 0.0010 | P   | 2.1 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 25.000   | 21.278     | 40023.35   | 0.0208 | P   | 2.1 |
| 4 | <input type="checkbox"/> | 50.000   | 49.303     | 91138.05   | 0.0470 | P   | 3.2 |
| 5 | <input type="checkbox"/> | 125.000  | 122.749    | 219785.04  | 0.1157 | P   | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 247.006    | 444539.27  | 0.2318 | P   | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 496.179    | 874778.02  | 0.4648 | P   | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.068   | 1726835.50 | 0.9386 | P   | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 48737.96   | 0.0280 | P   | 5.2 |

$$y = 9.3474\text{E-}004 * x + 9.6018\text{E-}004$$

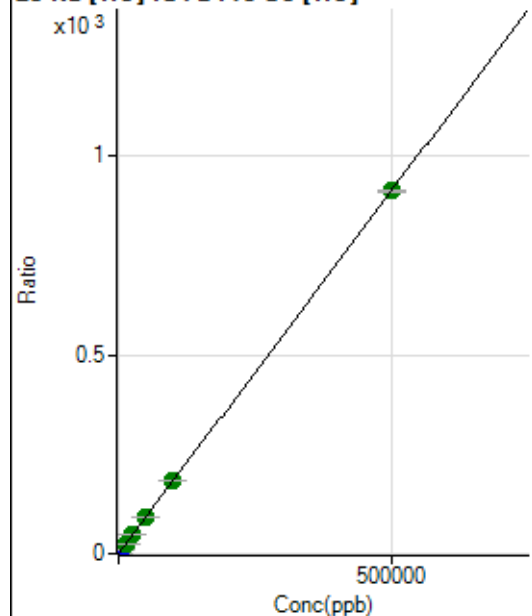
$$R = 1.0000$$

$$DL = 0.06541$$

$$BEC = 1.027$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 39291.23    | 0.1105   | P   | 1.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 480.193    | 352711.56   | 0.9875   | P   | 0.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 5279.578   | 3447817.92  | 9.7526   | P   | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12963.441  | 8408236.56  | 23.7858  | A   | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 26026.813  | 16792341.00 | 47.6436  | A   | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 50752.312  | 32907784.07 | 92.8001  | A   | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 100076.46  | 64692413.94 | 182.8814 | A   | 0.3 |
| 9 | <input type="checkbox"/> | 500000.00 | 499843.77  | 314700090.3 | 912.9818 | A   | 0.5 |

$$y = 0.0018 * x + 0.1105$$

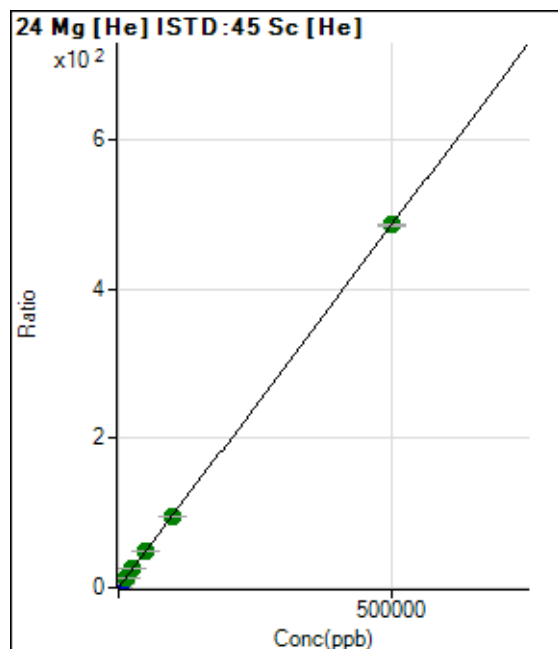
$$R = 1.0000$$

$$DL = 2.108$$

$$BEC = 60.49$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 536.14      | 0.0015   | P    | 8.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 468.885    | 163468.56   | 0.4576   | P    | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 5232.579   | 1800115.93  | 5.0919   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12912.907  | 4441056.00  | 12.5635  | A    | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25731.801  | 8823294.12  | 25.0340  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 50270.537  | 17342436.32 | 48.9058  | A    | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 98630.599  | 33941474.02 | 95.9516  | A    | 0.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 500197.61  | 167730002.3 | 486.6051 | A    | 0.5 |

$$y = 9.7282\text{E-}004 * x + 0.0015$$

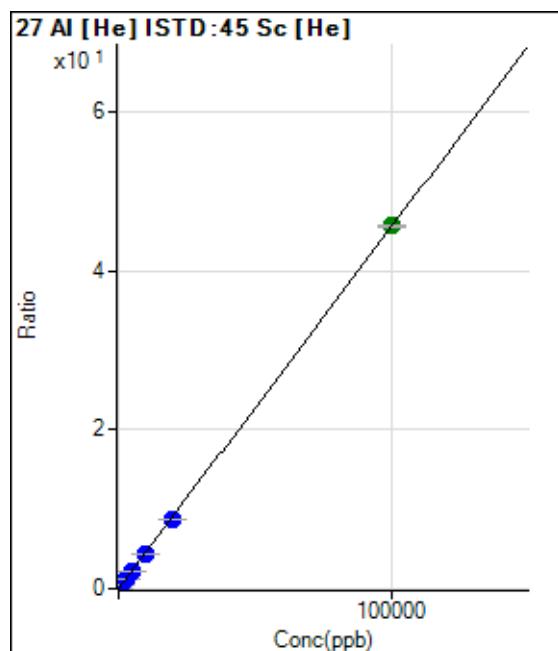
$$R = 1.0000$$

$$DL = 0.3804$$

$$BEC = 1.55$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 158.34      | 0.0004  | P    | 27.6 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 19.514     | 3339.40     | 0.0093  | P    | 6.2  |
| 4 | <input type="checkbox"/> | 1000.000  | 982.266    | 158604.00   | 0.4486  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2451.831   | 395633.46   | 1.1192  | P    | 0.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 4874.588   | 784090.92   | 2.2246  | P    | 0.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 9612.168   | 1555411.29  | 4.3863  | P    | 0.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 19099.447  | 3082890.20  | 8.7152  | P    | 0.3  |
| 9 | <input type="checkbox"/> | 100000.00 | 100226.54  | 15763566.15 | 45.7321 | A    | 0.5  |

$$y = 4.5628\text{E-}004 * x + 4.4488\text{E-}004$$

$$R = 1.0000$$

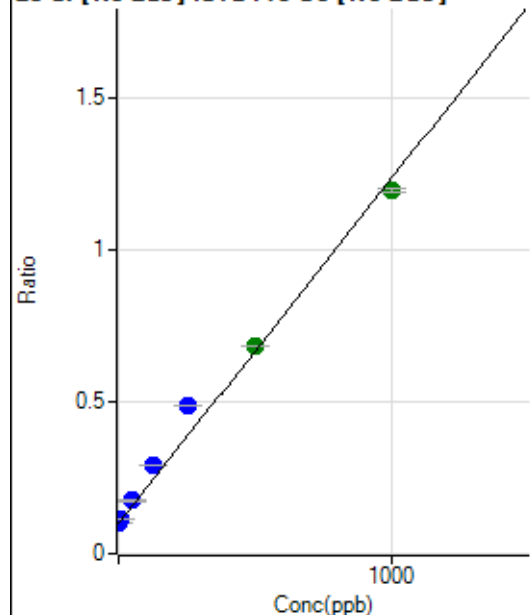
$$DL = 0.8063$$

$$BEC = 0.975$$

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      | 659880.81  | 0.0991 | P    | 0.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 12.332     | 756818.24  | 0.1131 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 50.000   | 66.262     | 1179585.68 | 0.1743 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 168.958    | 1943841.86 | 0.2909 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 342.343    | 3268069.00 | 0.4877 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 513.684    | 4558294.07 | 0.6822 | A    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 963.741    | 8048964.41 | 1.1931 | A    | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 695933.90  | 0.1094 | P    | 0.2 |

$$y = 0.0011 * x + 0.0991$$

$$R = 0.9945$$

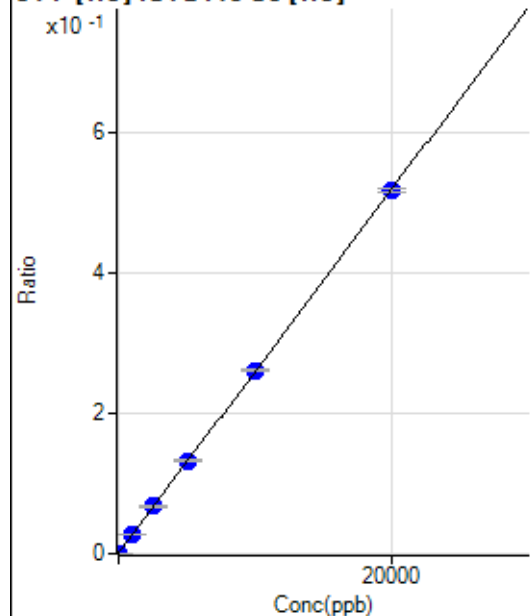
$$DL = 1.574$$

$$BEC = 87.33$$

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     | -0.099     | 216.68    | 0.0006 | P    | 14.0 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 0.099      | 219.46    | 0.0006 | P    | 9.6  |
| 4 | <input type="checkbox"/> | 1000.000  | 1030.673   | 9653.47   | 0.0273 | P    | 3.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2571.211   | 23755.77  | 0.0672 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5094.836   | 46721.26  | 0.1326 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 10074.674  | 92743.08  | 0.2615 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 19928.519  | 182792.78 | 0.5167 | P    | 0.9  |
| 9 | <input type="checkbox"/> |           |            | 272.24    | 0.0008 | P    | 23.6 |

$$y = 2.5899E-005 * x + 6.1185E-004$$

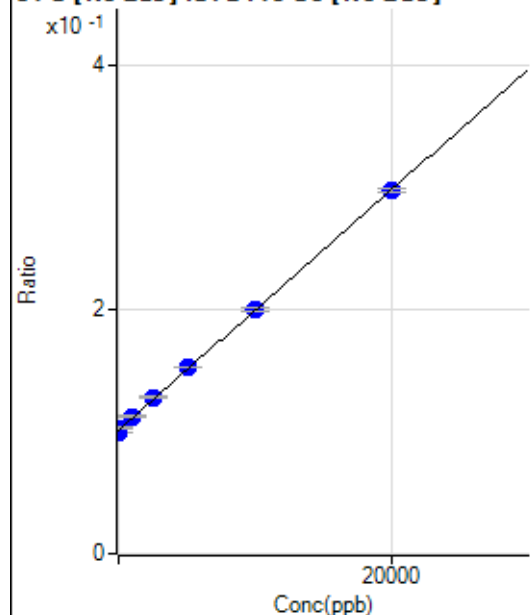
$$R = 1.0000$$

$$DL = 8.352$$

$$BEC = 23.62$$

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     | -182.389   | 661578.83  | 0.0994 | P    | 0.7 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 182.389    | 688904.60  | 0.1030 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 1000.000  | 1145.564   | 760969.69  | 0.1125 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2719.600   | 855139.44  | 0.1280 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5263.445   | 1025498.95 | 0.1530 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 10000.000 | 10035.739  | 1336756.65 | 0.2001 | P    | 1.1 |
| 8 | <input type="checkbox"/> | 20000.000 | 19881.541  | 2004362.22 | 0.2971 | P    | 1.0 |
| 9 | <input type="checkbox"/> |           |            | 608172.79  | 0.0956 | P    | 0.6 |

$$y = 9.8542\text{E-}006 * x + 0.1012$$

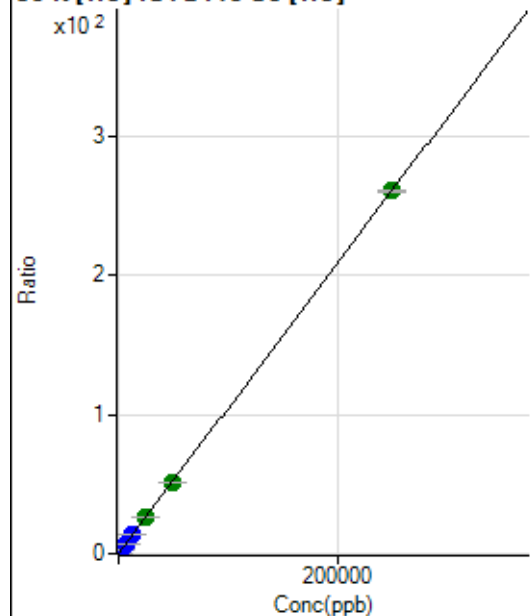
$$R = 0.9998$$

$$DL = 302.4$$

$$BEC = 1.027\text{E}+04$$

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      | 59283.21    | 0.1667   | P    | 2.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 457.340    | 229803.36   | 0.6434   | P    | 1.1 |
| 4 | <input type="checkbox"/> | 2500.000  | 2520.548   | 987703.20   | 2.7938   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6281.228   | 2373252.01  | 6.7136   | P    | 0.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12744.955  | 4740794.68  | 13.4507  | P    | 0.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 24575.636  | 9142401.86  | 25.7818  | A    | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 48795.163  | 18049972.28 | 51.0258  | A    | 0.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 250270.25  | 89973172.15 | 261.0230 | A    | 0.4 |

$$y = 0.0010 * x + 0.1667$$

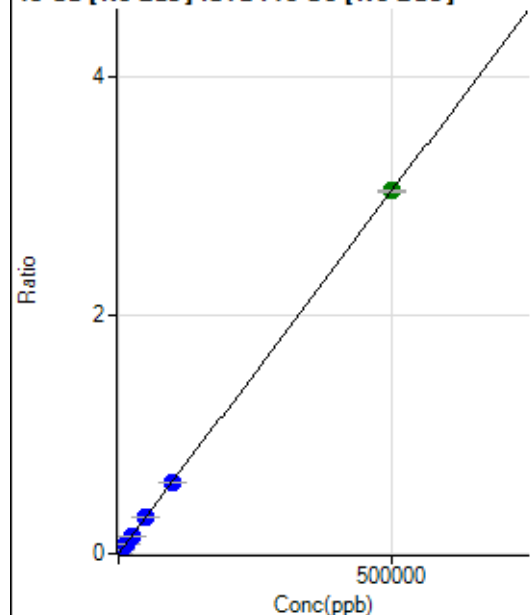
$$R = 1.0000$$

$$DL = 9.571$$

$$BEC = 159.9$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [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      | 361.13      | 0.0001 | P   | 9.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 450.796    | 18720.96    | 0.0028 | P   | 1.6 |
| 4 | <input type="checkbox"/> | 5000.000  | 4870.374   | 200941.92   | 0.0297 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12200.866  | 496570.97   | 0.0743 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 24815.437  | 1012426.42  | 0.1511 | P   | 0.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 49285.220  | 2004680.67  | 0.3000 | P   | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 98311.440  | 4037443.54  | 0.5984 | P   | 0.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 500427.24  | 19371727.00 | 3.0460 | A   | 0.5 |

$$y = 6.0867\text{E-}006 * x + 5.4252\text{E-}005$$

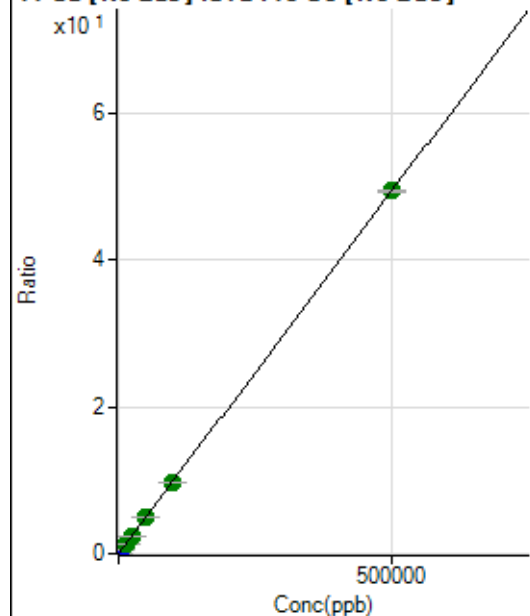
$$R = 1.0000$$

$$DL = 2.499$$

$$BEC = 8.913$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [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      | 23155.53    | 0.0035  | P   | 3.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 442.666    | 315690.30   | 0.0472  | P   | 0.7 |
| 4 | <input type="checkbox"/> | 5000.000  | 4945.523   | 3327679.57  | 0.4918  | P   | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12218.686  | 8085204.35  | 1.2100  | A   | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24818.551  | 16443994.81 | 2.4542  | A   | 0.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 49314.377  | 32558008.02 | 4.8730  | A   | 0.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 97279.796  | 64828964.64 | 9.6092  | A   | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 500629.31  | 314408312.5 | 49.4375 | A   | 0.8 |

$$y = 9.8744\text{E-}005 * x + 0.0035$$

$$R = 1.0000$$

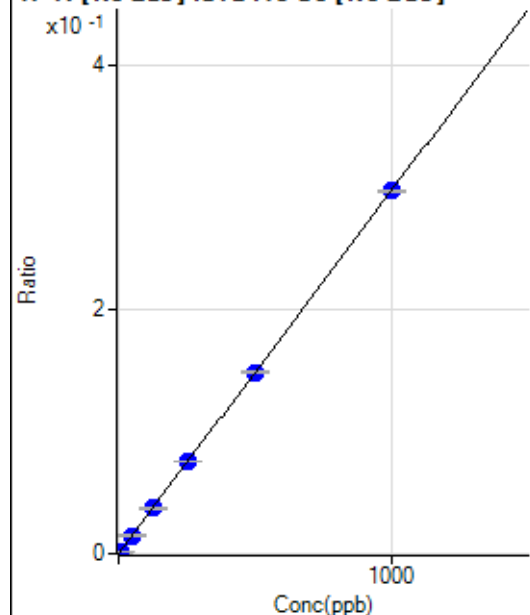
$$DL = 3.433$$

$$BEC = 35.23$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 213.90     | 0.0000 | P    | 6.3  |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.386      | 8930.84    | 0.0013 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.188     | 101081.36  | 0.0149 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.463    | 247243.93  | 0.0370 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 253.072    | 503904.45  | 0.0752 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 499.811    | 992133.15  | 0.1485 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.387    | 2002995.25 | 0.2969 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 1350.13    | 0.0002 | P    | 11.0 |

$$y = 2.9704E-004 * x + 3.2138E-005$$

$$R = 1.0000$$

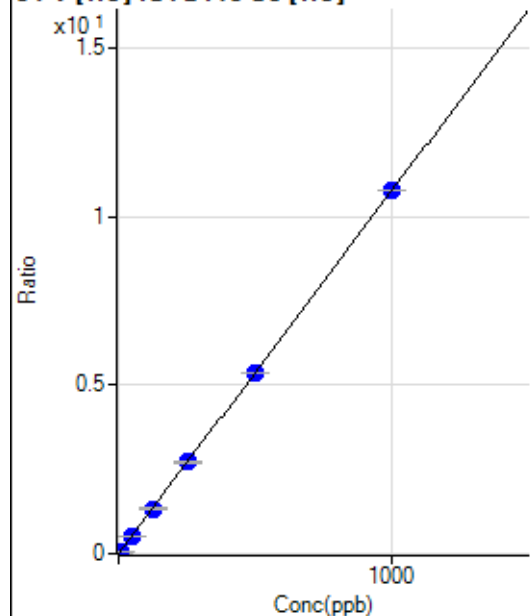
$$DL = 0.02061$$

$$BEC = 0.1082$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 52.22      | 0.0001  | P    | 22.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.547      | 17550.63   | 0.0491  | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.960     | 190328.32  | 0.5384  | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.559    | 474404.78  | 1.3420  | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 252.099    | 957272.83  | 2.7161  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 497.852    | 1901971.55 | 5.3636  | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.609   | 3813247.82 | 10.7799 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 1113.40    | 0.0032  | P    | 4.5  |

$$y = 0.0108 * x + 1.4695E-004$$

$$R = 1.0000$$

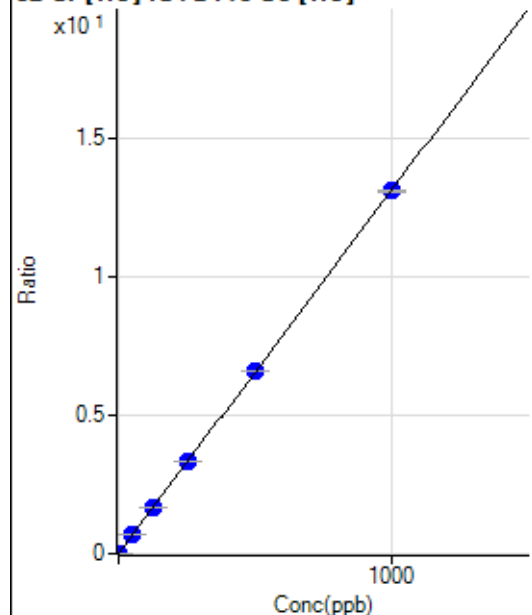
$$DL = 0.009386$$

$$BEC = 0.01364$$

Weight: &lt;None&gt;

Min Conc: 0



**52 Cr [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      | 1851.26    | 0.0052  | P   | 3.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.998      | 11232.22   | 0.0314  | P   | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 50.867     | 238069.13  | 0.6734  | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 126.273    | 588218.60  | 1.6640  | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 253.732    | 1176597.14 | 3.3383  | P   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 501.030    | 2335783.11 | 6.5869  | P   | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.349    | 4641014.27 | 13.1199 | P   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 17159.10   | 0.0498  | P   | 0.5 |

$$y = 0.0131 * x + 0.0052$$

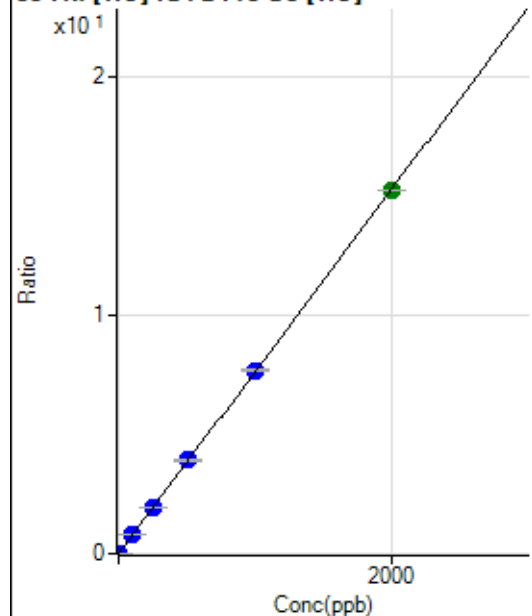
$$R = 1.0000$$

$$DL = 0.03958$$

$$BEC = 0.3962$$

Weight: &lt;None&gt;

Min Conc: 0

**55 Mn [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      | 83.34      | 0.0002  | P   | 24.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.124      | 3145.95    | 0.0088  | P   | 1.8  |
| 4 | <input type="checkbox"/> | 100.000  | 102.031    | 275249.73  | 0.7786  | P   | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 253.949    | 684908.84  | 1.9375  | P   | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 512.288    | 1377481.66 | 3.9082  | P   | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.046   | 2726987.77 | 7.6902  | P   | 0.2  |
| 8 | <input type="checkbox"/> | 2000.000 | 1992.310   | 5376308.88 | 15.1987 | A   | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 14415.02   | 0.0418  | P   | 1.7  |

$$y = 0.0076 * x + 2.3450E-004$$

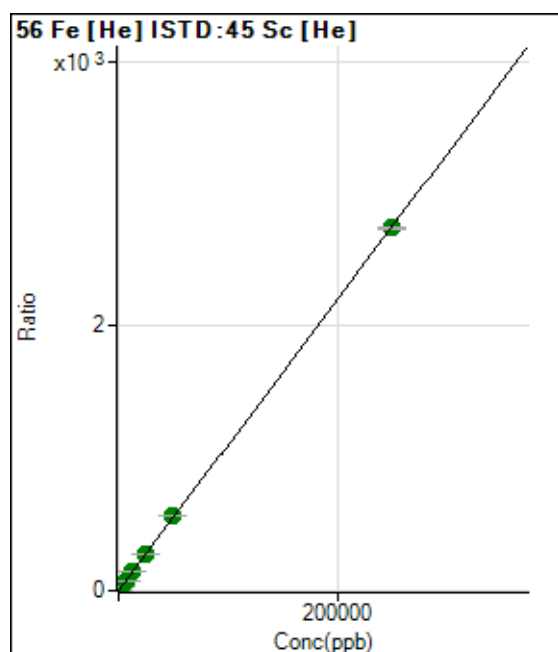
$$R = 1.0000$$

$$DL = 0.0228$$

$$BEC = 0.03074$$

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      | 8586.09     | 0.0241    | P    | 4.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 50.498     | 206551.14   | 0.5783    | P    | 0.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2618.486   | 10166362.73 | 28.7571   | A    | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6541.560   | 25383647.56 | 71.8055   | A    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 13173.044  | 50955210.86 | 144.5735  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 25718.729  | 100084074.4 | 282.2388  | A    | 0.2 |
| 8 | <input type="checkbox"/> | 50000.000 | 51004.168  | 197986159.9 | 559.6989  | A    | 0.1 |
| 9 | <input type="checkbox"/> | 250000.00 | 249685.16  | 944405643.3 | 2,739.849 | A    | 0.5 |

$$y = 0.0110 * x + 0.0241$$

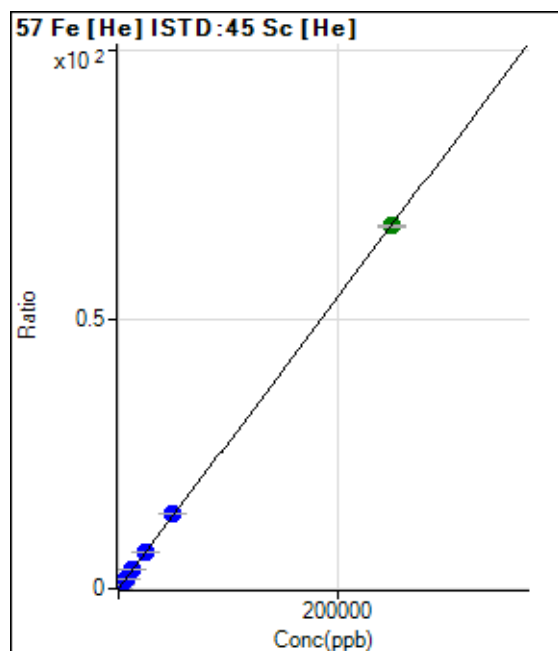
$$R = 1.0000$$

$$DL = 0.2852$$

$$BEC = 2.2$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 424.10      | 0.0012  | P    | 5.5 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 51.284     | 5371.52     | 0.0150  | P    | 4.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2592.134   | 247826.89   | 0.7010  | P    | 1.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6485.287   | 619366.62   | 1.7521  | P    | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 13101.515  | 1247102.10  | 3.5383  | P    | 0.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 25719.069  | 2462695.14  | 6.9448  | P    | 0.1 |
| 8 | <input type="checkbox"/> | 50000.000 | 51362.681  | 4905662.38  | 13.8681 | P    | 0.2 |
| 9 | <input type="checkbox"/> | 250000.00 | 249618.67  | 23230047.28 | 67.3931 | A    | 0.4 |

$$y = 2.6998E-004 * x + 0.0012$$

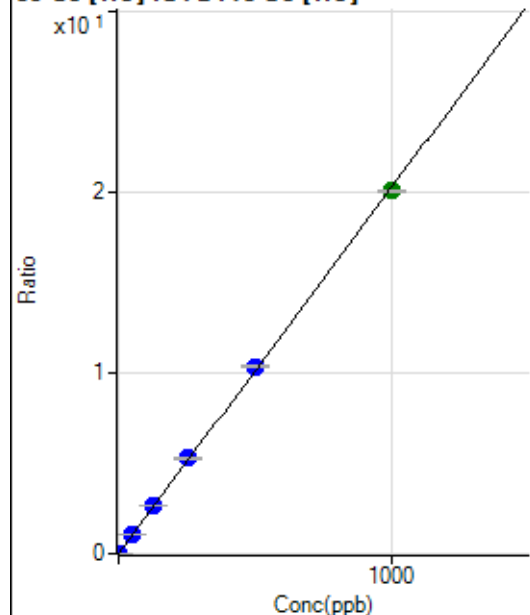
$$R = 1.0000$$

$$DL = 0.7295$$

$$BEC = 4.417$$

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      | 178.89     | 0.0005  | P    | 22.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.011      | 7502.03    | 0.0210  | P    | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.064     | 373225.82  | 1.0557  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 129.707    | 929489.75  | 2.6294  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 260.099    | 1858177.13 | 5.2721  | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 511.810    | 3678579.25 | 10.3737 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.879    | 7104143.44 | 20.0833 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 8851.70    | 0.0257  | P    | 1.8  |

$$y = 0.0203 * x + 5.0292E-004$$

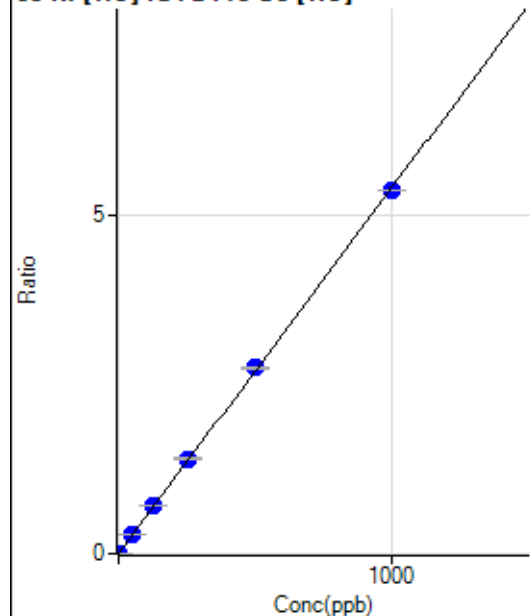
$$R = 0.9998$$

$$DL = 0.01651$$

$$BEC = 0.02481$$

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      | 118.89     | 0.0003 | P    | 26.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.072      | 2182.42    | 0.0061 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 52.938     | 100954.24  | 0.2856 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.886    | 249402.31  | 0.7055 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 260.114    | 494076.96  | 1.4018 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 508.272    | 971219.79  | 2.7389 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.453    | 1891641.68 | 5.3476 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 4492.98    | 0.0130 | P    | 1.3  |

$$y = 0.0054 * x + 3.3419E-004$$

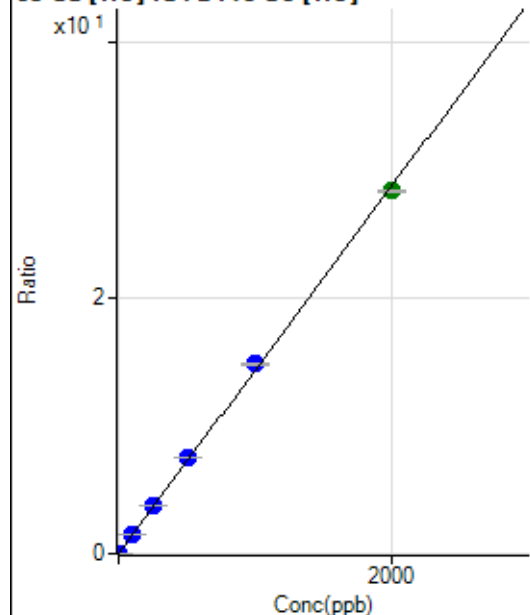
$$R = 0.9999$$

$$DL = 0.049$$

$$BEC = 0.06203$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>63</sup>Cu [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      | 1599.01     | 0.0045  | P    | 5.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.477      | 14308.28    | 0.0401  | P    | 0.5 |
| 4 | <input type="checkbox"/> | 100.000  | 106.137    | 540312.20   | 1.5284  | P    | 0.6 |
| 5 | <input type="checkbox"/> | 250.000  | 262.574    | 1334225.40  | 3.7744  | P    | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 524.676    | 2656623.16  | 7.5375  | P    | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1032.677   | 5259196.45  | 14.8311 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 2000.000 | 1975.613   | 10035203.32 | 28.3692 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 16147.99    | 0.0468  | P    | 3.0 |

$$y = 0.0144 * x + 0.0045$$

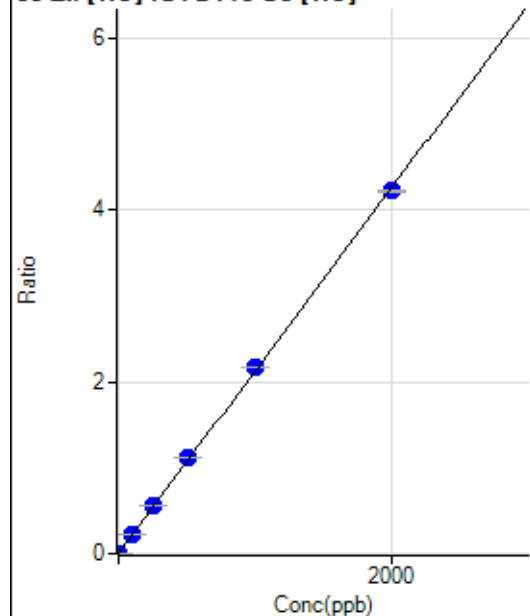
$$R = 0.9997$$

$$DL = 0.05034$$

$$BEC = 0.3132$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [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      | 858.93     | 0.0024 | P    | 3.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.208      | 2538.04    | 0.0071 | P    | 2.5 |
| 4 | <input type="checkbox"/> | 100.000  | 105.099    | 79769.58   | 0.2256 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 250.000  | 260.892    | 196737.94  | 0.5565 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 521.484    | 391233.62  | 1.1100 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 1018.154   | 767695.43  | 2.1649 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 2000.000 | 1983.935   | 1491445.90 | 4.2162 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 4746.41    | 0.0138 | P    | 0.2 |

$$y = 0.0021 * x + 0.0024$$

$$R = 0.9999$$

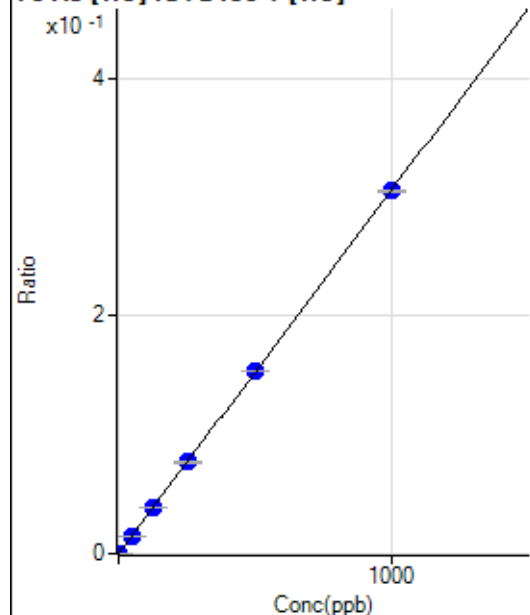
$$DL = 0.1176$$

$$BEC = 1.137$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 43.83     | 0.0000 | P    | 19.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.903      | 544.46    | 0.0003 | P    | 8.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.776     | 27482.15  | 0.0153 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.411    | 69075.14  | 0.0384 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 251.787    | 138779.04 | 0.0770 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 502.918    | 276717.23 | 0.1539 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.054    | 548921.02 | 0.3053 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 304.33    | 0.0002 | P    | 12.3 |

$$y = 3.0590E-004 * x + 2.4124E-005$$

$$R = 1.0000$$

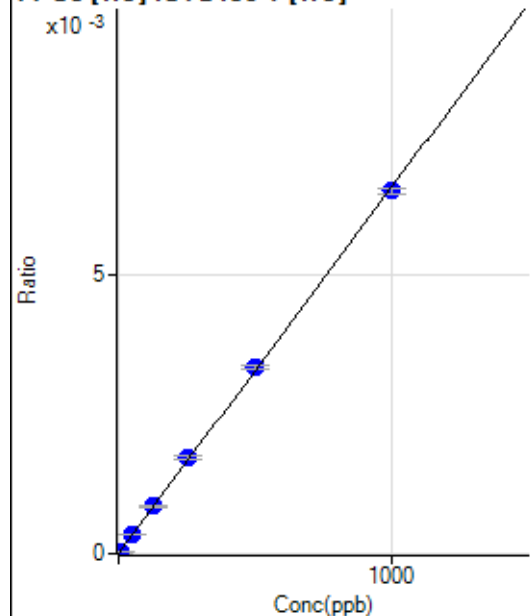
$$DL = 0.04496$$

$$BEC = 0.07886$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.55     | 0.0000 | P    | 69.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.821      | 51.11    | 0.0000 | P    | 20.8 |
| 4 | <input type="checkbox"/> | 50.000   | 51.298     | 613.36   | 0.0003 | P    | 5.0  |
| 5 | <input type="checkbox"/> | 125.000  | 129.242    | 1534.55  | 0.0009 | P    | 5.3  |
| 6 | <input type="checkbox"/> | 250.000  | 263.839    | 3130.39  | 0.0017 | P    | 3.9  |
| 7 | <input type="checkbox"/> | 500.000  | 510.838    | 6046.91  | 0.0034 | P    | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.532    | 11714.89 | 0.0065 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 10.00    | 0.0000 | P    | 0.2  |

$$y = 6.5756E-006 * x + 3.0571E-006$$

$$R = 0.9998$$

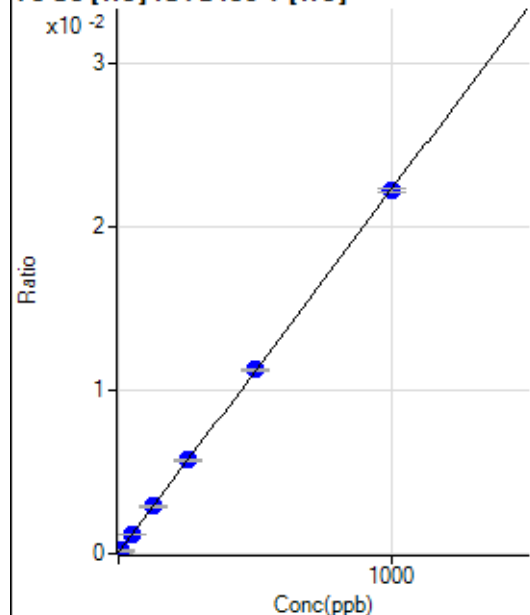
$$DL = 0.9673$$

$$BEC = 0.4649$$

Weight: &lt;None&gt;

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 114.82   | 0.0001 | P    | 16.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.117      | 320.99   | 0.0002 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.292     | 2169.94  | 0.0012 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.511    | 5217.65  | 0.0029 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 255.235    | 10340.79 | 0.0057 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 504.715    | 20304.37 | 0.0113 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.955    | 39943.10 | 0.0222 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 148.15   | 0.0001 | P    | 12.2 |

$$y = 2.2244\text{E-}005 * x + 6.3201\text{E-}005$$

$$R = 1.0000$$

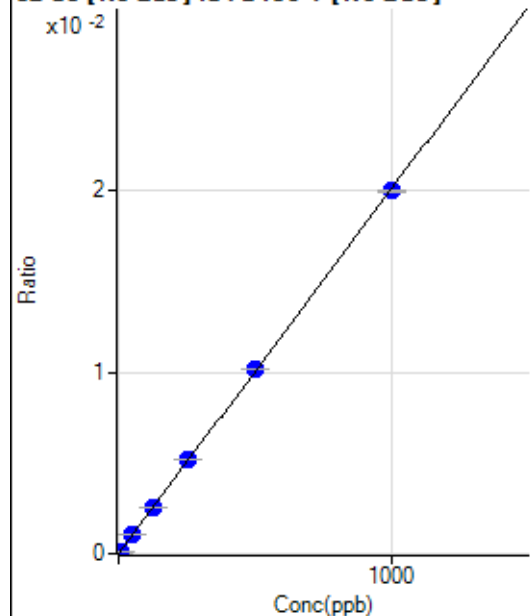
$$DL = 1.445$$

$$BEC = 2.841$$

Weight: &lt;None&gt;

Min Conc: 0

82 Se [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      | 56.66     | 0.0000 | P    | 121. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.786      | 1047.89   | 0.0001 | P    | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.659     | 10935.48  | 0.0010 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 128.137    | 26562.17  | 0.0026 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 257.325    | 54186.94  | 0.0052 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 506.010    | 105795.14 | 0.0102 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.690    | 208700.84 | 0.0200 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 323.60    | 0.0000 | P    | 24.8 |

$$y = 2.0099\text{E-}005 * x + 5.4229\text{E-}006$$

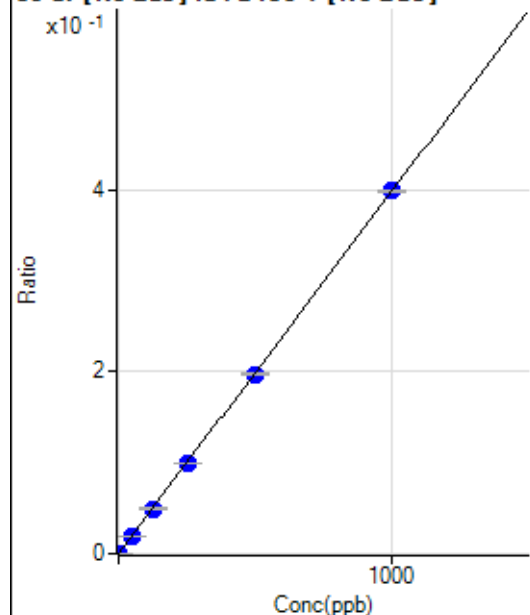
$$R = 0.9999$$

$$DL = 0.9834$$

$$BEC = 0.2698$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1819.65    | 0.0002 | P    | 9.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.966      | 5765.30    | 0.0006 | P    | 5.6 |
| 4 | <input type="checkbox"/> | 50.000   | 49.247     | 206995.65  | 0.0198 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 124.375    | 510756.70  | 0.0496 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 249.794    | 1041245.28 | 0.0995 | P    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 496.118    | 2052647.81 | 0.1974 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.108   | 4160031.13 | 0.3986 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 135258.84  | 0.0140 | P    | 0.4 |

$$y = 3.9760E-004 * x + 1.7524E-004$$

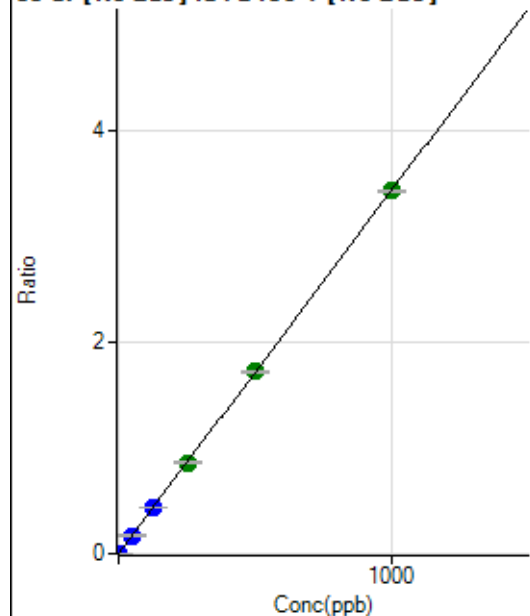
$$R = 1.0000$$

$$DL = 0.1216$$

$$BEC = 0.4407$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 713.94      | 0.0001 | P    | 13.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.012      | 36580.92    | 0.0035 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.241     | 1810639.82  | 0.1728 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 127.616    | 4516477.88  | 0.4388 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.181    | 9038934.32  | 0.8637 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 500.886    | 17905015.51 | 1.7222 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.923    | 35843352.19 | 3.4345 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1168086.78  | 0.1208 | P    | 0.6  |

$$y = 0.0034 * x + 6.8792E-005$$

$$R = 1.0000$$

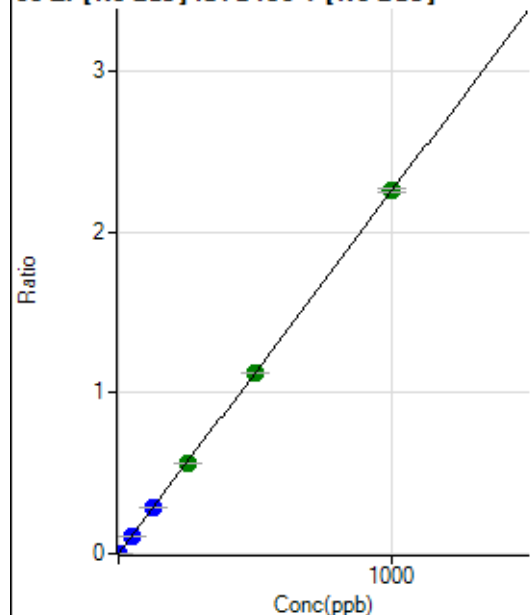
$$DL = 0.008177$$

$$BEC = 0.02001$$

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      | 1063.98     | 0.0001 | P    | 10.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.935      | 22766.17    | 0.0022 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.892     | 1154651.03  | 0.1102 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.128    | 2901047.05  | 0.2819 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.765    | 5887304.12  | 0.5625 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 498.064    | 11661667.54 | 1.1217 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.066   | 23526206.25 | 2.2544 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 6096.05     | 0.0006 | P    | 7.1  |

$$y = 0.0023 * x + 1.0254E-004$$

$$R = 1.0000$$

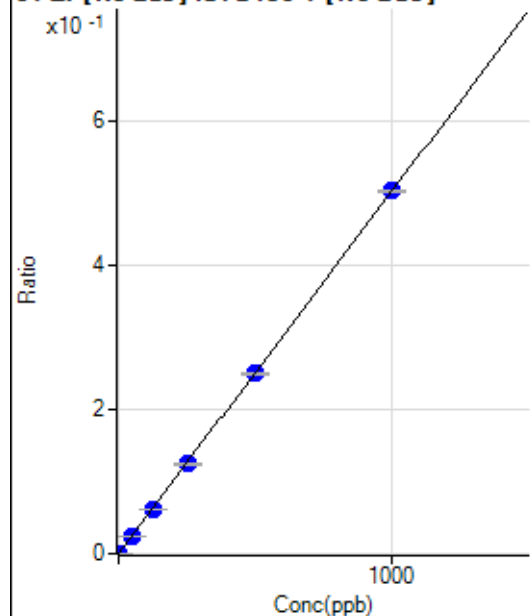
$$DL = 0.01466$$

$$BEC = 0.04553$$

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      | 177.78     | 0.0000 | P    | 5.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.926      | 4964.95    | 0.0005 | P    | 6.8 |
| 4 | <input type="checkbox"/> | 50.000   | 48.683     | 255950.88  | 0.0244 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 123.986    | 640029.54  | 0.0622 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 247.048    | 1296640.72 | 0.1239 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 496.941    | 2590848.08 | 0.2492 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.460   | 5246006.20 | 0.5027 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 1333.46    | 0.0001 | P    | 6.6 |

$$y = 5.0143E-004 * x + 1.7126E-005$$

$$R = 1.0000$$

$$DL = 0.005853$$

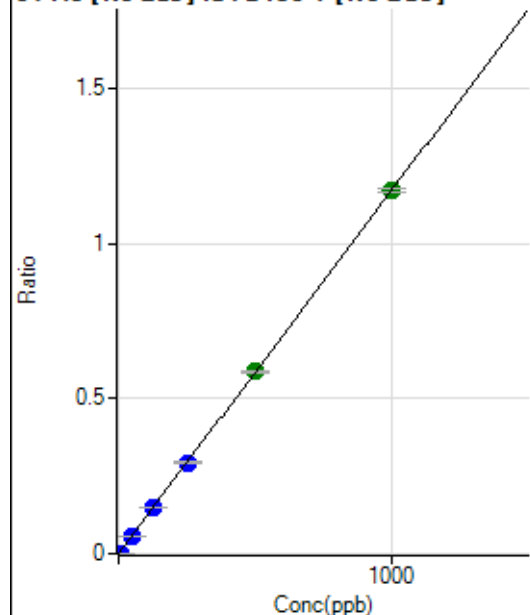
$$BEC = 0.03415$$

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      | 583.37      | 0.0001 | P    | 12.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.995      | 24630.31    | 0.0024 | P    | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.241     | 603712.82   | 0.0576 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.760    | 1501593.49  | 0.1459 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 251.273    | 3074702.30  | 0.2938 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 500.820    | 6087249.44  | 0.5855 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.355    | 12192194.63 | 1.1683 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 8258.26     | 0.0009 | P    | 1.4  |

$$y = 0.0012 * x + 5.6224E-005$$

$$R = 1.0000$$

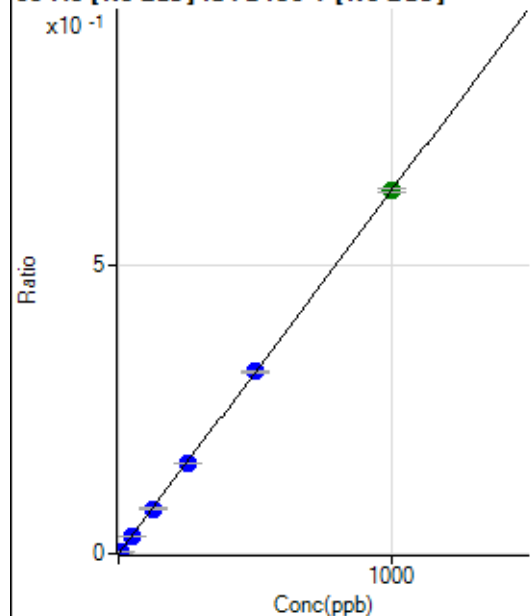
$$DL = 0.01793$$

$$BEC = 0.0481$$

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      | 380.58     | 0.0000 | P    | 24.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.532      | 29868.17   | 0.0029 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.085     | 324951.20  | 0.0310 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 124.389    | 808287.62  | 0.0785 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 248.511    | 1641722.15 | 0.1569 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 501.507    | 3290872.34 | 0.3165 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.743    | 6584597.37 | 0.6310 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 10484.82   | 0.0011 | P    | 0.6  |

$$y = 6.3108E-004 * x + 3.6648E-005$$

$$R = 1.0000$$

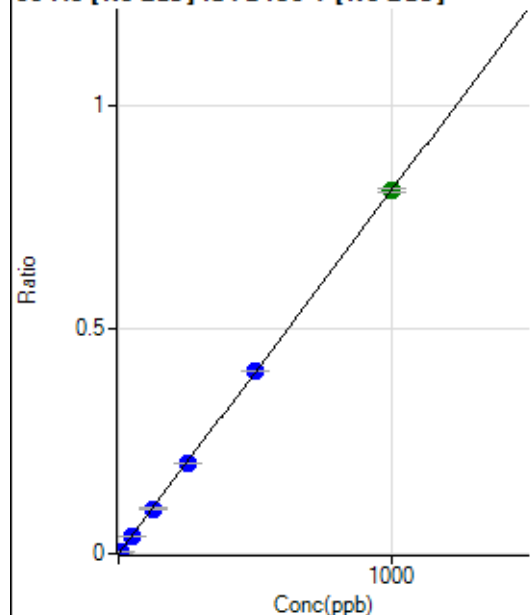
$$DL = 0.04342$$

$$BEC = 0.05807$$

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      | 452.81     | 0.0000 | P    | 12.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.839      | 32493.43   | 0.0032 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.920     | 415391.35  | 0.0396 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.151    | 1034821.57 | 0.1005 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.601    | 2115173.62 | 0.2021 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 502.487    | 4229586.77 | 0.4068 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.022    | 8440441.68 | 0.8088 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 17122.16   | 0.0018 | P    | 1.4  |

$$y = 8.0953\text{E-}004 * x + 4.3611\text{E-}005$$

$$R = 1.0000$$

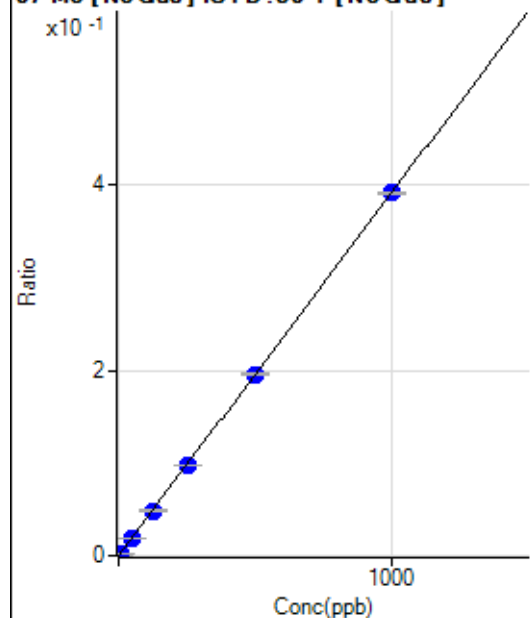
$$DL = 0.02065$$

$$BEC = 0.05387$$

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      | 313.91     | 0.0000 | P    | 23.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.428      | 18170.52   | 0.0018 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.958     | 200955.32  | 0.0192 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 124.414    | 501150.02  | 0.0487 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 248.866    | 1019065.77 | 0.0974 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 500.776    | 2036730.66 | 0.1959 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.024   | 4082322.14 | 0.3912 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 6482.30    | 0.0007 | P    | 0.5  |

$$y = 3.9113\text{E-}004 * x + 3.0227\text{E-}005$$

$$R = 1.0000$$

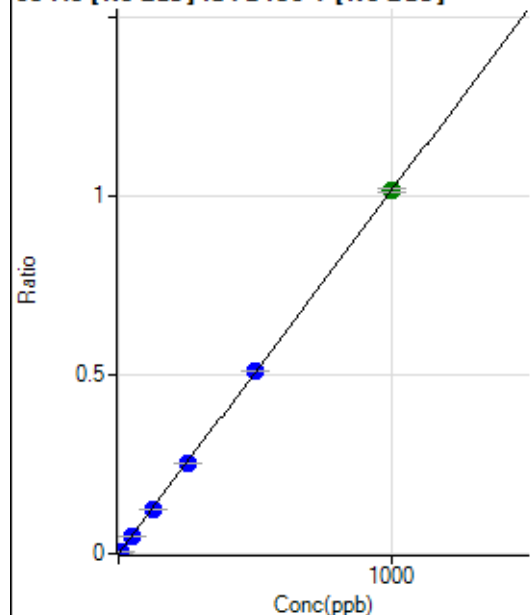
$$DL = 0.05464$$

$$BEC = 0.07728$$

Weight: &lt;None&gt;

Min Conc: 0

98 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      | 602.82      | 0.0001 | P    | 10.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.488      | 47552.85    | 0.0046 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.471     | 515979.32   | 0.0492 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 123.753    | 1293040.61  | 0.1256 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 248.744    | 2642241.08  | 0.2525 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 502.056    | 5297308.97  | 0.5095 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.521    | 10585434.09 | 1.0143 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 15642.45    | 0.0016 | P    | 1.2  |

$$y = 0.0010 * x + 5.8029E-005$$

$$R = 1.0000$$

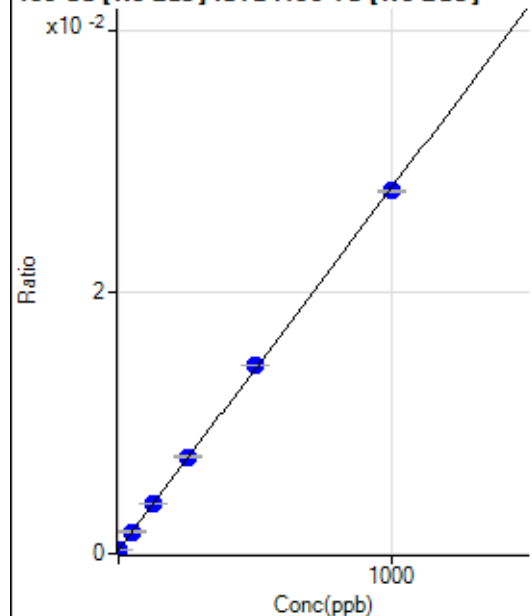
$$DL = 0.01787$$

$$BEC = 0.05719$$

Weight: &lt;None&gt;

Min Conc: 0

106 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      | 3595.06   | 0.0003 | P    | 4.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.967      | 3878.50   | 0.0003 | P    | 3.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.867     | 21494.64  | 0.0017 | P    | 1.5 |
| 5 | <input type="checkbox"/> | 125.000  | 129.176    | 48815.75  | 0.0039 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 250.000  | 257.729    | 94265.60  | 0.0074 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 511.028    | 181914.51 | 0.0144 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.988    | 356037.76 | 0.0278 | P    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 3417.22   | 0.0003 | P    | 1.0 |

$$y = 2.7705E-005 * x + 2.8085E-004$$

$$R = 0.9999$$

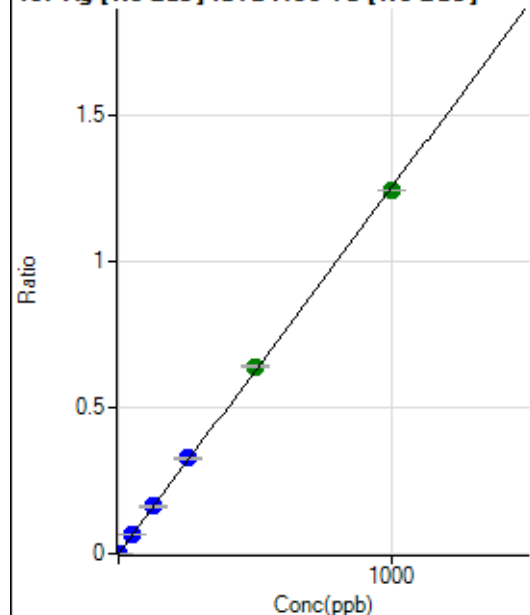
$$DL = 1.44$$

$$BEC = 10.14$$

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      | 177.79      | 0.0000 | P   | 20.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.300      | 20690.84    | 0.0016 | P   | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 52.072     | 829355.89   | 0.0652 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 128.934    | 2041911.94  | 0.1614 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 260.555    | 4143860.64  | 0.3262 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 511.074    | 8062221.79  | 0.6399 | A   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.229    | 15915621.54 | 1.2411 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1969.67     | 0.0002 | P   | 3.2  |

$$y = 0.0013 * x + 1.3905E-005$$

$$R = 0.9998$$

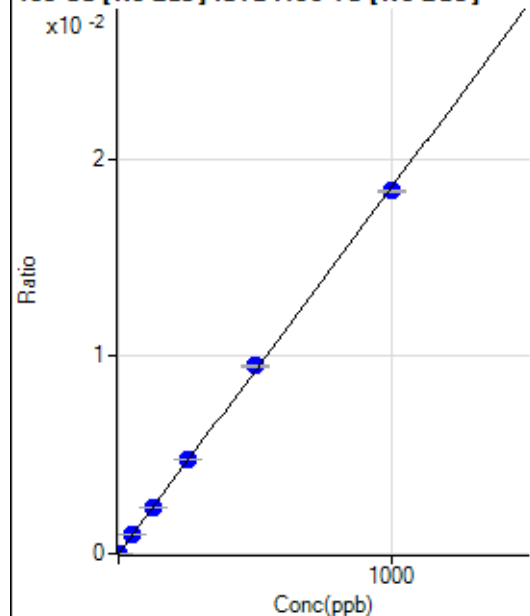
$$DL = 0.006748$$

$$BEC = 0.01111$$

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      | 15.28     | 0.0000 | P   | 69.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.974      | 243.06    | 0.0000 | P   | 13.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.505     | 12173.50  | 0.0010 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 128.055    | 30076.69  | 0.0024 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 258.042    | 60852.61  | 0.0048 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 513.112    | 120007.07 | 0.0095 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.976    | 235892.53 | 0.0184 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 44.45     | 0.0000 | P   | 29.8 |

$$y = 1.8561E-005 * x + 1.1979E-006$$

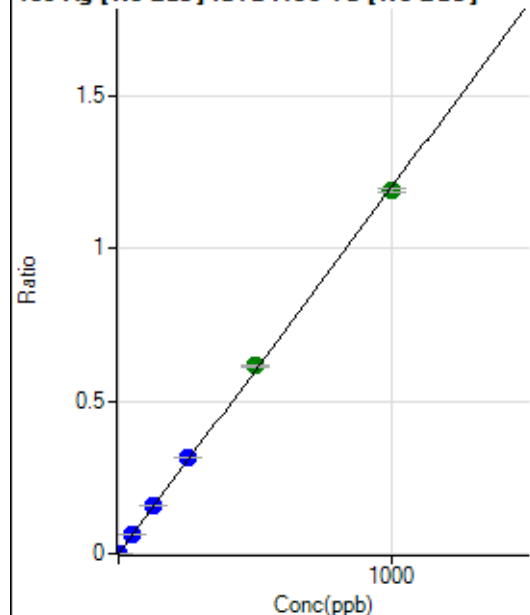
$$R = 0.9998$$

$$DL = 0.1337$$

$$BEC = 0.06454$$

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      | 119.45      | 0.0000 | P    | 40.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.284      | 19539.16    | 0.0015 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 51.661     | 788344.84   | 0.0620 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 129.149    | 1959757.23  | 0.1549 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 260.868    | 3975352.13  | 0.3130 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 512.778    | 7750843.92  | 0.6152 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.292    | 15235681.42 | 1.1881 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 1616.84     | 0.0001 | P    | 6.5  |

$$y = 0.0012 * x + 9.3364E-006$$

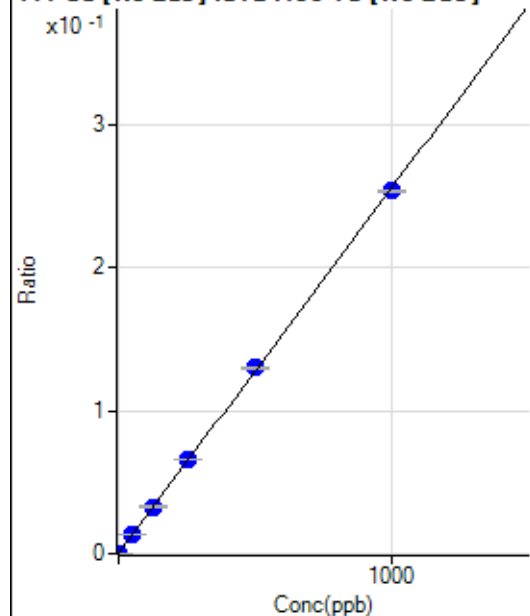
$$R = 0.9998$$

$$DL = 0.00955$$

$$BEC = 0.007782$$

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      | 2565.57    | 0.0002 | P    | 5.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.986      | 5699.40    | 0.0005 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 51.352     | 169302.96  | 0.0133 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 128.058    | 416081.15  | 0.0329 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 259.177    | 843092.61  | 0.0664 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 508.726    | 1639071.91 | 0.1301 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.893    | 3253606.34 | 0.2537 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 2867.91    | 0.0002 | P    | 0.9 |

$$y = 2.5533E-004 * x + 2.0042E-004$$

$$R = 0.9999$$

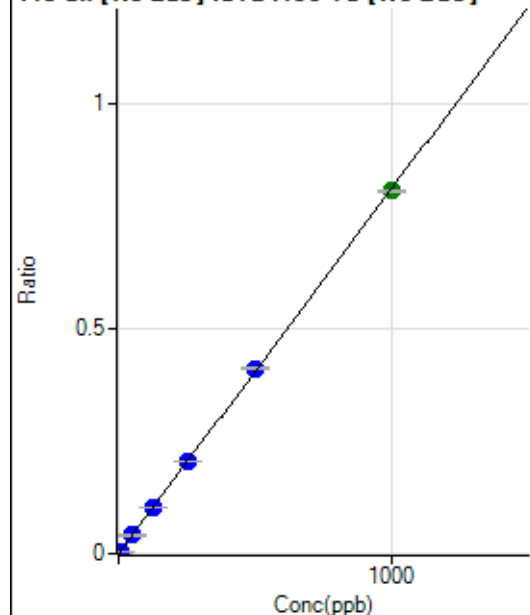
$$DL = 0.1193$$

$$BEC = 0.7849$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1491.81     | 0.0001 | P   | 12.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.493      | 47456.06    | 0.0038 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.066     | 518446.18   | 0.0408 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.829    | 1283279.92  | 0.1015 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 254.290    | 2623792.98  | 0.2066 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 508.509    | 5203031.84  | 0.4130 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.694    | 10357483.22 | 0.8077 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 10320.81    | 0.0009 | P   | 0.4  |

$$y = 8.1189\text{E-}004 * x + 1.1657\text{E-}004$$

$$R = 0.9999$$

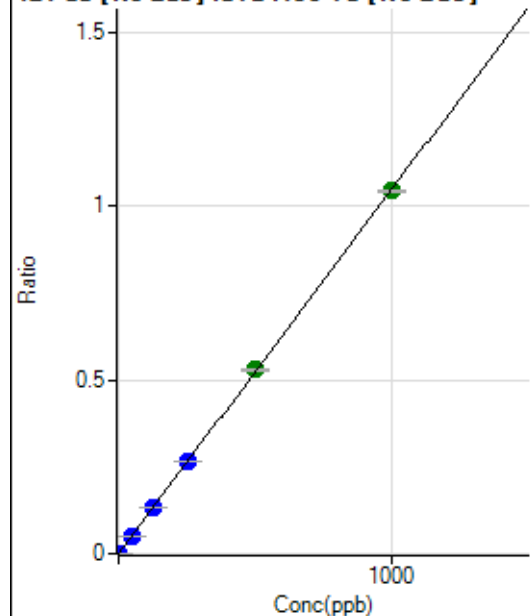
$$DL = 0.0522$$

$$BEC = 0.1436$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 294.46      | 0.0000 | P   | 6.5 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.931      | 25805.04    | 0.0020 | P   | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.740     | 649972.20   | 0.0511 | P   | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 124.596    | 1651907.81  | 0.1306 | P   | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 253.339    | 3372833.41  | 0.2655 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 505.370    | 6673574.32  | 0.5297 | A   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.594    | 13394555.16 | 1.0445 | A   | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 45207.08    | 0.0038 | P   | 3.4 |

$$y = 0.0010 * x + 2.3009\text{E-}005$$

$$R = 1.0000$$

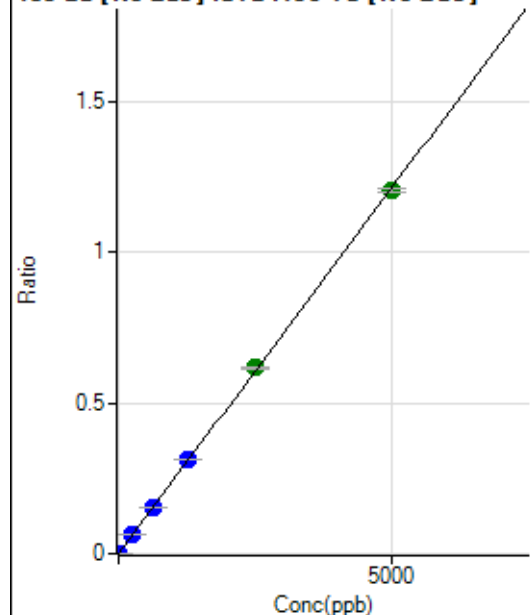
$$DL = 0.004311$$

$$BEC = 0.02195$$

Weight: &lt;None&gt;

Min Conc: 0

135 Ba [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      | 1316.79     | 0.0001 | P    | 4.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 9.345      | 29835.69    | 0.0024 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 250.000  | 254.421    | 785152.84   | 0.0617 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 625.000  | 637.474    | 1954455.56  | 0.1545 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 1250.000 | 1296.966   | 3992216.15  | 0.3143 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 2500.000 | 2543.200   | 7763420.83  | 0.6162 | A    | 0.4 |
| 8 | <input type="checkbox"/> | 5000.000 | 4964.880   | 15424414.76 | 1.2028 | A    | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 5684.76     | 0.0005 | P    | 0.9 |

$$y = 2.4225\text{E-}004 * x + 1.0290\text{E-}004$$

$$R = 0.9999$$

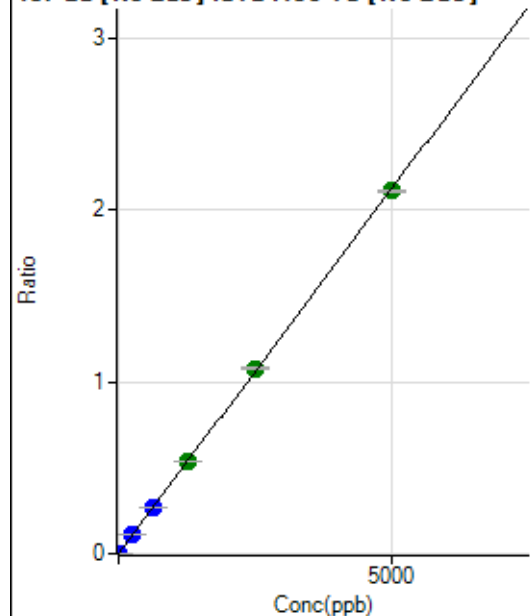
$$DL = 0.05383$$

$$BEC = 0.4248$$

Weight: &lt;None&gt;

Min Conc: 0

137 Ba [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      | 2125.26     | 0.0002 | P    | 7.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 9.222      | 51373.75    | 0.0041 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 250.000  | 252.575    | 1363707.57  | 0.1072 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 625.000  | 637.597    | 3420305.20  | 0.2704 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 1250.000 | 1270.430   | 6842374.37  | 0.5387 | A    | 0.9 |
| 7 | <input type="checkbox"/> | 2500.000 | 2537.605   | 13554080.86 | 1.0758 | A    | 0.8 |
| 8 | <input type="checkbox"/> | 5000.000 | 4974.388   | 27041391.23 | 2.1087 | A    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 10045.69    | 0.0008 | P    | 1.9 |

$$y = 4.2388\text{E-}004 * x + 1.6607\text{E-}004$$

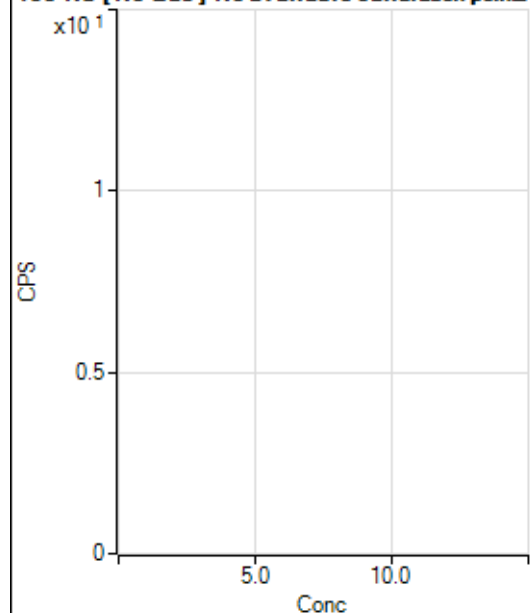
$$R = 0.9999$$

$$DL = 0.08839$$

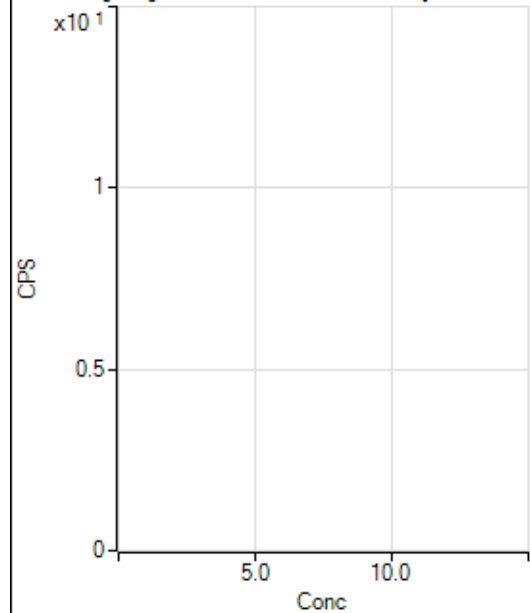
$$BEC = 0.3918$$

Weight: &lt;None&gt;

Min Conc: 0

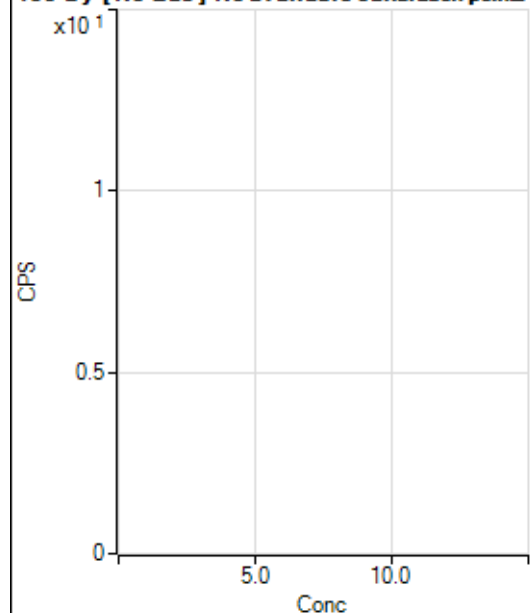
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 9.1  |
| 5 | <input type="checkbox"/> |       |            | 124.45 |       | P        | 30.5 |
| 6 | <input type="checkbox"/> |       |            | 264.45 |       | P        | 14.3 |
| 7 | <input type="checkbox"/> |       |            | 442.25 |       | P        | 13.7 |
| 8 | <input type="checkbox"/> |       |            | 846.72 |       | P        | 2.4  |
| 9 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 27.5 |

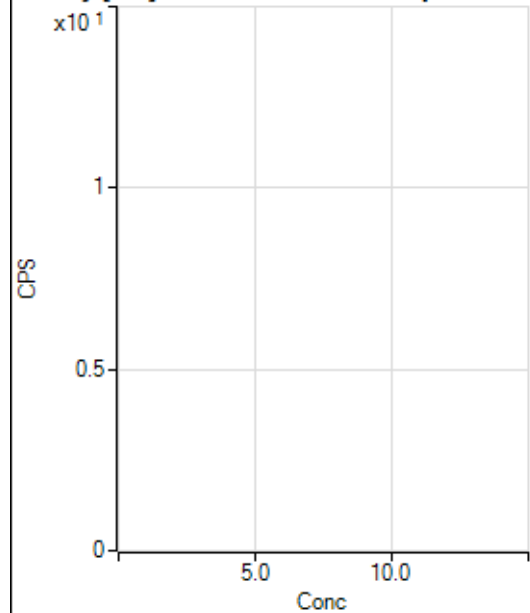
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 88.2 |
| 5 | <input type="checkbox"/> |       |            | 16.66 |       | P        | 34.6 |
| 6 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 12.5 |
| 7 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 10.7 |
| 8 | <input type="checkbox"/> |       |            | 86.67 |       | P        | 24.0 |
| 9 | <input type="checkbox"/> |       |            | 62.22 |       | P        | 16.4 |

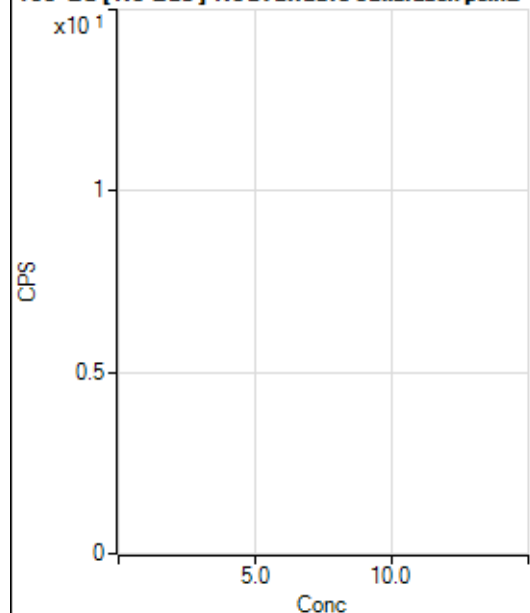


**156 Dy [ No Gas ] No available calibration points**

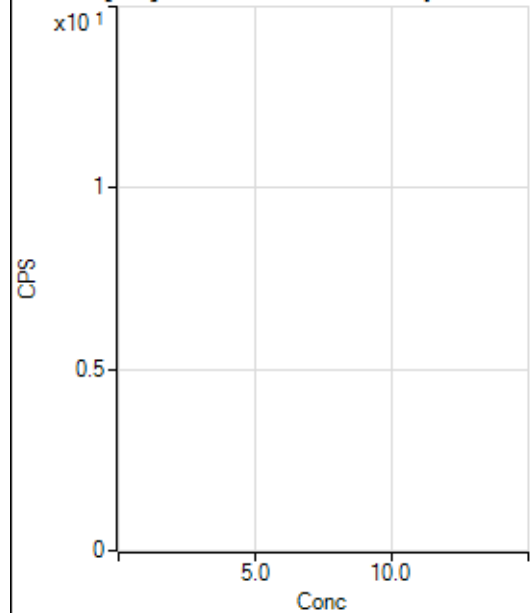
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 21.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 5.56   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 124. |
| 5 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 19.9 |
| 6 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 47.8 |
| 7 | <input type="checkbox"/> |       |            | 166.68 |       | P        | 31.2 |
| 8 | <input type="checkbox"/> |       |            | 277.79 |       | P        | 6.2  |
| 9 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 22.5 |

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

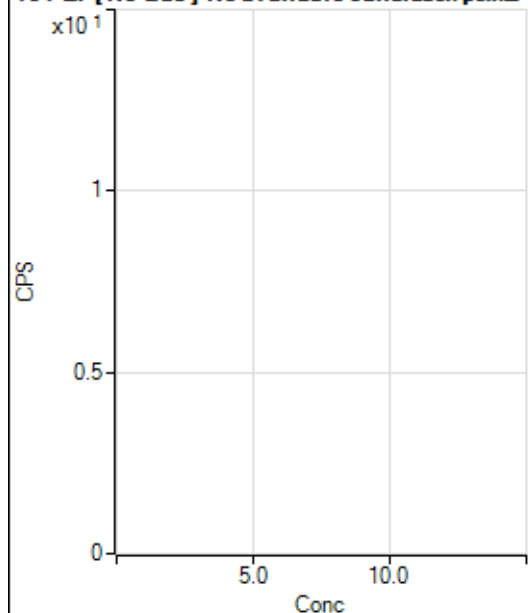
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 68.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 114. |
| 5 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 16.4 |
| 6 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 17.8 |
| 7 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 32.7 |
| 8 | <input type="checkbox"/> |       |            | 191.12 |       | P        | 20.2 |
| 9 | <input type="checkbox"/> |       |            | 68.89  |       | P        | 2.8  |

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

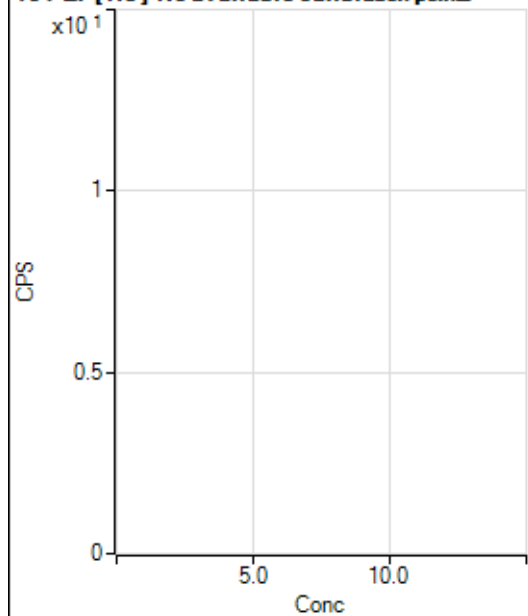
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 33.4 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 86.12  |       | P        | 34.0 |
| 4 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 18.9 |
| 5 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 20.4 |
| 6 | <input type="checkbox"/> |       |            | 130.56 |       | P        | 13.3 |
| 7 | <input type="checkbox"/> |       |            | 230.57 |       | P        | 12.7 |
| 8 | <input type="checkbox"/> |       |            | 250.01 |       | P        | 17.3 |
| 9 | <input type="checkbox"/> |       |            | 213.90 |       | P        | 25.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 130.01 |       | P        | 31.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 120.00 |       | P        | 10.0 |
| 4 | <input type="checkbox"/> |       |            | 121.11 |       | P        | 4.2  |
| 5 | <input type="checkbox"/> |       |            | 152.23 |       | P        | 13.2 |
| 6 | <input type="checkbox"/> |       |            | 153.34 |       | P        | 5.7  |
| 7 | <input type="checkbox"/> |       |            | 202.23 |       | P        | 15.3 |
| 8 | <input type="checkbox"/> |       |            | 190.00 |       | P        | 7.6  |
| 9 | <input type="checkbox"/> |       |            | 183.34 |       | P        | 1.8  |

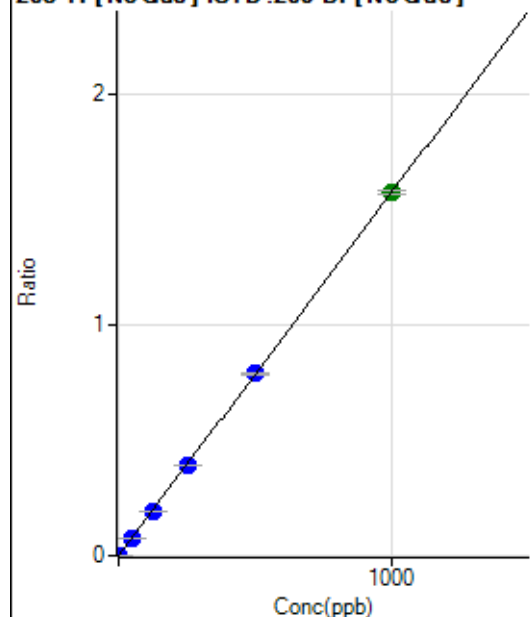
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 21.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 83.34 |       | P        | 36.1 |
| 4 | <input type="checkbox"/> |       |            | 61.12 |       | P        | 34.3 |
| 5 | <input type="checkbox"/> |       |            | 75.00 |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 54.1 |
| 7 | <input type="checkbox"/> |       |            | 58.33 |       | P        | 37.8 |
| 8 | <input type="checkbox"/> |       |            | 91.67 |       | P        | 48.1 |
| 9 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 61.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 15.1 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 16.66 |       | P        | 34.6 |
| 4 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 14.3 |
| 5 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 57.2 |
| 6 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 45.8 |
| 7 | <input type="checkbox"/> |       |            | 35.55 |       | P        | 19.5 |
| 8 | <input type="checkbox"/> |       |            | 34.44 |       | P        | 40.3 |
| 9 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 31.9 |

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 244.46      | 0.0000 | P    | 13.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.988      | 12459.24    | 0.0016 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 48.212     | 604010.91   | 0.0757 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 121.956    | 1493880.34  | 0.1916 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 248.713    | 3049225.33  | 0.3906 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 502.629    | 6099131.34  | 0.7894 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.477    | 12036914.68 | 1.5697 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 3775.70     | 0.0006 | P    | 6.6  |

$$y = 0.0016 * x + 3.0279E-005$$

$$R = 1.0000$$

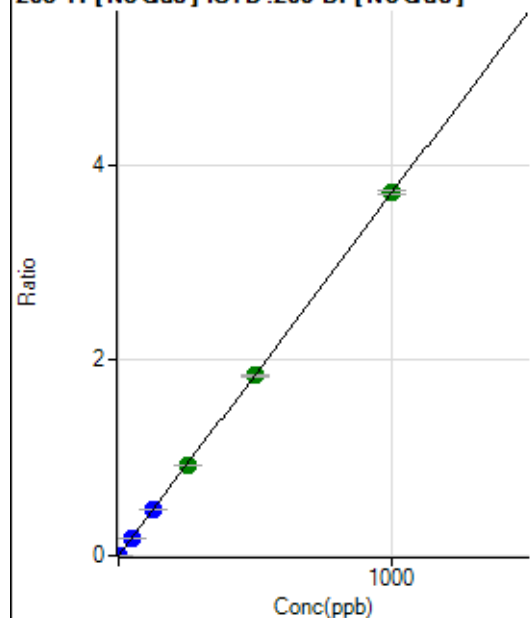
$$DL = 0.007903$$

$$BEC = 0.01928$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 472.25      | 0.0001 | P    | 13.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.972      | 28857.02    | 0.0037 | P    | 3.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.175     | 1455842.47  | 0.1826 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 125.431    | 3630925.56  | 0.4656 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 249.187    | 7219757.45  | 0.9249 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 497.743    | 14273480.35 | 1.8474 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.319   | 28498772.86 | 3.7164 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 9117.43     | 0.0014 | P    | 9.3  |

$$y = 0.0037 * x + 5.8502E-005$$

$$R = 1.0000$$

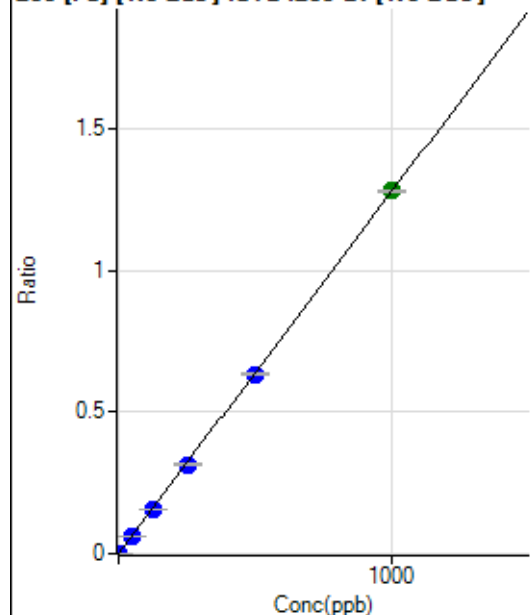
$$DL = 0.006273$$

$$BEC = 0.01576$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1666.83    | 0.0002 | P   | 5.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.615      | 17890.19   | 0.0023 | P   | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 48.506     | 496345.29  | 0.0622 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 122.629    | 1224682.06 | 0.1570 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 246.878    | 2466266.98 | 0.3159 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 496.156    | 4903990.10 | 0.6348 | P   | 1.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.073   | 9839416.89 | 1.2831 | A   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 17365.48   | 0.0026 | P   | 3.1 |

$$y = 0.0013 * x + 2.0648E-004$$

$$R = 1.0000$$

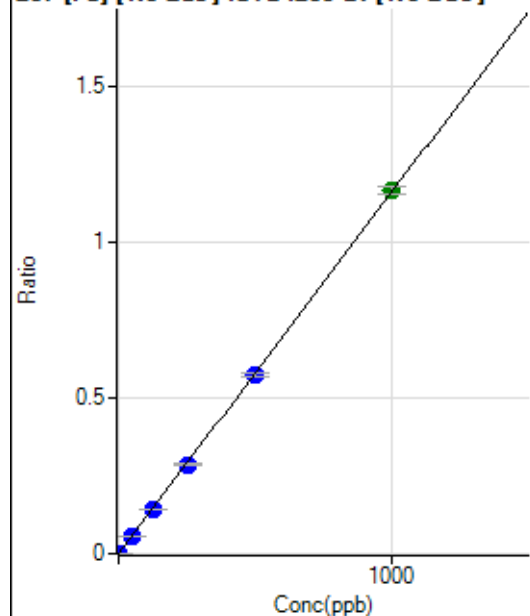
$$DL = 0.02643$$

$$BEC = 0.1614$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1527.92    | 0.0002 | P   | 7.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.616      | 16223.27   | 0.0021 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 47.999     | 444662.20  | 0.0558 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 121.293    | 1096641.76 | 0.1406 | P   | 0.1 |
| 6 | <input type="checkbox"/> | 250.000  | 246.925    | 2233082.02 | 0.2861 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 494.422    | 4424162.31 | 0.5726 | P   | 1.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.120   | 8915674.51 | 1.1627 | A   | 2.0 |
| 9 | <input type="checkbox"/> |          |            | 15329.63   | 0.0023 | P   | 1.4 |

$$y = 0.0012 * x + 1.8928E-004$$

$$R = 1.0000$$

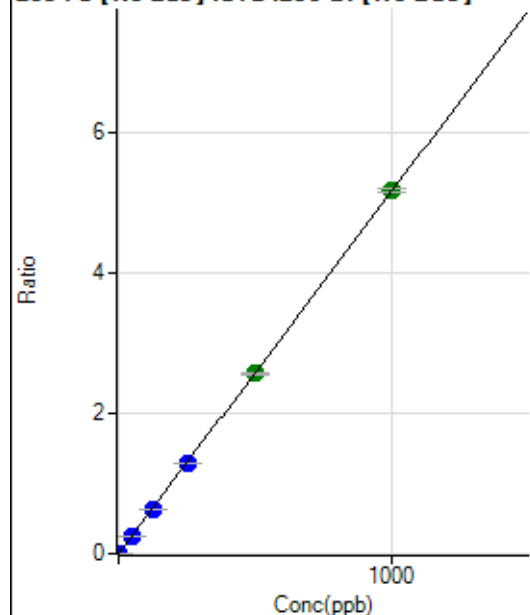
$$DL = 0.03836$$

$$BEC = 0.1635$$

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<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6967.61     | 0.0009 | P        | 3.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.626      | 72781.32    | 0.0092 | P        | 0.2 |
| 4 | <input type="checkbox"/> | 50.000   | 48.547     | 2002122.11  | 0.2511 | P        | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 122.660    | 4936800.36  | 0.6330 | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 250.476    | 10083707.57 | 1.2918 | P        | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 496.577    | 19780583.08 | 2.5602 | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.957   | 39606794.17 | 5.1649 | A        | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 69095.41    | 0.0103 | P        | 2.3 |

$$y = 0.0052 * x + 8.6313E-004$$

$$R = 1.0000$$

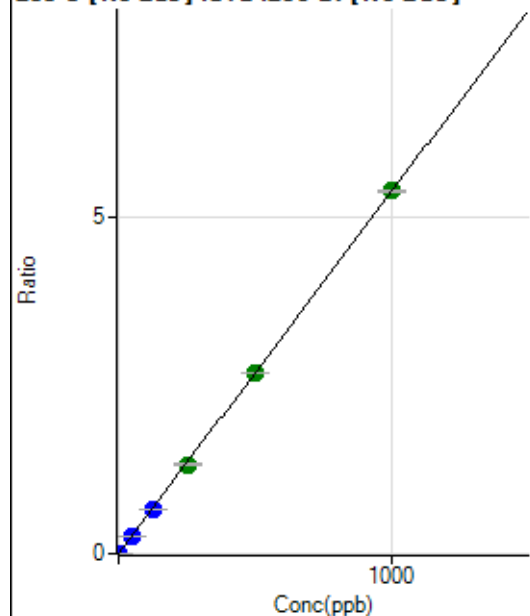
$$DL = 0.01671$$

$$BEC = 0.1675$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 977.86      | 0.0001 | P        | 17.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.901      | 39004.23    | 0.0050 | P        | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 46.662     | 1997540.91  | 0.2505 | P        | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 120.866    | 5058626.98  | 0.6487 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 246.790    | 10337486.25 | 1.3243 | A        | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 499.269    | 20699543.69 | 2.6791 | A        | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.852   | 41227753.00 | 5.3758 | A        | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 3431.17     | 0.0005 | P        | 2.6  |

$$y = 0.0054 * x + 1.2112E-004$$

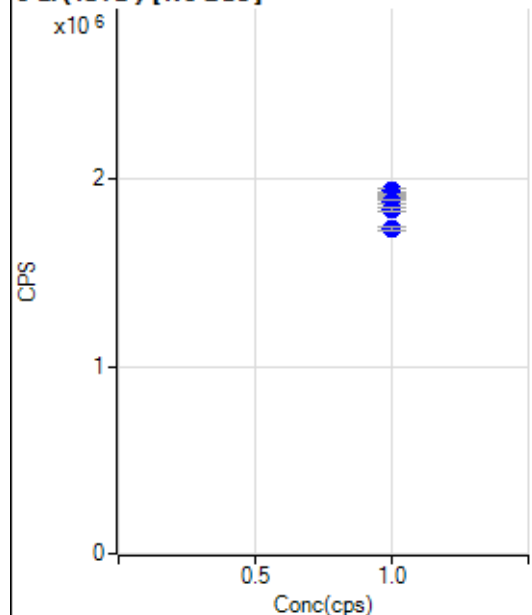
$$R = 1.0000$$

$$DL = 0.01177$$

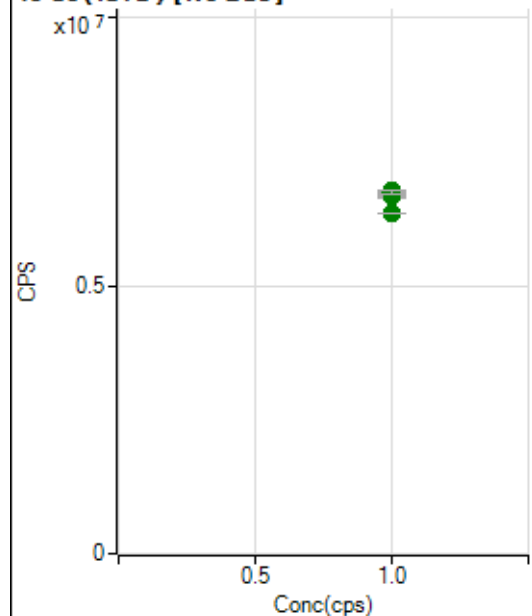
$$BEC = 0.02257$$

Weight: &lt;None&gt;

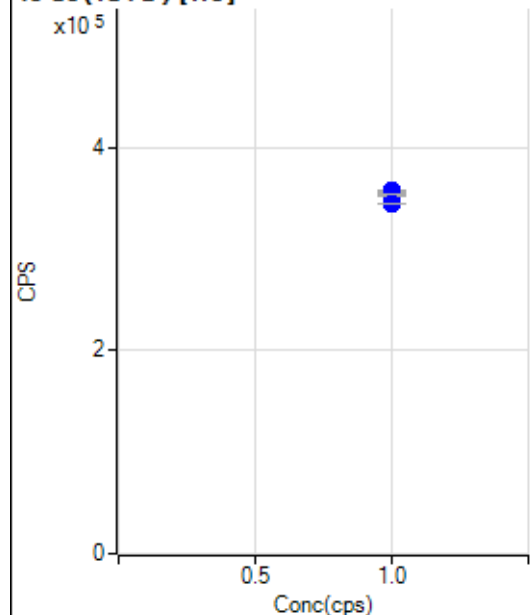
Min Conc: 0

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

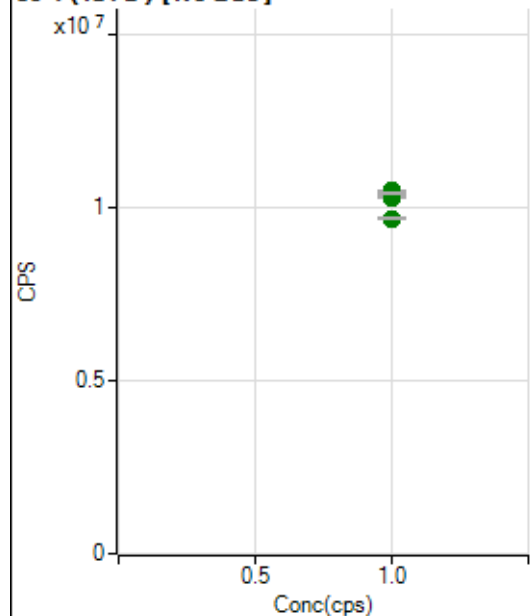
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1918078.17 |       | P        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1919687.93 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1937811.39 |       | P        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1899608.08 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1917368.17 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1882261.97 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1839981.54 |       | P        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1738691.52 |       | P        | 1.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6656822.33 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6690132.53 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6765996.85 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6681976.71 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6700530.92 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6681487.74 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6746835.04 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6359761.65 |       | A        | 0.1 |

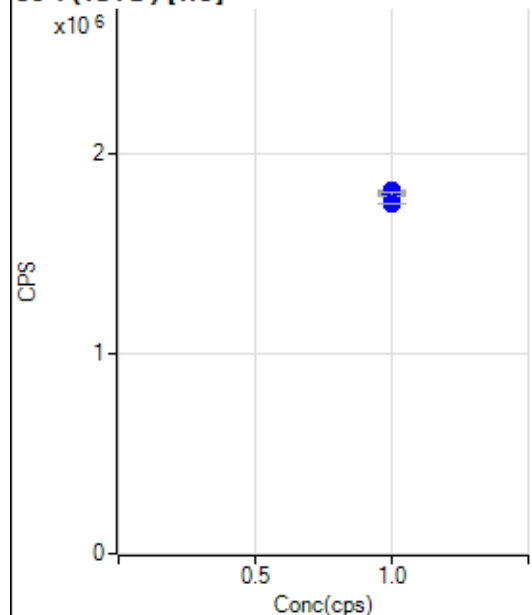
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 355665.84 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 357191.75 |       | P        | 0.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 353528.55 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 353511.69 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 352458.91 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 354608.65 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 353737.01 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 344693.71 |       | P        | 0.2 |

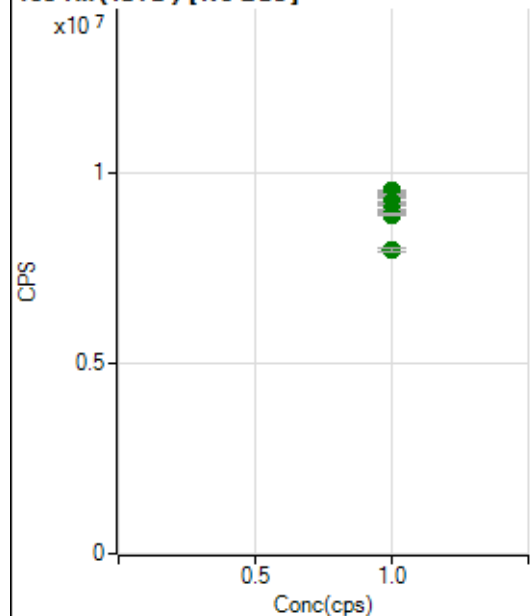
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10382314.36 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10310818.04 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10478311.86 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10292060.89 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10465932.00 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10396761.79 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10436359.08 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9670342.08  |       | A        | 0.6 |

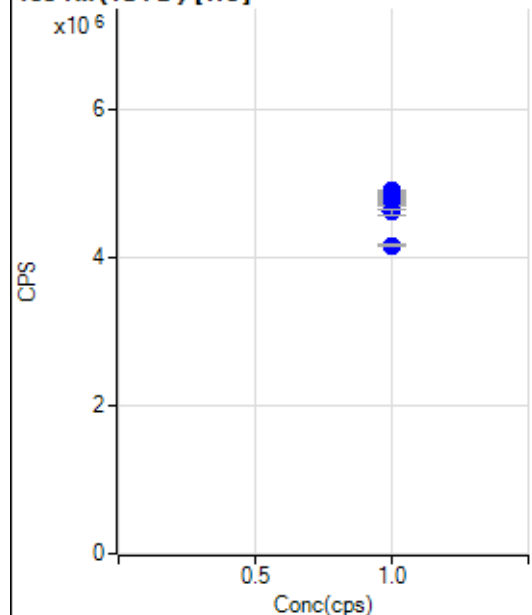


**89 Y (ISTD) [He]**

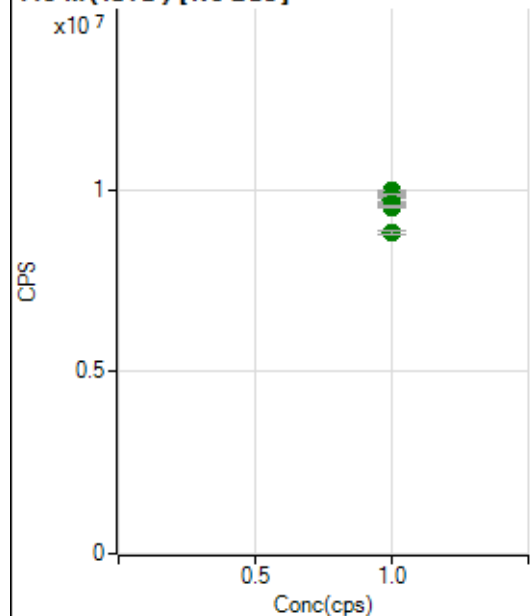
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1816642.75 |       | P        | 0.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1813279.80 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1802087.96 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1799433.57 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1801298.12 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1798455.27 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1797817.84 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1755034.85 |       | P        | 0.2 |

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

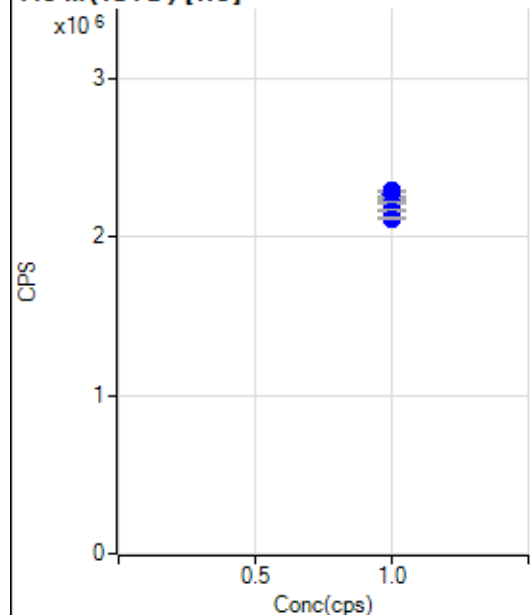
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9546396.22 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9396731.63 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9457352.64 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9238691.53 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9189362.97 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9035025.89 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8929083.01 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7991698.01 |       | A        | 1.2 |

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

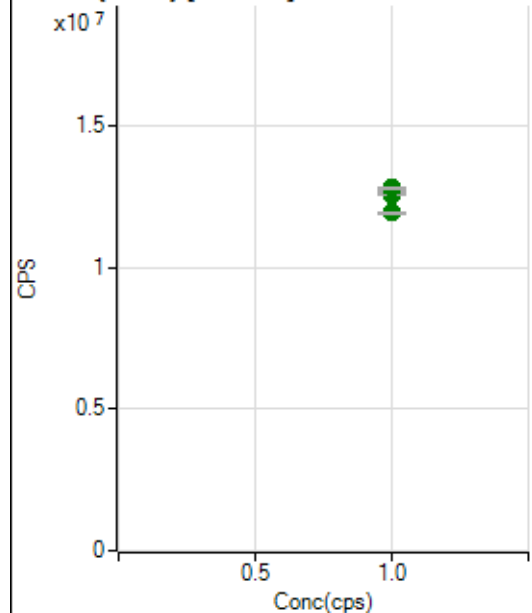
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4893591.63 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4871384.03 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4844475.93 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4787384.55 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4735281.14 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4695858.58 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4607363.37 |       | P        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4157745.56 |       | P        | 0.4 |

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

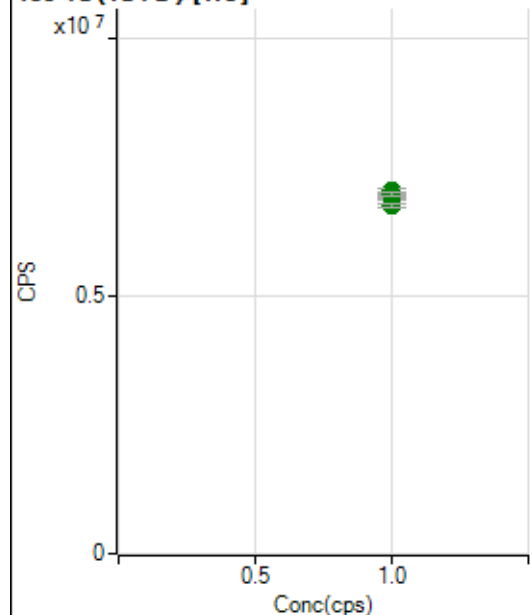
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9965552.11 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9903626.20 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9949127.75 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9731497.02 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9836394.43 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9624147.26 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9532599.17 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8819704.93 |       | A        | 1.2 |

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

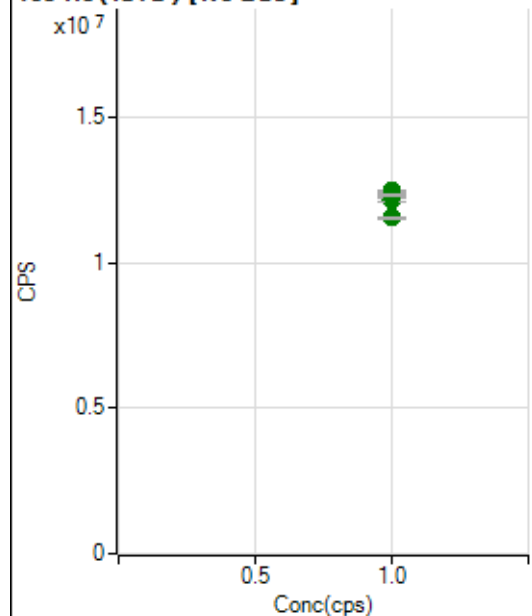
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2293500.29 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2286152.63 |       | P        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2272195.28 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2257860.39 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2241159.36 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2217766.83 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2166451.05 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2115816.57 |       | P        | 0.5 |

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

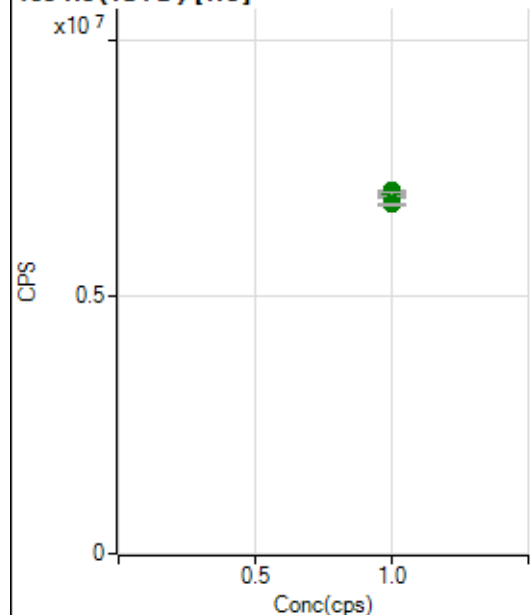
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12797843.98 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12606711.20 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12718085.78 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12647698.28 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12701926.75 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12599013.01 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12823931.06 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11936622.46 |       | A        | 0.5 |

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

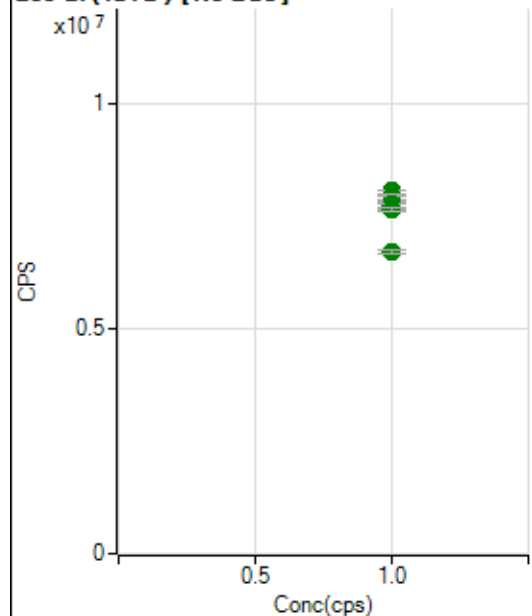
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7035379.83 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6957888.65 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6890554.34 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6945099.13 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6983073.72 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6974260.31 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6972148.37 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6753607.54 |       | A        | 0.8 |

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

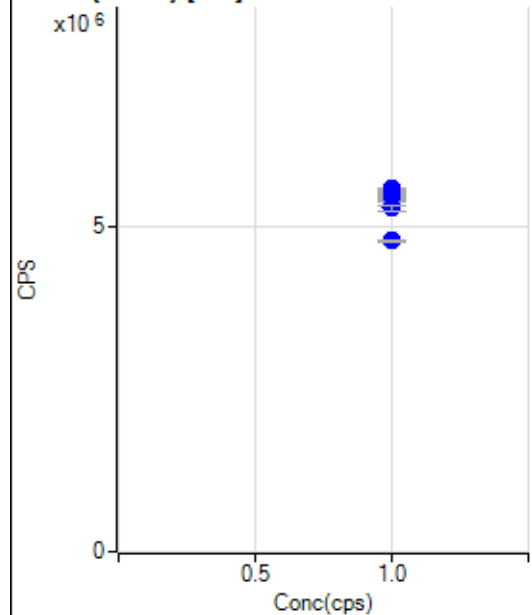
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12458970.68 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12146630.13 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12357522.76 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12158245.15 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12268438.73 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12264834.82 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12336167.29 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11550953.56 |       | A        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7054014.27 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6979193.09 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6917872.68 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6966522.46 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6947075.11 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7010606.22 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6997303.85 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6802160.73 |       | A        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8072641.89 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7873161.62 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7974410.02 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7798599.26 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7805905.51 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7726792.73 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7669002.46 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6717601.98 |       | A        | 1.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5579675.12 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5527723.67 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5520510.96 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5484582.70 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5435035.54 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5375447.45 |       | P        | 0.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5279783.05 |       | P        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4785944.27 |       | P        | 0.5 |

US EPA Tune Check Sample Report

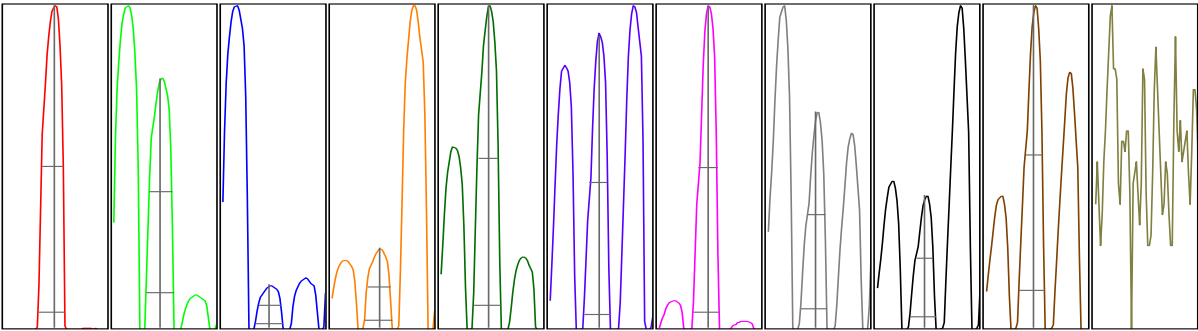
Batch Folder D:\ICP-MS Data\P7080917.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 13233           | 0.98             | 5.00               |                |
| 24   | 73347           | 0.62             | 5.00               |                |
| 25   | 9950            | 0.77             | 5.00               |                |
| 26   | 12178           | 0.79             | 5.00               |                |
| 59   | 120243          | 0.52             | 5.00               |                |
| 113  | 13235           | 0.91             | 5.00               |                |
| 115  | 165452          | 0.89             | 5.00               |                |
| 206  | 38105           | 0.48             | 5.00               |                |
| 207  | 34998           | 0.51             | 5.00               |                |
| 208  | 82040           | 0.59             | 5.00               |                |
| 220  | 1               | 38.04            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 13116                | 13409                | 13332                | 13146                | 13164                |
| 24   | 73052                | 74012                | 73642                | 72987                | 73041                |
| 25   | 9934                 | 10073                | 9958                 | 9867                 | 9919                 |
| 26   | 12195                | 12335                | 12155                | 12105                | 12099                |
| 59   | 120009               | 121100               | 120690               | 119732               | 119683               |
| 113  | 13098                | 13382                | 13319                | 13243                | 13131                |
| 115  | 163720               | 167079               | 166441               | 165897               | 164121               |
| 206  | 37868                | 38349                | 38182                | 38120                | 38005                |
| 207  | 35031                | 35157                | 35173                | 34776                | 34852                |
| 208  | 81418                | 82674                | 82001                | 82319                | 81788                |
| 220  | 1                    | 1                    | 1                    | 1                    | 0                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 22435          | 9.00             | 8.9 - 9.1          |                | 0.777                | 0.900                  |                        |
| 24   | 116904         | 23.90            | 23.9 - 24.1        |                | 0.795                | 0.900                  |                        |
| 25   | 15807          | 24.90            | 24.9 - 25.1        |                | 0.795                | 0.900                  |                        |
| 26   | 18513          | 25.95            | 25.9 - 26.1        |                | 0.790                | 0.900                  |                        |
| 59   | 208363         | 58.95            | 58.9 - 59.1        |                | 0.800                | 0.900                  |                        |
| 113  | 25795          | 113.00           | 112.9 - 113.1      |                | 0.765                | 0.900                  |                        |
| 115  | 322182         | 115.00           | 114.9 - 115.1      |                | 0.760                | 0.900                  |                        |
| 206  | 74059          | 205.95           | 205.9 - 206.1      |                | 0.754                | 0.900                  |                        |
| 207  | 67066          | 206.95           | 206.9 - 207.1      |                | 0.744                | 0.900                  |                        |
| 208  | 162368         | 207.95           | 207.9 - 208.1      |                | 0.738                | 0.900                  |                        |
| 220  |                |                  | -                  |                |                      |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.0  | V    | Deflect       | 13.8  | V    |
| Extract 2     | -220.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -105   | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 0.0   | mL/min | OctP RF       | 180   | V    |                       |       |       |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 32723           | 0.80             |                    |
| 89   | 16044           | 0.87             |                    |
| 205  | 38685           | 0.78             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 32928                | 32293                | 32666                | 32864                | 32866                |
| 89   | 16092                | 15834                | 15976                | 16154                | 16162                |
| 205  | 38846                | 38151                | 38775                | 38802                | 38852                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.4  | V    | Deflect       | 2.2   | V    |
| Extract 2     | -245.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -120   | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:01:42 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.30   | 0.21    | 0.10    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | -0.02   | 0.03    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.05   | -0.05   | 0.11    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.01    | 0.01    | -0.03   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.04    | 0.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.50   | 0.46    | 0.04    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.05   | 0.01    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.72    | -0.91   | 0.19    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.12   | -1.08   | 1.20    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | 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  | 0.03    | 0.08    | -0.11   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.24    | -0.25   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.15    | -0.06   | -0.09   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:01:42 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 2.75    | -3.71   | 0.66    | -0.10      |         | ppb   |
| Potassium  | 39-2  | 0.12    | -3.25   | 3.13    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.19   | 0.37    | -0.19   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.46    | 0.05    | -0.50   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.34    | -0.03   | -0.31   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.60   | 0.25    | 0.35    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | 0.61    | -0.77   | 0.15    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.04    | -0.04   | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -256.02 | -171.76 | -119.38 | -182.39    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | -0.02   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.02    | 0.03    | -0.04   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:01:42 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:09:38 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.05   | 20.25   | 20.24   | 19.51      | 6.49    | ppb   |
| Antimony   | 121-1 | 1.97    | 1.93    | 1.90    | 1.93       | 1.99    | ppb   |
| Arsenic    | 75-2  | 0.92    | 0.81    | 0.98    | 0.90       | 9.49    | ppb   |
| Barium     | 135-1 | 9.41    | 9.43    | 9.20    | 9.34       | 1.37    | ppb   |
| Barium     | 137-1 | 9.18    | 9.11    | 9.37    | 9.22       | 1.45    | ppb   |
| Beryllium  | 9-1   | 1.04    | 0.96    | 0.90    | 0.97       | 7.44    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 22.15   | 20.91   | 21.85   | 21.64      | 2.97    | ppb   |
| Boron      | 11-1  | 21.09   | 21.81   | 20.93   | 21.28      | 2.21    | ppb   |
| Cadmium    | 111-1 | 0.94    | 0.99    | 1.02    | 0.99       | 4.09    | ppb   |
| Cadmium    | 106-1 | 0.58    | 1.40    | 0.92    | 0.97       | 43.02   | ppb   |
| Cadmium    | 108-1 | 0.81    | 1.04    | 1.07    | 0.97       | 14.53   | ppb   |
| Calcium    | 43-1  | 457.48  | 451.96  | 442.95  | 450.80     | 1.63    | ppb   |
| Calcium    | 44-1  | 442.40  | 439.33  | 446.27  | 442.67     | 0.79    | ppb   |
| Chromium   | 52-2  | 2.00    | 1.98    | 2.01    | 2.00       | 0.72    | ppb   |
| Cobalt     | 59-2  | 1.02    | 1.04    | 0.98    | 1.01       | 3.19    | ppb   |
| Copper     | 63-2  | 2.46    | 2.49    | 2.48    | 2.48       | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 50.39   | 50.57   | 50.54   | 50.50      | 0.18    | ppb   |
| Iron       | 57-2  | 49.24   | 50.27   | 54.34   | 51.28      | 5.27    | ppb   |
| Lead       | 206-1 | 1.63    | 1.59    | 1.62    | 1.62       | 1.19    | ppb   |
| Lead       | 207-1 | 1.61    | 1.59    | 1.65    | 1.62       | 1.86    | ppb   |
| Lead       | 208-1 | 1.63    | 1.62    | 1.63    | 1.63       | 0.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 469.82  | 468.25  | 468.58  | 468.88     | 0.18    | ppb   |
| Manganese  | 55-2  | 1.11    | 1.11    | 1.15    | 1.12       | 1.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:09:38 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.01    | 1.99    | 1.99    | 2.00       | 0.52    | ppb   |
| Molybdenum | 95-1  | 4.47    | 4.54    | 4.59    | 4.53       | 1.33    | ppb   |
| Molybdenum | 96-1  | 3.90    | 3.80    | 3.83    | 3.84       | 1.32    | ppb   |
| Molybdenum | 97-1  | 4.36    | 4.49    | 4.44    | 4.43       | 1.52    | ppb   |
| Molybdenum | 98-1  | 4.55    | 4.47    | 4.44    | 4.49       | 1.32    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.10    | 1.04    | 1.08    | 1.07       | 2.74    | ppb   |
| Phosphorus | 31-2  | -0.20   | 2.50    | -2.01   | 0.10       | 2302.43 | ppb   |
| Potassium  | 39-2  | 456.31  | 451.01  | 464.69  | 457.34     | 1.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.84    | 3.17    | 3.45    | 3.82       | 23.30   | ppb   |
| Selenium   | 78-2  | 4.99    | 5.11    | 5.24    | 5.12       | 2.43    | ppb   |
| Selenium   | 82-1  | 4.61    | 5.05    | 4.70    | 4.79       | 4.84    | ppb   |
| Silicon    | 28-1  | 12.51   | 11.60   | 12.89   | 12.33      | 5.38    | ppb   |
| Silver     | 109-1 | 1.29    | 1.28    | 1.28    | 1.28       | 0.67    | ppb   |
| Silver     | 107-1 | 1.26    | 1.29    | 1.35    | 1.30       | 3.71    | ppb   |
| Sodium     | 23-2  | 479.18  | 478.32  | 483.08  | 480.19     | 0.53    | ppb   |
| Strontium  | 86-1  | 1.04    | 0.98    | 0.88    | 0.97       | 8.10    | ppb   |
| Strontium  | 88-1  | 1.00    | 1.01    | 1.03    | 1.01       | 1.37    | ppb   |
| Sulfur     | 34-1  | 112.41  | 99.37   | 335.39  | 182.39     | 72.74   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.97    | 0.98    | 1.01    | 0.99       | 2.01    | ppb   |
| Thallium   | 205-1 | 0.97    | 0.94    | 1.01    | 0.97       | 3.61    | ppb   |
| Tin        | 118-1 | 4.48    | 4.53    | 4.47    | 4.49       | 0.77    | ppb   |
| Titanium   | 47-1  | 4.34    | 4.35    | 4.47    | 4.39       | 1.60    | ppb   |
| Uranium    | 238-1 | 0.91    | 0.89    | 0.91    | 0.90       | 1.35    | ppb   |
| Vanadium   | 51-2  | 4.57    | 4.57    | 4.50    | 4.55       | 0.86    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.27    | 2.11    | 2.24    | 2.21       | 3.73    | ppb   |
| Zirconium  | 90-1  | 0.95    | 0.93    | 0.93    | 0.94       | 1.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:09:38 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.86    | 0.99    | 0.92    | 0.93       | 7.10    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : S3 Instrumnet Name : P7  
 Client Sample ID : S3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:13:23 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 976.71  | 985.25  | 984.84  | 982.27     | 0.49    | ppb   |
| Antimony   | 121-1 | 48.37   | 48.90   | 48.94   | 48.74      | 0.66    | ppb   |
| Arsenic    | 75-2  | 49.40   | 50.21   | 49.72   | 49.78      | 0.82    | ppb   |
| Barium     | 135-1 | 253.82  | 252.42  | 257.02  | 254.42     | 0.93    | ppb   |
| Barium     | 137-1 | 253.04  | 250.28  | 254.41  | 252.58     | 0.83    | ppb   |
| Beryllium  | 9-1   | 49.25   | 48.84   | 49.93   | 49.34      | 1.11    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 48.54   | 48.50   | 50.83   | 49.29      | 2.71    | ppb   |
| Boron      | 11-1  | 48.82   | 48.00   | 51.09   | 49.30      | 3.24    | ppb   |
| Cadmium    | 111-1 | 51.28   | 51.05   | 51.72   | 51.35      | 0.67    | ppb   |
| Cadmium    | 106-1 | 49.95   | 50.87   | 51.78   | 50.87      | 1.79    | ppb   |
| Cadmium    | 108-1 | 50.50   | 51.96   | 52.06   | 51.51      | 1.70    | ppb   |
| Calcium    | 43-1  | 4878.48 | 4887.63 | 4845.02 | 4870.37    | 0.46    | ppb   |
| Calcium    | 44-1  | 4974.45 | 4899.93 | 4962.18 | 4945.52    | 0.81    | ppb   |
| Chromium   | 52-2  | 50.79   | 51.39   | 50.42   | 50.87      | 0.97    | ppb   |
| Cobalt     | 59-2  | 51.89   | 52.43   | 51.88   | 52.06      | 0.61    | ppb   |
| Copper     | 63-2  | 105.64  | 106.84  | 105.93  | 106.14     | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2605.05 | 2630.88 | 2619.53 | 2618.49    | 0.49    | ppb   |
| Iron       | 57-2  | 2581.81 | 2632.15 | 2562.44 | 2592.13    | 1.39    | ppb   |
| Lead       | 206-1 | 48.95   | 47.99   | 48.58   | 48.51      | 0.99    | ppb   |
| Lead       | 207-1 | 48.04   | 47.85   | 48.11   | 48.00      | 0.28    | ppb   |
| Lead       | 208-1 | 48.70   | 48.28   | 48.66   | 48.55      | 0.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 5219.17 | 5255.48 | 5223.09 | 5232.58    | 0.38    | ppb   |
| Manganese  | 55-2  | 101.74  | 102.49  | 101.86  | 102.03     | 0.40    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:13:23 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 48.99   | 49.61   | 49.12   | 49.24      | 0.66    | ppb   |
| Molybdenum | 95-1  | 48.86   | 49.56   | 48.84   | 49.09      | 0.83    | ppb   |
| Molybdenum | 96-1  | 48.73   | 49.61   | 48.42   | 48.92      | 1.26    | ppb   |
| Molybdenum | 97-1  | 48.36   | 49.58   | 48.93   | 48.96      | 1.24    | ppb   |
| Molybdenum | 98-1  | 48.44   | 48.62   | 48.36   | 48.47      | 0.27    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.80   | 53.13   | 52.88   | 52.94      | 0.32    | ppb   |
| Phosphorus | 31-2  | 1057.90 | 1040.08 | 994.04  | 1030.67    | 3.20    | ppb   |
| Potassium  | 39-2  | 2521.94 | 2512.34 | 2527.35 | 2520.55    | 0.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 51.09   | 48.83   | 53.98   | 51.30      | 5.04    | ppb   |
| Selenium   | 78-2  | 50.49   | 51.89   | 51.50   | 51.29      | 1.41    | ppb   |
| Selenium   | 82-1  | 51.69   | 52.80   | 50.48   | 51.66      | 2.25    | ppb   |
| Silicon    | 28-1  | 64.71   | 66.78   | 67.30   | 66.26      | 2.07    | ppb   |
| Silver     | 109-1 | 51.31   | 51.67   | 52.00   | 51.66      | 0.67    | ppb   |
| Silver     | 107-1 | 52.21   | 51.65   | 52.35   | 52.07      | 0.71    | ppb   |
| Sodium     | 23-2  | 5266.06 | 5311.96 | 5260.72 | 5279.58    | 0.53    | ppb   |
| Strontium  | 86-1  | 49.03   | 49.78   | 48.92   | 49.25      | 0.95    | ppb   |
| Strontium  | 88-1  | 50.00   | 50.56   | 50.16   | 50.24      | 0.58    | ppb   |
| Sulfur     | 34-1  | 1069.13 | 1218.03 | 1149.53 | 1145.56    | 6.51    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 48.51   | 47.59   | 48.54   | 48.21      | 1.12    | ppb   |
| Thallium   | 205-1 | 49.59   | 48.49   | 49.44   | 49.18      | 1.22    | ppb   |
| Tin        | 118-1 | 50.10   | 49.79   | 50.31   | 50.07      | 0.53    | ppb   |
| Titanium   | 47-1  | 50.12   | 50.08   | 50.36   | 50.19      | 0.30    | ppb   |
| Uranium    | 238-1 | 46.67   | 46.47   | 46.84   | 46.66      | 0.40    | ppb   |
| Vanadium   | 51-2  | 49.44   | 50.75   | 49.69   | 49.96      | 1.39    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 104.70  | 105.40  | 105.20  | 105.10     | 0.34    | ppb   |
| Zirconium  | 90-1  | 48.61   | 49.31   | 48.76   | 48.89      | 0.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:13:23 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.14   | 49.25   | 48.67   | 48.68      | 1.14    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:17:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2457.22  | 2442.26  | 2456.01  | 2451.83    | 0.34    | ppb   |
| Antimony   | 121-1 | 124.55   | 124.33   | 124.91   | 124.60     | 0.24    | ppb   |
| Arsenic    | 75-2  | 125.15   | 125.86   | 125.22   | 125.41     | 0.31    | ppb   |
| Barium     | 135-1 | 637.02   | 636.75   | 638.65   | 637.47     | 0.16    | ppb   |
| Barium     | 137-1 | 640.16   | 633.45   | 639.19   | 637.60     | 0.57    | ppb   |
| Beryllium  | 9-1   | 125.25   | 123.11   | 123.65   | 124.00     | 0.90    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 125.30   | 126.85   | 126.10   | 126.08     | 0.61    | ppb   |
| Boron      | 11-1  | 121.65   | 122.71   | 123.89   | 122.75     | 0.91    | ppb   |
| Cadmium    | 111-1 | 129.18   | 127.02   | 127.97   | 128.06     | 0.85    | ppb   |
| Cadmium    | 106-1 | 128.62   | 131.04   | 127.87   | 129.18     | 1.28    | ppb   |
| Cadmium    | 108-1 | 128.83   | 128.25   | 127.09   | 128.05     | 0.69    | ppb   |
| Calcium    | 43-1  | 12142.71 | 12124.00 | 12335.89 | 12200.87   | 0.96    | ppb   |
| Calcium    | 44-1  | 12224.74 | 12235.70 | 12195.61 | 12218.69   | 0.17    | ppb   |
| Chromium   | 52-2  | 126.64   | 125.37   | 126.81   | 126.27     | 0.62    | ppb   |
| Cobalt     | 59-2  | 129.61   | 128.97   | 130.54   | 129.71     | 0.61    | ppb   |
| Copper     | 63-2  | 263.89   | 259.85   | 263.98   | 262.57     | 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  | 6544.58  | 6513.11  | 6566.99  | 6541.56    | 0.41    | ppb   |
| Iron       | 57-2  | 6513.92  | 6451.61  | 6490.33  | 6485.29    | 0.49    | ppb   |
| Lead       | 206-1 | 121.92   | 122.94   | 123.03   | 122.63     | 0.50    | ppb   |
| Lead       | 207-1 | 121.39   | 121.29   | 121.20   | 121.29     | 0.08    | ppb   |
| Lead       | 208-1 | 122.20   | 123.02   | 122.76   | 122.66     | 0.34    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 13003.30 | 12733.91 | 13001.52 | 12912.91   | 1.20    | ppb   |
| Manganese  | 55-2  | 254.76   | 252.40   | 254.69   | 253.95     | 0.53    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:17:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 124.57   | 124.45   | 125.26   | 124.76     | 0.35    | ppb   |
| Molybdenum | 95-1  | 125.30   | 123.72   | 124.15   | 124.39     | 0.65    | ppb   |
| Molybdenum | 96-1  | 125.29   | 123.93   | 123.23   | 124.15     | 0.85    | ppb   |
| Molybdenum | 97-1  | 124.81   | 124.30   | 124.13   | 124.41     | 0.29    | ppb   |
| Molybdenum | 98-1  | 123.97   | 123.92   | 123.37   | 123.75     | 0.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 131.84   | 129.18   | 131.64   | 130.89     | 1.13    | ppb   |
| Phosphorus | 31-2  | 2566.09  | 2532.08  | 2615.47  | 2571.21    | 1.63    | ppb   |
| Potassium  | 39-2  | 6308.05  | 6234.27  | 6301.37  | 6281.23    | 0.65    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 127.01   | 123.79   | 136.92   | 129.24     | 5.29    | ppb   |
| Selenium   | 78-2  | 129.27   | 127.59   | 125.68   | 127.51     | 1.41    | ppb   |
| Selenium   | 82-1  | 128.52   | 128.37   | 127.52   | 128.14     | 0.42    | ppb   |
| Silicon    | 28-1  | 167.43   | 168.06   | 171.39   | 168.96     | 1.26    | ppb   |
| Silver     | 109-1 | 129.70   | 128.38   | 129.37   | 129.15     | 0.53    | ppb   |
| Silver     | 107-1 | 130.10   | 128.33   | 128.37   | 128.93     | 0.78    | ppb   |
| Sodium     | 23-2  | 13048.33 | 12872.59 | 12969.41 | 12963.44   | 0.68    | ppb   |
| Strontium  | 86-1  | 125.16   | 123.61   | 124.36   | 124.37     | 0.63    | ppb   |
| Strontium  | 88-1  | 127.53   | 127.01   | 128.31   | 127.62     | 0.51    | ppb   |
| Sulfur     | 34-1  | 2597.25  | 2664.86  | 2896.70  | 2719.60    | 5.77    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 121.34   | 122.16   | 122.36   | 121.96     | 0.44    | ppb   |
| Thallium   | 205-1 | 125.03   | 125.26   | 126.00   | 125.43     | 0.40    | ppb   |
| Tin        | 118-1 | 125.57   | 123.54   | 125.38   | 124.83     | 0.90    | ppb   |
| Titanium   | 47-1  | 124.07   | 124.45   | 124.87   | 124.46     | 0.32    | ppb   |
| Uranium    | 238-1 | 121.06   | 120.41   | 121.13   | 120.87     | 0.33    | ppb   |
| Vanadium   | 51-2  | 125.29   | 123.13   | 125.25   | 124.56     | 0.99    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 262.86   | 260.24   | 259.58   | 260.89     | 0.67    | ppb   |
| Zirconium  | 90-1  | 125.01   | 124.94   | 125.44   | 125.13     | 0.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:17:19 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 124.92  | 123.51  | 123.53  | 123.99     | 0.65    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:20:57 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4870.95  | 4885.55  | 4867.26  | 4874.59    | 0.20    | ppb   |
| Antimony   | 121-1 | 254.37   | 253.19   | 252.46   | 253.34     | 0.38    | ppb   |
| Arsenic    | 75-2  | 251.24   | 253.96   | 250.16   | 251.79     | 0.78    | ppb   |
| Barium     | 135-1 | 1287.55  | 1303.05  | 1300.30  | 1296.97    | 0.64    | ppb   |
| Barium     | 137-1 | 1263.56  | 1264.46  | 1283.27  | 1270.43    | 0.88    | ppb   |
| Beryllium  | 9-1   | 246.36   | 248.09   | 248.49   | 247.65     | 0.46    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 243.65   | 248.63   | 251.10   | 247.79     | 1.53    | ppb   |
| Boron      | 11-1  | 244.24   | 247.26   | 249.51   | 247.01     | 1.07    | ppb   |
| Cadmium    | 111-1 | 260.67   | 258.61   | 258.26   | 259.18     | 0.50    | ppb   |
| Cadmium    | 106-1 | 256.25   | 258.43   | 258.50   | 257.73     | 0.50    | ppb   |
| Cadmium    | 108-1 | 257.62   | 257.02   | 259.49   | 258.04     | 0.50    | ppb   |
| Calcium    | 43-1  | 24900.58 | 24798.07 | 24747.67 | 24815.44   | 0.31    | ppb   |
| Calcium    | 44-1  | 24923.09 | 24744.70 | 24787.86 | 24818.55   | 0.38    | ppb   |
| Chromium   | 52-2  | 255.00   | 254.10   | 252.10   | 253.73     | 0.59    | ppb   |
| Cobalt     | 59-2  | 261.08   | 259.31   | 259.90   | 260.10     | 0.35    | ppb   |
| Copper     | 63-2  | 527.36   | 522.69   | 523.98   | 524.68     | 0.46    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 13231.70 | 13177.74 | 13109.69 | 13173.04   | 0.46    | ppb   |
| Iron       | 57-2  | 13133.27 | 13111.71 | 13059.56 | 13101.52   | 0.29    | ppb   |
| Lead       | 206-1 | 246.38   | 245.74   | 248.51   | 246.88     | 0.59    | ppb   |
| Lead       | 207-1 | 246.04   | 246.71   | 248.02   | 246.93     | 0.41    | ppb   |
| Lead       | 208-1 | 249.65   | 250.57   | 251.21   | 250.48     | 0.31    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 25869.05 | 25670.88 | 25655.48 | 25731.80   | 0.46    | ppb   |
| Manganese  | 55-2  | 513.34   | 512.85   | 510.68   | 512.29     | 0.28    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:20:57 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 252.52   | 251.54   | 249.76   | 251.27     | 0.56    | ppb   |
| Molybdenum | 95-1  | 249.26   | 249.49   | 246.78   | 248.51     | 0.60    | ppb   |
| Molybdenum | 96-1  | 249.82   | 249.68   | 249.31   | 249.60     | 0.11    | ppb   |
| Molybdenum | 97-1  | 249.26   | 248.11   | 249.22   | 248.87     | 0.26    | ppb   |
| Molybdenum | 98-1  | 250.23   | 247.83   | 248.17   | 248.74     | 0.52    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 260.81   | 259.75   | 259.77   | 260.11     | 0.23    | ppb   |
| Phosphorus | 31-2  | 5160.50  | 5022.54  | 5101.47  | 5094.84    | 1.36    | ppb   |
| Potassium  | 39-2  | 12765.73 | 12745.10 | 12724.03 | 12744.96   | 0.16    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 260.22   | 275.45   | 255.85   | 263.84     | 3.90    | ppb   |
| Selenium   | 78-2  | 251.67   | 259.20   | 254.84   | 255.23     | 1.48    | ppb   |
| Selenium   | 82-1  | 257.10   | 256.38   | 258.50   | 257.33     | 0.42    | ppb   |
| Silicon    | 28-1  | 340.66   | 342.44   | 343.93   | 342.34     | 0.48    | ppb   |
| Silver     | 109-1 | 261.32   | 260.23   | 261.06   | 260.87     | 0.22    | ppb   |
| Silver     | 107-1 | 261.67   | 259.20   | 260.80   | 260.55     | 0.48    | ppb   |
| Sodium     | 23-2  | 26027.99 | 26072.34 | 25980.11 | 26026.81   | 0.18    | ppb   |
| Strontium  | 86-1  | 252.03   | 249.39   | 247.96   | 249.79     | 0.83    | ppb   |
| Strontium  | 88-1  | 251.81   | 251.40   | 250.33   | 251.18     | 0.30    | ppb   |
| Sulfur     | 34-1  | 5365.55  | 5210.56  | 5214.23  | 5263.45    | 1.68    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 250.11   | 246.91   | 249.12   | 248.71     | 0.66    | ppb   |
| Thallium   | 205-1 | 249.79   | 246.67   | 251.10   | 249.19     | 0.91    | ppb   |
| Tin        | 118-1 | 255.78   | 254.11   | 252.98   | 254.29     | 0.56    | ppb   |
| Titanium   | 47-1  | 253.65   | 251.89   | 253.68   | 253.07     | 0.41    | ppb   |
| Uranium    | 238-1 | 247.88   | 248.09   | 244.40   | 246.79     | 0.84    | ppb   |
| Vanadium   | 51-2  | 253.39   | 252.46   | 250.45   | 252.10     | 0.60    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 523.37   | 519.86   | 521.22   | 521.48     | 0.34    | ppb   |
| Zirconium  | 90-1  | 251.66   | 248.36   | 249.28   | 249.77     | 0.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:20:57 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 247.98  | 246.75  | 246.42  | 247.05     | 0.33    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:24:31 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9574.90  | 9605.57  | 9656.04  | 9612.17    | 0.43    | ppb   |
| Antimony   | 121-1 | 502.42   | 505.39   | 508.30   | 505.37     | 0.58    | ppb   |
| Arsenic    | 75-2  | 504.36   | 504.19   | 500.21   | 502.92     | 0.47    | ppb   |
| Barium     | 135-1 | 2544.44  | 2553.35  | 2531.80  | 2543.20    | 0.43    | ppb   |
| Barium     | 137-1 | 2517.48  | 2557.26  | 2538.07  | 2537.60    | 0.78    | ppb   |
| Beryllium  | 9-1   | 500.21   | 491.47   | 498.83   | 496.84     | 0.95    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 497.96   | 489.73   | 499.52   | 495.74     | 1.06    | ppb   |
| Boron      | 11-1  | 496.42   | 494.03   | 498.09   | 496.18     | 0.41    | ppb   |
| Cadmium    | 111-1 | 506.63   | 512.24   | 507.31   | 508.73     | 0.60    | ppb   |
| Cadmium    | 106-1 | 514.74   | 507.65   | 510.69   | 511.03     | 0.70    | ppb   |
| Cadmium    | 108-1 | 515.31   | 508.26   | 515.77   | 513.11     | 0.82    | ppb   |
| Calcium    | 43-1  | 49326.67 | 49454.61 | 49074.38 | 49285.22   | 0.39    | ppb   |
| Calcium    | 44-1  | 49507.59 | 49443.38 | 48992.16 | 49314.38   | 0.57    | ppb   |
| Chromium   | 52-2  | 500.56   | 499.96   | 502.57   | 501.03     | 0.27    | ppb   |
| Cobalt     | 59-2  | 510.49   | 512.49   | 512.44   | 511.81     | 0.22    | ppb   |
| Copper     | 63-2  | 1028.93  | 1034.93  | 1034.17  | 1032.68    | 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  | 25679.77 | 25771.88 | 25704.54 | 25718.73   | 0.19    | ppb   |
| Iron       | 57-2  | 25739.31 | 25721.40 | 25696.50 | 25719.07   | 0.08    | ppb   |
| Lead       | 206-1 | 491.68   | 490.62   | 506.17   | 496.16     | 1.75    | ppb   |
| Lead       | 207-1 | 489.19   | 492.55   | 501.53   | 494.42     | 1.29    | ppb   |
| Lead       | 208-1 | 492.41   | 494.48   | 502.85   | 496.58     | 1.11    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 50270.60 | 50375.37 | 50165.64 | 50270.54   | 0.21    | ppb   |
| Manganese  | 55-2  | 1006.17  | 1007.87  | 1010.10  | 1008.05    | 0.20    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:24:31 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 503.39   | 498.07   | 501.00   | 500.82     | 0.53    | ppb   |
| Molybdenum | 95-1  | 499.12   | 502.86   | 502.54   | 501.51     | 0.41    | ppb   |
| Molybdenum | 96-1  | 502.59   | 501.74   | 503.13   | 502.49     | 0.14    | ppb   |
| Molybdenum | 97-1  | 500.24   | 500.08   | 502.00   | 500.78     | 0.21    | ppb   |
| Molybdenum | 98-1  | 502.40   | 502.87   | 500.90   | 502.06     | 0.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 506.28   | 509.21   | 509.32   | 508.27     | 0.34    | ppb   |
| Phosphorus | 31-2  | 10172.40 | 9907.28  | 10144.34 | 10074.67   | 1.45    | ppb   |
| Potassium  | 39-2  | 24494.76 | 24585.50 | 24646.65 | 24575.64   | 0.31    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 500.00   | 520.84   | 511.67   | 510.84     | 2.05    | ppb   |
| Selenium   | 78-2  | 509.90   | 502.53   | 501.72   | 504.72     | 0.89    | ppb   |
| Selenium   | 82-1  | 504.33   | 506.13   | 507.58   | 506.01     | 0.32    | ppb   |
| Silicon    | 28-1  | 511.32   | 514.11   | 515.62   | 513.68     | 0.42    | ppb   |
| Silver     | 109-1 | 505.92   | 517.83   | 514.59   | 512.78     | 1.20    | ppb   |
| Silver     | 107-1 | 512.29   | 513.44   | 507.49   | 511.07     | 0.62    | ppb   |
| Sodium     | 23-2  | 50820.02 | 50637.39 | 50799.53 | 50752.31   | 0.20    | ppb   |
| Strontium  | 86-1  | 494.04   | 496.23   | 498.09   | 496.12     | 0.41    | ppb   |
| Strontium  | 88-1  | 503.95   | 500.25   | 498.45   | 500.89     | 0.56    | ppb   |
| Sulfur     | 34-1  | 10247.90 | 10060.15 | 9799.17  | 10035.74   | 2.25    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 498.14   | 501.03   | 508.71   | 502.63     | 1.09    | ppb   |
| Thallium   | 205-1 | 492.50   | 496.45   | 504.29   | 497.74     | 1.21    | ppb   |
| Tin        | 118-1 | 504.64   | 512.60   | 508.28   | 508.51     | 0.78    | ppb   |
| Titanium   | 47-1  | 502.22   | 502.17   | 495.05   | 499.81     | 0.83    | ppb   |
| Uranium    | 238-1 | 497.66   | 497.39   | 502.76   | 499.27     | 0.61    | ppb   |
| Vanadium   | 51-2  | 496.77   | 498.52   | 498.26   | 497.85     | 0.19    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1013.92  | 1022.00  | 1018.54  | 1018.15    | 0.40    | ppb   |
| Zirconium  | 90-1  | 497.47   | 497.15   | 499.58   | 498.06     | 0.26    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:24:31 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 494.73  | 497.66  | 498.43  | 496.94     | 0.39    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:28:01 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19064.91 | 19166.86 | 19066.57 | 19099.45   | 0.31    | ppb   |
| Antimony   | 121-1 | 995.29   | 1003.72  | 990.77   | 996.59     | 0.66    | ppb   |
| Arsenic    | 75-2  | 997.30   | 1000.27  | 996.59   | 998.05     | 0.20    | ppb   |
| Barium     | 135-1 | 4933.20  | 5025.67  | 4935.77  | 4964.88    | 1.06    | ppb   |
| Barium     | 137-1 | 4966.63  | 4992.76  | 4963.78  | 4974.39    | 0.32    | ppb   |
| Beryllium  | 9-1   | 1003.35  | 1011.98  | 991.66   | 1002.33    | 1.02    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 994.12   | 1017.53  | 996.36   | 1002.67    | 1.29    | ppb   |
| Boron      | 11-1  | 1000.13  | 1013.01  | 996.07   | 1003.07    | 0.88    | ppb   |
| Cadmium    | 111-1 | 992.81   | 996.69   | 989.18   | 992.89     | 0.38    | ppb   |
| Cadmium    | 106-1 | 995.11   | 992.58   | 988.28   | 991.99     | 0.35    | ppb   |
| Cadmium    | 108-1 | 985.27   | 995.38   | 992.28   | 990.98     | 0.52    | ppb   |
| Calcium    | 43-1  | 98492.32 | 97555.19 | 98886.80 | 98311.44   | 0.70    | ppb   |
| Calcium    | 44-1  | 97817.58 | 96432.21 | 97589.60 | 97279.80   | 0.76    | ppb   |
| Chromium   | 52-2  | 996.80   | 1001.37  | 996.87   | 998.35     | 0.26    | ppb   |
| Cobalt     | 59-2  | 992.68   | 990.86   | 989.09   | 990.88     | 0.18    | ppb   |
| Copper     | 63-2  | 1972.62  | 1989.04  | 1965.18  | 1975.61    | 0.62    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 51025.60 | 50960.64 | 51026.27 | 51004.17   | 0.07    | ppb   |
| Iron       | 57-2  | 51278.73 | 51479.77 | 51329.54 | 51362.68   | 0.20    | ppb   |
| Lead       | 206-1 | 1001.12  | 1011.50  | 996.60   | 1003.07    | 0.76    | ppb   |
| Lead       | 207-1 | 1009.59  | 1021.09  | 981.68   | 1004.12    | 2.02    | ppb   |
| Lead       | 208-1 | 1001.17  | 1012.61  | 992.09   | 1001.96    | 1.03    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 98792.42 | 98508.03 | 98591.35 | 98630.60   | 0.15    | ppb   |
| Manganese  | 55-2  | 1993.42  | 1994.28  | 1989.22  | 1992.31    | 0.14    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:28:01 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 987.15   | 1006.28   | 1004.64   | 999.35     | 1.06    | ppb   |
| Molybdenum | 95-1  | 988.39   | 1007.30   | 1003.54   | 999.74     | 1.00    | ppb   |
| Molybdenum | 96-1  | 988.19   | 1005.02   | 1003.86   | 999.02     | 0.94    | ppb   |
| Molybdenum | 97-1  | 989.84   | 1005.64   | 1004.59   | 1000.02    | 0.88    | ppb   |
| Molybdenum | 98-1  | 986.57   | 1001.59   | 1010.40   | 999.52     | 1.21    | ppb   |
| Neodymium  | 150-1 |          |           |           |            |         | cps   |
| Neodymium  | 150-2 |          |           |           |            |         | cps   |
| Nickel     | 60-2  | 993.07   | 992.66    | 991.63    | 992.45     | 0.07    | ppb   |
| Phosphorus | 31-2  | 19730.22 | 20092.66  | 19962.67  | 19928.52   | 0.92    | ppb   |
| Potassium  | 39-2  | 48581.48 | 48887.02  | 48916.98  | 48795.16   | 0.38    | ppb   |
| Rhodium    | 103-1 |          |           |           |            |         | %     |
| Rhodium    | 103-2 |          |           |           |            |         | %     |
| Scandium   | 45-1  |          |           |           |            |         | %     |
| Scandium   | 45-2  |          |           |           |            |         | %     |
| Selenium   | 77-2  | 996.64   | 976.26    | 998.69    | 990.53     | 1.25    | ppb   |
| Selenium   | 78-2  | 993.58   | 986.71    | 1007.58   | 995.95     | 1.07    | ppb   |
| Selenium   | 82-1  | 988.13   | 997.20    | 998.74    | 994.69     | 0.58    | ppb   |
| Silicon    | 28-1  | 969.41   | 949.88    | 971.94    | 963.74     | 1.25    | ppb   |
| Silver     | 109-1 | 980.18   | 994.86    | 995.84    | 990.29     | 0.89    | ppb   |
| Silver     | 107-1 | 989.35   | 991.87    | 992.46    | 991.23     | 0.17    | ppb   |
| Sodium     | 23-2  | 99746.36 | 100440.19 | 100042.84 | 100076.46  | 0.35    | ppb   |
| Strontium  | 86-1  | 996.67   | 1001.65   | 1008.01   | 1002.11    | 0.57    | ppb   |
| Strontium  | 88-1  | 994.68   | 1000.05   | 1002.04   | 998.92     | 0.38    | ppb   |
| Sulfur     | 34-1  | 20165.48 | 19546.33  | 19932.81  | 19881.54   | 1.57    | ppb   |
| Terbium    | 159-1 |          |           |           |            |         | %     |
| Terbium    | 159-2 |          |           |           |            |         | %     |
| Thallium   | 203-1 | 1002.90  | 1009.35   | 986.18    | 999.48     | 1.20    | ppb   |
| Thallium   | 205-1 | 1012.51  | 1003.00   | 988.45    | 1001.32    | 1.21    | ppb   |
| Tin        | 118-1 | 991.27   | 1003.33   | 989.48    | 994.69     | 0.76    | ppb   |
| Titanium   | 47-1  | 1001.54  | 995.58    | 1001.05   | 999.39     | 0.33    | ppb   |
| Uranium    | 238-1 | 1004.64  | 996.25    | 1004.66   | 1001.85    | 0.48    | ppb   |
| Vanadium   | 51-2  | 1000.18  | 1001.46   | 1000.19   | 1000.61    | 0.07    | ppb   |
| Yttrium    | 89-1  |          |           |           |            |         | %     |
| Yttrium    | 89-2  |          |           |           |            |         | %     |
| Zinc       | 66-2  | 1974.34  | 1989.50   | 1987.97   | 1983.94    | 0.42    | ppb   |
| Zirconium  | 90-1  | 988.56   | 1012.82   | 1001.82   | 1001.07    | 1.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:28:01 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 993.54  | 1005.40 | 1008.44 | 1002.46    | 0.79    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:31:28 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99928.70  | 100820.16 | 99930.78  | 100226.55  | 0.51    | ppb   |
| Antimony   | 121-1 | 3.71      | 3.61      | 3.46      | 3.59       | 3.45    | ppb   |
| Arsenic    | 75-2  | 0.51      | 0.41      | 0.54      | 0.49       | 14.24   | ppb   |
| Barium     | 135-1 | 1.55      | 1.55      | 1.52      | 1.54       | 1.21    | ppb   |
| Barium     | 137-1 | 1.55      | 1.60      | 1.63      | 1.59       | 2.34    | ppb   |
| Beryllium  | 9-1   | 0.11      | 0.11      | 0.08      | 0.10       | 15.27   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 30.86     | 31.94     | 27.73     | 30.18      | 7.23    | ppb   |
| Boron      | 11-1  | 30.46     | 29.07     | 27.33     | 28.95      | 5.41    | ppb   |
| Cadmium    | 111-1 | 0.17      | 0.15      | 0.15      | 0.16       | 5.42    | ppb   |
| Cadmium    | 106-1 | 0.31      | 0.18      | 0.10      | 0.20       | 53.52   | ppb   |
| Cadmium    | 108-1 | 0.16      | 0.18      | 0.07      | 0.14       | 43.97   | ppb   |
| Calcium    | 43-1  | 503283.36 | 500154.78 | 497843.58 | 500427.24  | 0.55    | ppb   |
| Calcium    | 44-1  | 505368.04 | 498701.83 | 497818.06 | 500629.31  | 0.82    | ppb   |
| Chromium   | 52-2  | 3.40      | 3.37      | 3.41      | 3.39       | 0.60    | ppb   |
| Cobalt     | 59-2  | 1.22      | 1.26      | 1.25      | 1.24       | 1.88    | ppb   |
| Copper     | 63-2  | 3.02      | 2.99      | 2.84      | 2.95       | 3.30    | 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  | 248386.67 | 250921.95 | 249746.88 | 249685.17  | 0.51    | ppb   |
| Iron       | 57-2  | 249396.27 | 250783.28 | 248676.48 | 249618.68  | 0.43    | ppb   |
| Lead       | 206-1 | 1.80      | 1.92      | 1.86      | 1.86       | 3.32    | ppb   |
| Lead       | 207-1 | 1.82      | 1.83      | 1.78      | 1.81       | 1.49    | ppb   |
| Lead       | 208-1 | 1.79      | 1.88      | 1.81      | 1.83       | 2.55    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 499241.55 | 502895.08 | 498456.23 | 500197.62  | 0.47    | ppb   |
| Manganese  | 55-2  | 5.52      | 5.49      | 5.35      | 5.45       | 1.70    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:31:28 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.69      | 0.68      | 0.67      | 0.68       | 1.46    | ppb   |
| Molybdenum | 95-1  | 1.65      | 1.65      | 1.67      | 1.66       | 0.59    | ppb   |
| Molybdenum | 96-1  | 2.17      | 2.11      | 2.13      | 2.13       | 1.41    | ppb   |
| Molybdenum | 97-1  | 1.64      | 1.64      | 1.63      | 1.64       | 0.56    | ppb   |
| Molybdenum | 98-1  | 1.53      | 1.52      | 1.56      | 1.54       | 1.28    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.37      | 2.38      | 2.32      | 2.36       | 1.30    | ppb   |
| Phosphorus | 31-2  | 8.98      | 12.78     | -1.17     | 6.86       | 105.06  | ppb   |
| Potassium  | 39-2  | 249898.89 | 251532.05 | 249379.83 | 250270.26  | 0.45    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.40      | 0.40      | 0.40      | 0.40       | 0.45    | ppb   |
| Selenium   | 78-2  | 1.48      | 0.76      | 0.62      | 0.95       | 48.40   | ppb   |
| Selenium   | 82-1  | 1.77      | 0.95      | 1.47      | 1.39       | 29.58   | ppb   |
| Silicon    | 28-1  | 9.22      | 9.09      | 8.91      | 9.07       | 1.72    | ppb   |
| Silver     | 109-1 | 0.11      | 0.10      | 0.10      | 0.11       | 7.01    | ppb   |
| Silver     | 107-1 | 0.12      | 0.12      | 0.12      | 0.12       | 3.48    | ppb   |
| Sodium     | 23-2  | 499552.99 | 502290.92 | 497687.41 | 499843.77  | 0.46    | ppb   |
| Strontium  | 86-1  | 34.73     | 34.61     | 34.87     | 34.74      | 0.37    | ppb   |
| Strontium  | 88-1  | 34.88     | 35.15     | 35.31     | 35.11      | 0.62    | ppb   |
| Sulfur     | 34-1  | -553.58   | -507.13   | -630.23   | -563.65    |         | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.34      | 0.36      | 0.32      | 0.34       | 7.02    | ppb   |
| Thallium   | 205-1 | 0.38      | 0.35      | 0.32      | 0.35       | 9.74    | ppb   |
| Tin        | 118-1 | 0.92      | 0.92      | 0.92      | 0.92       | 0.46    | ppb   |
| Titanium   | 47-1  | 0.52      | 0.62      | 0.68      | 0.61       | 13.02   | ppb   |
| Uranium    | 238-1 | 0.07      | 0.07      | 0.07      | 0.07       | 3.36    | ppb   |
| Vanadium   | 51-2  | 0.29      | 0.30      | 0.27      | 0.29       | 4.75    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 5.36      | 5.35      | 5.33      | 5.35       | 0.30    | ppb   |
| Zirconium  | 90-1  | 0.25      | 0.24      | 0.21      | 0.23       | 8.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:31:28 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.25    | 0.22    | 0.25    | 0.24       | 7.53    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:35:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 513.68  | 511.04  | 509.46  | 511.39     | 0.42    | ppb   |
| Antimony   | 121-1 | 197.08  | 200.74  | 200.90  | 199.57     | 1.08    | ppb   |
| Arsenic    | 75-2  | 201.01  | 200.67  | 197.79  | 199.82     | 0.89    | ppb   |
| Barium     | 135-1 | 102.11  | 104.02  | 104.14  | 103.42     | 1.10    | ppb   |
| Barium     | 137-1 | 101.14  | 104.24  | 102.88  | 102.75     | 1.51    | ppb   |
| Beryllium  | 9-1   | 96.37   | 98.09   | 98.20   | 97.55      | 1.05    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 475.91  | 486.88  | 493.03  | 485.27     | 1.79    | ppb   |
| Boron      | 11-1  | 471.40  | 477.11  | 481.20  | 476.57     | 1.03    | ppb   |
| Cadmium    | 111-1 | 106.17  | 107.72  | 108.78  | 107.56     | 1.22    | ppb   |
| Cadmium    | 106-1 | 183.92  | 185.43  | 185.43  | 184.93     | 0.47    | ppb   |
| Cadmium    | 108-1 | 148.84  | 151.85  | 151.92  | 150.87     | 1.16    | ppb   |
| Calcium    | 43-1  | 2263.87 | 2351.59 | 2281.09 | 2298.85    | 2.02    | ppb   |
| Calcium    | 44-1  | 2152.98 | 2160.30 | 2180.36 | 2164.55    | 0.65    | ppb   |
| Chromium   | 52-2  | 98.90   | 99.12   | 98.06   | 98.69      | 0.57    | ppb   |
| Cobalt     | 59-2  | 104.62  | 104.08  | 103.29  | 104.00     | 0.64    | ppb   |
| Copper     | 63-2  | 106.85  | 106.23  | 105.73  | 106.27     | 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  | 1047.00 | 1049.71 | 1046.58 | 1047.76    | 0.16    | ppb   |
| Iron       | 57-2  | 1044.98 | 1048.74 | 1027.83 | 1040.52    | 1.07    | ppb   |
| Lead       | 206-1 | 199.90  | 201.27  | 201.37  | 200.85     | 0.41    | ppb   |
| Lead       | 207-1 | 190.93  | 190.97  | 191.14  | 191.01     | 0.06    | ppb   |
| Lead       | 208-1 | 196.91  | 198.12  | 198.22  | 197.75     | 0.37    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1219.98 | 1232.94 | 1220.41 | 1224.44    | 0.60    | ppb   |
| Manganese  | 55-2  | 102.44  | 102.33  | 102.25  | 102.34     | 0.09    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:35:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 487.30  | 488.28  | 487.65  | 487.74     | 0.10    | ppb   |
| Molybdenum | 95-1  | 491.56  | 489.08  | 497.52  | 492.72     | 0.88    | ppb   |
| Molybdenum | 96-1  | 492.91  | 489.28  | 493.95  | 492.05     | 0.50    | ppb   |
| Molybdenum | 97-1  | 490.54  | 489.62  | 492.35  | 490.84     | 0.28    | ppb   |
| Molybdenum | 98-1  | 493.11  | 491.02  | 494.45  | 492.86     | 0.35    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 106.10  | 105.33  | 104.25  | 105.23     | 0.88    | ppb   |
| Phosphorus | 31-2  | 11.10   | 13.74   | 12.69   | 12.51      | 10.62   | ppb   |
| Potassium  | 39-2  | 2048.41 | 2033.62 | 2055.71 | 2045.91    | 0.55    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 215.85  | 211.07  | 207.96  | 211.63     | 1.88    | ppb   |
| Selenium   | 78-2  | 207.23  | 209.75  | 206.54  | 207.84     | 0.81    | ppb   |
| Selenium   | 82-1  | 205.76  | 207.28  | 208.56  | 207.20     | 0.68    | ppb   |
| Silicon    | 28-1  | 491.17  | 503.92  | 498.69  | 497.93     | 1.29    | ppb   |
| Silver     | 109-1 | 102.58  | 104.22  | 105.17  | 103.99     | 1.26    | ppb   |
| Silver     | 107-1 | 103.77  | 105.29  | 106.46  | 105.17     | 1.28    | ppb   |
| Sodium     | 23-2  | 2081.86 | 2073.05 | 2067.26 | 2074.06    | 0.35    | ppb   |
| Strontium  | 86-1  | 491.39  | 488.81  | 487.69  | 489.30     | 0.39    | ppb   |
| Strontium  | 88-1  | 494.99  | 492.76  | 496.09  | 494.62     | 0.34    | ppb   |
| Sulfur     | 34-1  | -744.34 | -901.68 | -990.91 | -878.98    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 199.69  | 202.80  | 202.44  | 201.64     | 0.84    | ppb   |
| Thallium   | 205-1 | 207.47  | 210.83  | 208.64  | 208.98     | 0.81    | ppb   |
| Tin        | 118-1 | 505.09  | 507.71  | 509.61  | 507.47     | 0.45    | ppb   |
| Titanium   | 47-1  | 492.95  | 487.06  | 495.10  | 491.70     | 0.85    | ppb   |
| Uranium    | 238-1 | 511.27  | 513.13  | 505.06  | 509.82     | 0.83    | ppb   |
| Vanadium   | 51-2  | 98.49   | 98.20   | 98.69   | 98.46      | 0.25    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 211.60  | 211.30  | 208.47  | 210.46     | 0.82    | ppb   |
| Zirconium  | 90-1  | 481.19  | 485.43  | 484.79  | 483.80     | 0.47    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:35:10 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 475.03  | 477.57  | 481.31  | 477.97     | 0.66    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:38:35 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.32    | 1.60    | 2.30    | 1.74       | 28.98   | ppb   |
| Antimony   | 121-1 | 1.10    | 1.00    | 0.99    | 1.03       | 5.85    | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.12    | 0.09    | 0.10       | 26.29   | ppb   |
| Barium     | 135-1 | -0.19   | -0.19   | -0.10   | -0.16      |         | ppb   |
| Barium     | 137-1 | -0.11   | -0.13   | -0.12   | -0.12      |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 115.96  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 18.41   | 18.93   | 17.65   | 18.33      | 3.52    | ppb   |
| Boron      | 11-1  | 17.64   | 16.52   | 17.11   | 17.09      | 3.29    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.05    | 0.12    | 0.06       | 101.62  | ppb   |
| Cadmium    | 106-1 | 0.07    | 0.48    | 1.48    | 0.68       | 107.82  | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.08    | 0.03       | 145.35  | ppb   |
| Calcium    | 43-1  | 7.68    | 4.91    | 7.11    | 6.56       | 22.27   | ppb   |
| Calcium    | 44-1  | 6.56    | 6.89    | 7.48    | 6.98       | 6.66    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.00    | 0.01       | 153.11  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.13    | 0.14    | 0.15    | 0.14       | 6.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2.80    | 2.86    | 2.80    | 2.82       | 1.10    | ppb   |
| Iron       | 57-2  | 3.29    | 4.07    | 2.63    | 3.33       | 21.61   | ppb   |
| Lead       | 206-1 | 0.11    | 0.10    | 0.11    | 0.10       | 6.68    | ppb   |
| Lead       | 207-1 | 0.09    | 0.11    | 0.10    | 0.10       | 8.63    | ppb   |
| Lead       | 208-1 | 0.10    | 0.09    | 0.10    | 0.10       | 3.75    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3.89    | 4.42    | 4.51    | 4.27       | 7.86    | ppb   |
| Manganese  | 55-2  | 0.01    | 0.02    | 0.01    | 0.01       | 62.10   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:38:35 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.15    | 0.17    | 0.18    | 0.17       | 7.72    | ppb   |
| Molybdenum | 95-1  | 0.42    | 0.37    | 0.39    | 0.40       | 6.43    | ppb   |
| Molybdenum | 96-1  | 0.39    | 0.37    | 0.36    | 0.37       | 4.47    | ppb   |
| Molybdenum | 97-1  | 0.39    | 0.44    | 0.39    | 0.40       | 7.32    | ppb   |
| Molybdenum | 98-1  | 0.44    | 0.38    | 0.37    | 0.40       | 9.34    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 9.66    | -0.48   | 3.03    | 4.07       | 126.43  | ppb   |
| Potassium  | 39-2  | 31.85   | 31.54   | 31.15   | 31.51      | 1.12    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.08    | 0.36    | -0.19   | 0.08       | 335.68  | ppb   |
| Selenium   | 78-2  | 0.31    | 0.76    | 0.23    | 0.43       | 66.21   | ppb   |
| Selenium   | 82-1  | 0.39    | 0.53    | 0.47    | 0.46       | 15.44   | ppb   |
| Silicon    | 28-1  | -0.80   | 2.54    | 2.05    | 1.26       | 142.93  | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.02       | 27.49   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 33.48   | ppb   |
| Sodium     | 23-2  | 45.65   | 47.24   | 41.86   | 44.92      | 6.15    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.03    | 0.01    | 0.01       | 310.31  | ppb   |
| Strontium  | 88-1  | 0.03    | 0.03    | 0.02    | 0.03       | 18.21   | ppb   |
| Sulfur     | 34-1  | -867.68 | -572.08 | -408.64 | -616.13    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.08    | 0.06    | 0.07    | 0.07       | 12.75   | ppb   |
| Thallium   | 205-1 | 0.07    | 0.06    | 0.05    | 0.06       | 13.03   | ppb   |
| Tin        | 118-1 | 0.53    | 0.44    | 0.50    | 0.49       | 9.19    | ppb   |
| Titanium   | 47-1  | 0.04    | 0.05    | 0.05    | 0.05       | 9.86    | ppb   |
| Uranium    | 238-1 | 0.02    | 0.01    | 0.00    | 0.01       | 83.84   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.43   | -0.27   | -0.49   | -0.40      |         | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.05    | 0.04    | 0.05       | 28.28   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:38:35 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.07    | 0.04       | 41.75   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89381             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-09 16:42:02 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 91040.92  | 90097.37  | 90312.27  | 90483.52   | 0.55    | ppb   |
| Antimony   | 121-1 | 1.58      | 1.49      | 1.53      | 1.53       | 3.10    | ppb   |
| Arsenic    | 75-2  | 0.30      | 0.26      | 0.32      | 0.29       | 9.31    | ppb   |
| Barium     | 135-1 | 1.30      | 1.22      | 1.17      | 1.23       | 5.49    | ppb   |
| Barium     | 137-1 | 1.32      | 1.36      | 1.27      | 1.32       | 3.34    | ppb   |
| Beryllium  | 9-1   | 0.28      | 0.23      | 0.29      | 0.26       | 11.90   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 11.20     | 12.66     | 12.87     | 12.24      | 7.45    | ppb   |
| Boron      | 11-1  | 12.14     | 12.56     | 11.96     | 12.22      | 2.51    | ppb   |
| Cadmium    | 111-1 | 0.56      | 0.50      | 0.50      | 0.52       | 6.83    | ppb   |
| Cadmium    | 106-1 | 1.23      | -0.10     | 0.20      | 0.44       | 156.52  | ppb   |
| Cadmium    | 108-1 | 13.14     | 13.05     | 13.45     | 13.21      | 1.62    | ppb   |
| Calcium    | 43-1  | 96738.23  | 96245.81  | 96617.94  | 96533.99   | 0.27    | ppb   |
| Calcium    | 44-1  | 96333.90  | 96662.15  | 96032.86  | 96342.97   | 0.33    | ppb   |
| Chromium   | 52-2  | 19.48     | 19.38     | 19.79     | 19.55      | 1.08    | ppb   |
| Cobalt     | 59-2  | 1.16      | 1.17      | 1.20      | 1.18       | 1.90    | ppb   |
| Copper     | 63-2  | 8.37      | 8.43      | 8.70      | 8.50       | 2.09    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 100547.90 | 99477.19  | 100269.71 | 100098.27  | 0.56    | ppb   |
| Iron       | 57-2  | 100267.89 | 100008.56 | 100619.51 | 100298.65  | 0.31    | ppb   |
| Lead       | 206-1 | 5.04      | 5.13      | 5.12      | 5.10       | 1.06    | ppb   |
| Lead       | 207-1 | 4.50      | 4.49      | 4.45      | 4.48       | 0.54    | ppb   |
| Lead       | 208-1 | 4.76      | 4.74      | 4.77      | 4.76       | 0.32    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 98912.19  | 98080.50  | 98913.32  | 98635.34   | 0.49    | ppb   |
| Manganese  | 55-2  | 8.08      | 7.86      | 8.08      | 8.01       | 1.58    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89381             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-09 16:42:02 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 577.32    | 581.65   | 585.72    | 581.56     | 0.72    | ppb   |
| Molybdenum | 95-1  | 1905.64   | 1904.56  | 1933.64   | 1914.61    | 0.86    | ppb   |
| Molybdenum | 96-1  | 1591.27   | 1587.64  | 1615.76   | 1598.22    | 0.96    | ppb   |
| Molybdenum | 97-1  | 1945.17   | 1954.95  | 1961.78   | 1953.97    | 0.43    | ppb   |
| Molybdenum | 98-1  | 1922.64   | 1920.74  | 1941.72   | 1928.36    | 0.60    | ppb   |
| Neodymium  | 150-1 |           |          |           |            |         | cps   |
| Neodymium  | 150-2 |           |          |           |            |         | cps   |
| Nickel     | 60-2  | 5.22      | 5.11     | 5.32      | 5.22       | 2.04    | ppb   |
| Phosphorus | 31-2  | 100843.13 | 99747.99 | 100289.25 | 100293.46  | 0.55    | ppb   |
| Potassium  | 39-2  | 98278.95  | 97287.46 | 97667.08  | 97744.49   | 0.51    | ppb   |
| Rhodium    | 103-1 |           |          |           |            |         | %     |
| Rhodium    | 103-2 |           |          |           |            |         | %     |
| Scandium   | 45-1  |           |          |           |            |         | %     |
| Scandium   | 45-2  |           |          |           |            |         | %     |
| Selenium   | 77-2  | -0.19     | -0.19    | 0.08      | -0.10      |         | ppb   |
| Selenium   | 78-2  | -0.24     | 0.21     | -0.73     | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.94      | 0.94     | 0.52      | 0.80       | 30.45   | ppb   |
| Silicon    | 28-1  | 28.29     | 27.41    | 27.41     | 27.70      | 1.82    | ppb   |
| Silver     | 109-1 | 0.12      | 0.12     | 0.13      | 0.13       | 5.58    | ppb   |
| Silver     | 107-1 | 0.11      | 0.12     | 0.13      | 0.12       | 8.85    | ppb   |
| Sodium     | 23-2  | 100756.14 | 99218.70 | 100176.16 | 100050.33  | 0.78    | ppb   |
| Strontium  | 86-1  | 32.69     | 32.50    | 32.75     | 32.65      | 0.40    | ppb   |
| Strontium  | 88-1  | 33.37     | 33.09    | 33.48     | 33.31      | 0.61    | ppb   |
| Sulfur     | 34-1  | 73883.13  | 73040.16 | 74023.84  | 73649.04   | 0.72    | ppb   |
| Terbium    | 159-1 |           |          |           |            |         | %     |
| Terbium    | 159-2 |           |          |           |            |         | %     |
| Thallium   | 203-1 | 0.09      | 0.12     | 0.11      | 0.11       | 16.68   | ppb   |
| Thallium   | 205-1 | 0.10      | 0.11     | 0.12      | 0.11       | 6.55    | ppb   |
| Tin        | 118-1 | 0.31      | 0.32     | 0.33      | 0.32       | 2.17    | ppb   |
| Titanium   | 47-1  | 1964.35   | 1949.52  | 1963.86   | 1959.24    | 0.43    | ppb   |
| Uranium    | 238-1 | 0.01      | 0.01     | 0.01      | 0.01       | 23.08   | ppb   |
| Vanadium   | 51-2  | 0.14      | 0.14     | 0.14      | 0.14       | 0.91    | ppb   |
| Yttrium    | 89-1  |           |          |           |            |         | %     |
| Yttrium    | 89-2  |           |          |           |            |         | %     |
| Zinc       | 66-2  | 10.73     | 11.38    | 11.15     | 11.09      | 3.01    | ppb   |
| Zirconium  | 90-1  | 0.49      | 0.40     | 0.36      | 0.42       | 16.19   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89381             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-09 16:42:02 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.48    | 0.46    | 0.32    | 0.42       | 20.17   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:45:25 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 89433.61 | 88697.68 | 89376.22 | 89169.17   | 0.46    | ppb   |
| Antimony   | 121-1 | 20.59    | 20.91    | 20.89    | 20.80      | 0.86    | ppb   |
| Arsenic    | 75-2  | 19.66    | 19.65    | 20.32    | 19.88      | 1.94    | ppb   |
| Barium     | 135-1 | 21.34    | 21.35    | 21.91    | 21.53      | 1.51    | ppb   |
| Barium     | 137-1 | 21.33    | 21.55    | 21.64    | 21.51      | 0.72    | ppb   |
| Beryllium  | 9-1   | 20.30    | 20.03    | 20.56    | 20.30      | 1.30    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 54.94    | 57.48    | 60.35    | 57.59      | 4.70    | ppb   |
| Boron      | 11-1  | 57.80    | 58.41    | 60.76    | 58.99      | 2.65    | ppb   |
| Cadmium    | 111-1 | 20.11    | 20.32    | 20.12    | 20.18      | 0.57    | ppb   |
| Cadmium    | 106-1 | 24.73    | 25.35    | 23.90    | 24.66      | 2.95    | ppb   |
| Cadmium    | 108-1 | 36.22    | 35.23    | 35.91    | 35.79      | 1.41    | ppb   |
| Calcium    | 43-1  | 96921.91 | 96538.25 | 95698.20 | 96386.12   | 0.65    | ppb   |
| Calcium    | 44-1  | 96863.05 | 96234.89 | 95131.86 | 96076.60   | 0.91    | ppb   |
| Chromium   | 52-2  | 38.49    | 38.42    | 38.99    | 38.63      | 0.80    | ppb   |
| Cobalt     | 59-2  | 21.17    | 21.17    | 20.66    | 21.00      | 1.39    | ppb   |
| Copper     | 63-2  | 28.26    | 28.44    | 28.32    | 28.34      | 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  | 98710.54 | 98392.66 | 98508.70 | 98537.30   | 0.16    | ppb   |
| Iron       | 57-2  | 99391.91 | 98852.85 | 96911.43 | 98385.40   | 1.33    | ppb   |
| Lead       | 206-1 | 25.15    | 25.08    | 24.89    | 25.04      | 0.53    | ppb   |
| Lead       | 207-1 | 22.95    | 23.27    | 22.82    | 23.01      | 1.01    | ppb   |
| Lead       | 208-1 | 23.85    | 23.92    | 23.73    | 23.83      | 0.40    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 98034.08 | 97592.00 | 98228.79 | 97951.62   | 0.33    | ppb   |
| Manganese  | 55-2  | 27.45    | 27.54    | 27.34    | 27.44      | 0.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:45:25 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 630.49    | 633.02   | 630.95   | 631.49     | 0.21    | ppb   |
| Molybdenum | 95-1  | 1974.02   | 1971.53  | 1947.01  | 1964.19    | 0.76    | ppb   |
| Molybdenum | 96-1  | 1648.16   | 1648.25  | 1638.63  | 1645.02    | 0.34    | ppb   |
| Molybdenum | 97-1  | 1998.97   | 2017.05  | 2000.43  | 2005.48    | 0.50    | ppb   |
| Molybdenum | 98-1  | 1981.14   | 1985.50  | 1985.59  | 1984.08    | 0.13    | ppb   |
| Neodymium  | 150-1 |           |          |          |            |         | cps   |
| Neodymium  | 150-2 |           |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.52     | 24.80    | 24.86    | 24.73      | 0.72    | ppb   |
| Phosphorus | 31-2  | 98465.24  | 98975.31 | 99086.43 | 98842.33   | 0.34    | ppb   |
| Potassium  | 39-2  | 97191.72  | 97265.47 | 97211.10 | 97222.77   | 0.04    | ppb   |
| Rhodium    | 103-1 |           |          |          |            |         | %     |
| Rhodium    | 103-2 |           |          |          |            |         | %     |
| Scandium   | 45-1  |           |          |          |            |         | %     |
| Scandium   | 45-2  |           |          |          |            |         | %     |
| Selenium   | 77-2  | 24.13     | 23.60    | 24.05    | 23.93      | 1.21    | ppb   |
| Selenium   | 78-2  | 18.87     | 18.34    | 20.08    | 19.09      | 4.67    | ppb   |
| Selenium   | 82-1  | 19.69     | 19.91    | 19.42    | 19.68      | 1.25    | ppb   |
| Silicon    | 28-1  | 89.14     | 91.67    | 88.82    | 89.88      | 1.74    | ppb   |
| Silver     | 109-1 | 18.76     | 18.87    | 18.91    | 18.85      | 0.42    | ppb   |
| Silver     | 107-1 | 18.88     | 19.01    | 19.00    | 18.96      | 0.37    | ppb   |
| Sodium     | 23-2  | 100337.90 | 99362.86 | 99552.93 | 99751.23   | 0.52    | ppb   |
| Strontium  | 86-1  | 80.56     | 79.81    | 80.16    | 80.18      | 0.47    | ppb   |
| Strontium  | 88-1  | 81.37     | 81.67    | 81.93    | 81.66      | 0.34    | ppb   |
| Sulfur     | 34-1  | 72844.38  | 72596.52 | 72749.32 | 72730.08   | 0.17    | ppb   |
| Terbium    | 159-1 |           |          |          |            |         | %     |
| Terbium    | 159-2 |           |          |          |            |         | %     |
| Thallium   | 203-1 | 19.80     | 19.97    | 19.89    | 19.89      | 0.42    | ppb   |
| Thallium   | 205-1 | 19.93     | 20.29    | 20.00    | 20.07      | 0.94    | ppb   |
| Tin        | 118-1 | 47.87     | 48.51    | 48.44    | 48.27      | 0.72    | ppb   |
| Titanium   | 47-1  | 1985.08   | 2010.33  | 1986.38  | 1993.93    | 0.71    | ppb   |
| Uranium    | 238-1 | 46.90     | 47.07    | 46.27    | 46.75      | 0.90    | ppb   |
| Vanadium   | 51-2  | 19.15     | 19.33    | 19.52    | 19.33      | 0.96    | ppb   |
| Yttrium    | 89-1  |           |          |          |            |         | %     |
| Yttrium    | 89-2  |           |          |          |            |         | %     |
| Zinc       | 66-2  | 30.58     | 30.53    | 29.97    | 30.36      | 1.12    | ppb   |
| Zirconium  | 90-1  | 47.05     | 47.42    | 47.47    | 47.32      | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:45:25 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 46.48   | 46.74   | 47.01   | 46.74      | 0.56    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89381             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-09 16:48:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49226.30  | 48561.51  | 49073.76  | 48953.86   | 0.71    | ppb   |
| Antimony   | 121-1 | 508.28    | 508.97    | 510.04    | 509.10     | 0.17    | ppb   |
| Arsenic    | 75-2  | 509.30    | 511.23    | 508.73    | 509.76     | 0.26    | ppb   |
| Barium     | 135-1 | 2592.04   | 2580.24   | 2581.51   | 2584.60    | 0.25    | ppb   |
| Barium     | 137-1 | 2603.45   | 2577.85   | 2576.85   | 2586.05    | 0.58    | ppb   |
| Beryllium  | 9-1   | 540.50    | 535.74    | 530.81    | 535.68     | 0.90    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 560.02    | 550.98    | 545.27    | 552.09     | 1.35    | ppb   |
| Boron      | 11-1  | 551.93    | 556.41    | 560.88    | 556.41     | 0.80    | ppb   |
| Cadmium    | 111-1 | 510.80    | 492.94    | 500.88    | 501.54     | 1.78    | ppb   |
| Cadmium    | 106-1 | 517.91    | 502.99    | 509.22    | 510.04     | 1.47    | ppb   |
| Cadmium    | 108-1 | 513.36    | 506.46    | 502.88    | 507.57     | 1.05    | ppb   |
| Calcium    | 43-1  | 243687.27 | 244057.84 | 242675.24 | 243473.45  | 0.29    | ppb   |
| Calcium    | 44-1  | 244590.25 | 243854.98 | 242731.60 | 243725.61  | 0.38    | ppb   |
| Chromium   | 52-2  | 508.85    | 499.27    | 502.26    | 503.46     | 0.97    | ppb   |
| Cobalt     | 59-2  | 496.08    | 493.93    | 496.44    | 495.48     | 0.27    | ppb   |
| Copper     | 63-2  | 973.02    | 963.65    | 962.56    | 966.41     | 0.60    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 122975.68 | 122265.98 | 123073.08 | 122771.58  | 0.36    | ppb   |
| Iron       | 57-2  | 122821.39 | 122385.21 | 122943.31 | 122716.64  | 0.24    | ppb   |
| Lead       | 206-1 | 506.94    | 515.84    | 514.04    | 512.27     | 0.92    | ppb   |
| Lead       | 207-1 | 502.82    | 507.33    | 510.44    | 506.86     | 0.76    | ppb   |
| Lead       | 208-1 | 508.70    | 512.70    | 513.69    | 511.70     | 0.52    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 253906.66 | 252218.48 | 254095.78 | 253406.97  | 0.41    | ppb   |
| Manganese  | 55-2  | 1015.77   | 1000.38   | 1007.41   | 1007.85    | 0.76    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89381             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-09 16:48:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 510.75    | 521.43    | 514.66    | 515.61     | 1.05    | ppb   |
| Molybdenum | 95-1  | 506.72    | 520.37    | 512.55    | 513.21     | 1.33    | ppb   |
| Molybdenum | 96-1  | 510.04    | 520.12    | 517.46    | 515.87     | 1.01    | ppb   |
| Molybdenum | 97-1  | 507.86    | 514.13    | 512.86    | 511.61     | 0.65    | ppb   |
| Molybdenum | 98-1  | 508.79    | 517.44    | 513.75    | 513.32     | 0.85    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 485.47    | 484.27    | 483.97    | 484.57     | 0.16    | ppb   |
| Phosphorus | 31-2  | 10333.30  | 10255.76  | 10116.31  | 10235.12   | 1.07    | ppb   |
| Potassium  | 39-2  | 127119.05 | 126541.95 | 126375.39 | 126678.80  | 0.31    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 507.89    | 499.96    | 504.41    | 504.09     | 0.79    | ppb   |
| Selenium   | 78-2  | 504.14    | 504.66    | 508.79    | 505.86     | 0.50    | ppb   |
| Selenium   | 82-1  | 489.73    | 505.89    | 500.07    | 498.56     | 1.64    | ppb   |
| Silicon    | 28-1  | 532.19    | 533.89    | 535.80    | 533.96     | 0.34    | ppb   |
| Silver     | 109-1 | 512.85    | 491.68    | 500.18    | 501.57     | 2.12    | ppb   |
| Silver     | 107-1 | 509.27    | 496.48    | 505.08    | 503.61     | 1.29    | ppb   |
| Sodium     | 23-2  | 255623.02 | 252141.12 | 255391.53 | 254385.22  | 0.77    | ppb   |
| Strontium  | 86-1  | 517.17    | 525.70    | 521.54    | 521.47     | 0.82    | ppb   |
| Strontium  | 88-1  | 523.55    | 527.71    | 524.59    | 525.28     | 0.41    | ppb   |
| Sulfur     | 34-1  | 9412.32   | 9337.27   | 9103.45   | 9284.35    | 1.74    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 510.32    | 511.41    | 517.20    | 512.98     | 0.72    | ppb   |
| Thallium   | 205-1 | 511.99    | 514.27    | 518.15    | 514.80     | 0.60    | ppb   |
| Tin        | 118-1 | 517.54    | 506.79    | 512.90    | 512.41     | 1.05    | ppb   |
| Titanium   | 47-1  | 502.38    | 507.82    | 504.63    | 504.94     | 0.54    | ppb   |
| Uranium    | 238-1 | 520.89    | 525.34    | 532.67    | 526.30     | 1.13    | ppb   |
| Vanadium   | 51-2  | 510.21    | 503.50    | 506.98    | 506.90     | 0.66    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 960.76    | 948.42    | 955.68    | 954.95     | 0.65    | ppb   |
| Zirconium  | 90-1  | 515.53    | 519.44    | 514.39    | 516.45     | 0.51    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89381             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-09 16:48:48 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 508.90  | 513.87  | 513.41  | 512.06     | 0.54    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : CCB83 Instrumnet Name : P7  
 Client Sample ID : CCB83 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:52:13 DataFile Name : 017CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.32    | 1.54    | 2.60    | 2.15       | 25.48   | ppb   |
| Antimony   | 121-1 | 1.63    | 1.52    | 1.37    | 1.51       | 8.64    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.07    | 0.06    | 0.07       | 17.10   | ppb   |
| Barium     | 135-1 | -0.16   | -0.16   | -0.19   | -0.17      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.12   | -0.11   | -0.10      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.02    | 0.01       | 34.64   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 15.43   | 13.84   | 12.97   | 14.08      | 8.85    | ppb   |
| Boron      | 11-1  | 14.17   | 13.70   | 13.64   | 13.84      | 2.09    | ppb   |
| Cadmium    | 111-1 | 0.08    | 0.08    | 0.05    | 0.07       | 23.22   | ppb   |
| Cadmium    | 106-1 | 0.82    | 0.82    | 0.63    | 0.76       | 15.01   | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.01   | 0.05    | 0.02       | 230.44  | ppb   |
| Calcium    | 43-1  | 11.98   | 4.23    | 1.37    | 5.86       | 93.68   | ppb   |
| Calcium    | 44-1  | 8.65    | 7.84    | 7.59    | 8.03       | 6.92    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.01    | 0.01       | 172.37  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.30    | 0.35    | 0.30    | 0.32       | 9.59    | 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  | 3.92    | 3.70    | 3.79    | 3.80       | 2.86    | ppb   |
| Iron       | 57-2  | 3.43    | 4.09    | 3.65    | 3.72       | 9.01    | ppb   |
| Lead       | 206-1 | 0.11    | 0.11    | 0.12    | 0.11       | 6.09    | ppb   |
| Lead       | 207-1 | 0.13    | 0.12    | 0.13    | 0.13       | 7.81    | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.10    | 0.11       | 7.70    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 4.49    | 3.97    | 2.82    | 3.76       | 22.74   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.02    | 0.01    | 0.01       | 64.40   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:52:13 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.28    | 0.27    | 0.25    | 0.27       | 4.71    | ppb   |
| Molybdenum | 95-1  | 0.59    | 0.56    | 0.60    | 0.58       | 3.34    | ppb   |
| Molybdenum | 96-1  | 0.55    | 0.52    | 0.51    | 0.53       | 3.26    | ppb   |
| Molybdenum | 97-1  | 0.69    | 0.68    | 0.61    | 0.66       | 6.54    | ppb   |
| Molybdenum | 98-1  | 0.61    | 0.59    | 0.57    | 0.59       | 3.61    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | 3.28    | 9.85    | 10.38   | 7.84       | 50.44   | ppb   |
| Potassium  | 39-2  | 62.11   | 57.24   | 57.44   | 58.93      | 4.67    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.20   | 0.85    | 0.58    | 0.41       | 133.30  | ppb   |
| Selenium   | 78-2  | 0.60    | 0.32    | -0.24   | 0.23       | 186.88  | ppb   |
| Selenium   | 82-1  | 0.66    | -0.25   | 0.68    | 0.37       | 144.67  | ppb   |
| Silicon    | 28-1  | 0.94    | 0.23    | -0.21   | 0.32       | 183.10  | ppb   |
| Silver     | 109-1 | 0.07    | 0.06    | 0.05    | 0.06       | 12.46   | ppb   |
| Silver     | 107-1 | 0.06    | 0.05    | 0.05    | 0.05       | 15.50   | ppb   |
| Sodium     | 23-2  | 88.05   | 84.95   | 79.92   | 84.31      | 4.87    | ppb   |
| Strontium  | 86-1  | 0.01    | -0.05   | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.03    | 0.02    | 0.02    | 0.02       | 22.28   | ppb   |
| Sulfur     | 34-1  | -846.13 | -744.35 | -798.60 | -796.36    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.17    | 0.16    | 0.13    | 0.16       | 14.13   | ppb   |
| Thallium   | 205-1 | 0.17    | 0.15    | 0.14    | 0.15       | 9.87    | ppb   |
| Tin        | 118-1 | 0.45    | 0.40    | 0.37    | 0.41       | 10.26   | ppb   |
| Titanium   | 47-1  | 0.09    | 0.07    | 0.10    | 0.08       | 19.82   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.35   | -0.37   | -0.47   | -0.39      |         | ppb   |
| Zirconium  | 90-1  | 0.13    | 0.11    | 0.11    | 0.12       | 8.24    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:52:13 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.14    | 0.11    | 0.12       | 14.54   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:55:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.04   | 15.46   | 16.39   | 15.63      | 4.40    | ppb   |
| Antimony   | 121-1 | 1.96    | 1.92    | 1.90    | 1.93       | 1.58    | ppb   |
| Arsenic    | 75-2  | 0.77    | 0.78    | 0.73    | 0.76       | 3.39    | ppb   |
| Barium     | 135-1 | 6.90    | 7.02    | 7.23    | 7.05       | 2.32    | ppb   |
| Barium     | 137-1 | 7.25    | 7.08    | 7.05    | 7.12       | 1.58    | ppb   |
| Beryllium  | 9-1   | 0.74    | 0.78    | 0.77    | 0.76       | 2.95    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 28.43   | 26.66   | 26.36   | 27.15      | 4.13    | ppb   |
| Boron      | 11-1  | 27.10   | 26.70   | 26.83   | 26.88      | 0.75    | ppb   |
| Cadmium    | 111-1 | 0.72    | 0.84    | 0.82    | 0.79       | 8.33    | ppb   |
| Cadmium    | 106-1 | 0.00    | 1.59    | 1.16    | 0.91       | 89.73   | ppb   |
| Cadmium    | 108-1 | 0.83    | 0.75    | 0.77    | 0.78       | 5.05    | ppb   |
| Calcium    | 43-1  | 365.05  | 384.45  | 358.93  | 369.48     | 3.61    | ppb   |
| Calcium    | 44-1  | 369.30  | 374.89  | 369.55  | 371.25     | 0.85    | ppb   |
| Chromium   | 52-2  | 1.64    | 1.67    | 1.51    | 1.61       | 5.19    | ppb   |
| Cobalt     | 59-2  | 0.76    | 0.76    | 0.76    | 0.76       | 0.45    | ppb   |
| Copper     | 63-2  | 1.97    | 1.97    | 1.96    | 1.97       | 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  | 40.68   | 39.90   | 39.84   | 40.14      | 1.17    | ppb   |
| Iron       | 57-2  | 43.00   | 43.22   | 40.12   | 42.11      | 4.10    | ppb   |
| Lead       | 206-1 | 1.27    | 1.29    | 1.33    | 1.30       | 2.26    | ppb   |
| Lead       | 207-1 | 1.29    | 1.26    | 1.30    | 1.28       | 1.40    | ppb   |
| Lead       | 208-1 | 1.26    | 1.26    | 1.32    | 1.28       | 2.37    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 382.39  | 373.27  | 381.14  | 378.93     | 1.30    | ppb   |
| Manganese  | 55-2  | 0.82    | 0.75    | 0.77    | 0.78       | 4.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:55:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.82    | 1.75    | 1.80    | 1.79       | 2.04    | ppb   |
| Molybdenum | 95-1  | 3.94    | 3.86    | 3.78    | 3.86       | 2.11    | ppb   |
| Molybdenum | 96-1  | 3.36    | 3.34    | 3.28    | 3.33       | 1.15    | ppb   |
| Molybdenum | 97-1  | 3.91    | 3.80    | 4.06    | 3.92       | 3.33    | ppb   |
| Molybdenum | 98-1  | 3.73    | 3.66    | 3.80    | 3.73       | 1.87    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.84    | 0.73    | 0.75    | 0.77       | 7.21    | ppb   |
| Phosphorus | 31-2  | 2.85    | 9.47    | 3.51    | 5.28       | 69.14   | ppb   |
| Potassium  | 39-2  | 423.71  | 428.30  | 424.71  | 425.57     | 0.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.94    | 4.51    | 3.45    | 3.63       | 21.99   | ppb   |
| Selenium   | 78-2  | 4.00    | 3.60    | 4.53    | 4.04       | 11.45   | ppb   |
| Selenium   | 82-1  | 4.29    | 4.37    | 4.27    | 4.31       | 1.27    | ppb   |
| Silicon    | 28-1  | 9.54    | 8.80    | 8.67    | 9.00       | 5.23    | ppb   |
| Silver     | 109-1 | 1.02    | 1.06    | 1.06    | 1.05       | 1.84    | ppb   |
| Silver     | 107-1 | 1.04    | 1.06    | 1.06    | 1.05       | 1.46    | ppb   |
| Sodium     | 23-2  | 449.43  | 446.61  | 446.30  | 447.45     | 0.39    | ppb   |
| Strontium  | 86-1  | 0.77    | 0.82    | 0.74    | 0.78       | 5.09    | ppb   |
| Strontium  | 88-1  | 0.77    | 0.81    | 0.78    | 0.79       | 2.57    | ppb   |
| Sulfur     | 34-1  | -659.93 | -567.66 | -654.67 | -627.42    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.80    | 0.82    | 0.79    | 0.80       | 2.07    | ppb   |
| Thallium   | 205-1 | 0.80    | 0.84    | 0.81    | 0.82       | 2.30    | ppb   |
| Tin        | 118-1 | 3.92    | 3.84    | 3.92    | 3.89       | 1.18    | ppb   |
| Titanium   | 47-1  | 3.67    | 3.71    | 3.57    | 3.65       | 2.05    | ppb   |
| Uranium    | 238-1 | 0.68    | 0.66    | 0.67    | 0.67       | 1.49    | ppb   |
| Vanadium   | 51-2  | 3.72    | 3.78    | 3.70    | 3.73       | 1.19    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.34    | 1.22    | 1.28    | 1.28       | 4.74    | ppb   |
| Zirconium  | 90-1  | 0.87    | 0.85    | 0.87    | 0.86       | 1.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:55:39 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.83    | 0.88    | 0.84    | 0.85       | 2.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:03:54 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.09    | 0.46    | -0.05   | 0.17       | 156.80  | ppb   |
| Antimony   | 121-1 | 0.14    | 0.14    | 0.14    | 0.14       | 0.40    | ppb   |
| Arsenic    | 75-2  | -0.03   | 0.00    | -0.02   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.23   | -0.22   | -0.27   | -0.24      |         | ppb   |
| Barium     | 137-1 | -0.22   | -0.17   | -0.22   | -0.20      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.08    | 4.50    | 4.28    | 4.62       | 9.01    | ppb   |
| Boron      | 11-1  | 4.16    | 4.57    | 4.18    | 4.30       | 5.44    | ppb   |
| Cadmium    | 111-1 | 0.09    | 0.00    | 0.02    | 0.04       | 127.81  | ppb   |
| Cadmium    | 106-1 | 1.35    | 0.25    | 0.35    | 0.65       | 93.19   | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.04    | 0.06    | 0.03       | 126.94  | ppb   |
| Calcium    | 43-1  | -3.13   | -0.95   | 0.45    | -1.21      |         | ppb   |
| Calcium    | 44-1  | 0.81    | 1.20    | 0.82    | 0.94       | 23.89   | ppb   |
| Chromium   | 52-2  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.12    | 0.12    | 0.12    | 0.12       | 0.81    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.40    | 0.55    | 0.61    | 0.52       | 21.41   | ppb   |
| Iron       | 57-2  | 0.73    | 0.59    | 0.45    | 0.59       | 23.63   | ppb   |
| Lead       | 206-1 | 0.00    | 0.02    | 0.02    | 0.01       | 56.80   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.00    | 0.02       | 82.04   | ppb   |
| Lead       | 208-1 | 0.01    | 0.02    | 0.01    | 0.01       | 41.98   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.68    | 0.82    | 1.07    | 0.86       | 22.84   | ppb   |
| Manganese  | 55-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:03:54 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.03    | 0.03       | 0.40    | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.05    | 0.08    | 0.07       | 23.43   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.08    | 0.06    | 0.07       | 12.92   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.07    | 0.09    | 0.07       | 32.23   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.06    | 0.05    | 0.05       | 21.71   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 12.17   | 1.68    | 0.94    | 4.93       | 127.45  | ppb   |
| Potassium  | 39-2  | 21.73   | 24.93   | 21.89   | 22.85      | 7.89    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.20   | 0.06    | -0.20      |         | ppb   |
| Selenium   | 78-2  | -0.04   | 0.42    | 0.48    | 0.29       | 99.88   | ppb   |
| Selenium   | 82-1  | 0.34    | 0.97    | 0.13    | 0.48       | 91.12   | ppb   |
| Silicon    | 28-1  | -0.81   | -0.65   | -1.07   | -0.85      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.02       | 16.33   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.95   | ppb   |
| Sodium     | 23-2  | 38.51   | 42.19   | 40.34   | 40.35      | 4.56    | ppb   |
| Strontium  | 86-1  | 0.03    | -0.01   | -0.04   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -343.33 | -156.20 | -266.44 | -255.32    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.02    | 0.03       | 20.04   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.02    | 0.03       | 6.62    | ppb   |
| Tin        | 118-1 | 0.09    | 0.05    | 0.07    | 0.07       | 29.41   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.02    | 0.07    | 0.04       | 81.14   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.51   | -0.48   | -0.59   | -0.52      |         | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 11.70   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:03:54 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.03    | 0.03       | 49.71   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:07:20 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.99    | 3.44    | 3.97    | 3.47       | 14.20   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.10    | 0.10    | 0.10       | 4.66    | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.03   | -0.01   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.27   | -0.29   | -0.25   | -0.27      |         | ppb   |
| Barium     | 137-1 | -0.26   | -0.24   | -0.24   | -0.25      |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.95    | 3.62    | 3.01    | 3.53       | 13.52   | ppb   |
| Boron      | 11-1  | 3.57    | 3.43    | 3.55    | 3.52       | 2.15    | ppb   |
| Cadmium    | 111-1 | 0.09    | -0.01   | -0.01   | 0.02       | 269.82  | ppb   |
| Cadmium    | 106-1 | 1.28    | -0.03   | -0.12   | 0.38       | 208.46  | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.09    | -0.03   | 0.02       | 414.04  | ppb   |
| Calcium    | 43-1  | 0.04    | 2.40    | 3.68    | 2.04       | 90.69   | ppb   |
| Calcium    | 44-1  | 2.09    | 2.72    | 0.67    | 1.83       | 57.64   | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.08    | 0.09    | 0.09    | 0.09       | 3.17    | 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  | 0.76    | 0.80    | 0.59    | 0.72       | 15.11   | ppb   |
| Iron       | 57-2  | 0.84    | -0.02   | 0.64    | 0.48       | 92.73   | ppb   |
| Lead       | 206-1 | 478.79  | 486.88  | 486.76  | 484.15     | 0.96    | ppb   |
| Lead       | 207-1 | 479.82  | 479.39  | 482.25  | 480.49     | 0.32    | ppb   |
| Lead       | 208-1 | 484.74  | 486.86  | 489.66  | 487.09     | 0.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.27    | 0.45    | 0.56    | 0.42       | 34.64   | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | 0.01    | 0.00       | 307.27  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:07:20 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.02    | 0.02       | 19.36   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.05    | 0.04    | 0.04       | 22.35   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.05    | 0.03    | 0.04       | 30.73   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.05    | 0.03    | 0.03       | 38.50   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.02    | 0.03       | 33.01   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | 0.20    | -1.53   | -1.03   | -0.79      |         | ppb   |
| Potassium  | 39-2  | 20.04   | 24.29   | 21.01   | 21.78      | 10.23   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.06    | -0.46   | -0.21   | -0.20      |         | ppb   |
| Selenium   | 78-2  | -0.53   | 1.10    | -0.13   | 0.15       | 568.53  | ppb   |
| Selenium   | 82-1  | 0.56    | 0.09    | 0.09    | 0.25       | 110.97  | ppb   |
| Silicon    | 28-1  | -2.16   | -1.12   | -1.84   | -1.71      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.01       | 27.20   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 43.44   | ppb   |
| Sodium     | 23-2  | 37.63   | 36.40   | 35.15   | 36.40      | 3.41    | ppb   |
| Strontium  | 86-1  | -0.07   | -0.02   | 0.00    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 110.78  | ppb   |
| Sulfur     | 34-1  | -294.39 | -277.35 | -317.63 | -296.46    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 20.71   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.02       | 16.48   | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.03    | 0.03       | 32.76   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.02    | 0.00    | 0.01       | 78.87   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.31   | -0.45   | -0.48   | -0.41      |         | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.01       | 35.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:07:20 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 29.79   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-01 Instrumnet Name : P7  
 Client Sample ID : DC1849-01-FL1-BRO-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:10:46 DataFile Name : 021SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.56    | 11.47   | 10.09   | 10.04      | 14.48   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.10    | 0.10    | 0.10       | 8.40    | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.19    | 0.23    | 0.21       | 12.11   | ppb   |
| Barium     | 135-1 | 17.04   | 17.33   | 17.66   | 17.34      | 1.81    | ppb   |
| Barium     | 137-1 | 17.25   | 16.96   | 17.08   | 17.10      | 0.86    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.17    | 6.37    | 6.17    | 6.24       | 1.83    | ppb   |
| Boron      | 11-1  | 6.59    | 6.69    | 6.57    | 6.61       | 1.01    | ppb   |
| Cadmium    | 111-1 | 0.35    | 0.40    | 0.35    | 0.37       | 8.63    | ppb   |
| Cadmium    | 106-1 | 0.17    | 0.57    | 0.30    | 0.35       | 58.80   | ppb   |
| Cadmium    | 108-1 | 0.42    | 0.42    | 0.37    | 0.40       | 6.56    | ppb   |
| Calcium    | 43-1  | 5401.35 | 5475.53 | 5398.42 | 5425.10    | 0.81    | ppb   |
| Calcium    | 44-1  | 5504.58 | 5585.93 | 5509.07 | 5533.19    | 0.83    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 187.28  | 187.72  | 186.95  | 187.32     | 0.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 15.54   | 16.26   | 16.07   | 15.96      | 2.33    | ppb   |
| Iron       | 57-2  | 21.65   | 22.82   | 21.21   | 21.89      | 3.80    | ppb   |
| Lead       | 206-1 | 2.07    | 2.08    | 2.05    | 2.07       | 0.59    | ppb   |
| Lead       | 207-1 | 1.85    | 1.86    | 1.89    | 1.87       | 1.21    | ppb   |
| Lead       | 208-1 | 1.96    | 1.96    | 1.96    | 1.96       | 0.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1128.43 | 1129.12 | 1116.84 | 1124.80    | 0.61    | ppb   |
| Manganese  | 55-2  | 10.53   | 10.18   | 10.46   | 10.39      | 1.76    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-01 Instrumnet Name : P7  
 Client Sample ID : DC1849-01-FL1-BRO-W DataFile Name : 021SMPL.d  
 Date & Time Acquired :: 2017-08-09 17:10:46

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.26    | 0.24    | 0.22    | 0.24       | 9.39    | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.03    | 0.03    | 0.04       | 27.58   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.09    | 0.08    | 0.09       | 10.91   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.01    | 0.03    | 0.03       | 66.30   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.04    | 0.04       | 6.39    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.90    | 0.94    | 0.92    | 0.92       | 2.03    | ppb   |
| Phosphorus | 31-2  | 675.32  | 664.00  | 665.62  | 668.31     | 0.92    | ppb   |
| Potassium  | 39-2  | 442.29  | 448.42  | 442.32  | 444.34     | 0.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.03    | -0.46   | 0.03    | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.10   | 0.15    | 0.08    | 0.04       | 296.20  | ppb   |
| Selenium   | 82-1  | 1.12    | 0.49    | 0.53    | 0.71       | 49.82   | ppb   |
| Silicon    | 28-1  | 983.67  | 1006.25 | 990.14  | 993.36     | 1.17    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 34.85   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.02       | 30.04   | ppb   |
| Sodium     | 23-2  | 9217.73 | 9235.65 | 9243.49 | 9232.29    | 0.14    | ppb   |
| Strontium  | 86-1  | 18.03   | 18.21   | 18.14   | 18.13      | 0.50    | ppb   |
| Strontium  | 88-1  | 18.45   | 18.80   | 18.38   | 18.54      | 1.21    | ppb   |
| Sulfur     | 34-1  | 433.94  | 548.26  | 376.03  | 452.74     | 19.36   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.01    | 0.01       | 50.54   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 14.70   | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.45    | 0.52    | 0.45       | 16.22   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.05    | 0.05       | 6.61    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 124.20  | 126.80  | 126.12  | 125.71     | 1.07    | ppb   |
| Zirconium  | 90-1  | 0.36    | 0.30    | 0.30    | 0.32       | 11.55   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-01-FL1-BRO-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:10:46 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.39    | 0.35    | 0.28    | 0.34       | 16.63   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-02 Instrumnet Name : P7  
 Client Sample ID : DC1849-02-FL1-BRO-W DataFile Name : 022SMPL.d  
 Date & Time Acquired :: 2017-08-09 17:14:12

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.91    | 7.77    | 8.09    | 8.26       | 7.10    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.07    | 0.08       | 8.77    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.27    | 0.35    | 0.30       | 17.30   | ppb   |
| Barium     | 135-1 | 14.93   | 14.61   | 15.14   | 14.89      | 1.78    | ppb   |
| Barium     | 137-1 | 15.00   | 14.71   | 14.79   | 14.83      | 1.00    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.36    | 5.87    | 5.95    | 5.73       | 5.59    | ppb   |
| Boron      | 11-1  | 6.14    | 6.14    | 6.42    | 6.24       | 2.60    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.03    | 0.01    | 0.02       | 42.31   | ppb   |
| Cadmium    | 106-1 | 0.27    | 0.36    | 0.13    | 0.25       | 45.06   | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.05   | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5495.45 | 5315.88 | 5379.80 | 5397.04    | 1.69    | ppb   |
| Calcium    | 44-1  | 5522.87 | 5469.41 | 5480.50 | 5490.92    | 0.51    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 25.66   | 25.65   | 25.30   | 25.54      | 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  | 27.56   | 28.11   | 27.48   | 27.72      | 1.24    | ppb   |
| Iron       | 57-2  | 31.53   | 31.68   | 37.62   | 33.61      | 10.33   | ppb   |
| Lead       | 206-1 | 0.28    | 0.24    | 0.29    | 0.27       | 10.12   | ppb   |
| Lead       | 207-1 | 0.24    | 0.22    | 0.23    | 0.23       | 3.98    | ppb   |
| Lead       | 208-1 | 0.25    | 0.24    | 0.24    | 0.25       | 0.95    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1097.49 | 1095.62 | 1091.64 | 1094.91    | 0.27    | ppb   |
| Manganese  | 55-2  | 11.86   | 11.89   | 11.90   | 11.88      | 0.20    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-02 Instrumnet Name : P7  
 Client Sample ID : DC1849-02-FL1-BRO-W DataFile Name : 022SMPL.d  
 Date & Time Acquired :: 2017-08-09 17:14:12

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13    | 0.14    | 0.09    | 0.12       | 19.38   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.04    | 0.03    | 0.04       | 11.82   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.05    | 0.05    | 0.06       | 24.90   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.05    | 0.05    | 0.05       | 5.95    | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.05    | 0.02    | 0.03       | 49.78   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.23    | 0.20    | 0.21       | 8.02    | ppb   |
| Phosphorus | 31-2  | 673.75  | 713.27  | 671.69  | 686.24     | 3.41    | ppb   |
| Potassium  | 39-2  | 440.70  | 436.18  | 441.04  | 439.31     | 0.62    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.21   | 0.05    | -0.13      |         | ppb   |
| Selenium   | 78-2  | -0.31   | -0.17   | 0.38    | -0.03      |         | ppb   |
| Selenium   | 82-1  | 0.52    | 0.62    | 0.03    | 0.39       | 80.13   | ppb   |
| Silicon    | 28-1  | 978.09  | 966.11  | 980.47  | 974.89     | 0.79    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.02    | 0.02       | 27.22   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.02       | 23.41   | ppb   |
| Sodium     | 23-2  | 9368.64 | 9354.81 | 9239.73 | 9321.06    | 0.76    | ppb   |
| Strontium  | 86-1  | 18.31   | 18.23   | 18.13   | 18.23      | 0.49    | ppb   |
| Strontium  | 88-1  | 18.46   | 18.28   | 18.35   | 18.36      | 0.51    | ppb   |
| Sulfur     | 34-1  | 444.94  | 415.16  | 440.00  | 433.36     | 3.68    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.10   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.37   | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.51    | 0.44    | 0.47       | 7.31    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.07    | 0.06    | 0.06       | 10.92   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.71    | 8.75    | 8.83    | 8.76       | 0.67    | ppb   |
| Zirconium  | 90-1  | 0.18    | 0.16    | 0.16    | 0.17       | 6.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-02-FL1-BRO-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:14:12 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.21    | 0.19    | 0.20       | 4.22    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-03 Instrumnet Name : P7  
 Client Sample ID : DC1849-03-FL1-KI-W1-P Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:17:38 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 83.68   | 82.27   | 80.93   | 82.30      | 1.67    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.06    | 0.09    | 0.08       | 20.81   | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.47    | 0.42    | 0.43       | 9.24    | ppb   |
| Barium     | 135-1 | 26.33   | 27.29   | 27.04   | 26.89      | 1.85    | ppb   |
| Barium     | 137-1 | 26.52   | 26.89   | 26.24   | 26.55      | 1.23    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 22.57   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.13    | 6.76    | 6.61    | 6.50       | 5.04    | ppb   |
| Boron      | 11-1  | 6.11    | 6.44    | 5.78    | 6.11       | 5.34    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.05    | 0.04    | 0.03       | 92.51   | ppb   |
| Cadmium    | 106-1 | -0.49   | 0.15    | 0.03    | -0.11      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.15    | 0.15    | 0.12       | 40.22   | ppb   |
| Calcium    | 43-1  | 5453.17 | 5543.87 | 5514.73 | 5503.92    | 0.84    | ppb   |
| Calcium    | 44-1  | 5575.52 | 5672.66 | 5632.46 | 5626.88    | 0.87    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.10    | 0.09    | 0.10       | 6.76    | ppb   |
| Cobalt     | 59-2  | 0.12    | 0.13    | 0.13    | 0.13       | 5.00    | ppb   |
| Copper     | 63-2  | 165.85  | 163.94  | 165.19  | 165.00     | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 326.88  | 327.55  | 325.11  | 326.51     | 0.39    | ppb   |
| Iron       | 57-2  | 342.40  | 321.93  | 323.43  | 329.25     | 3.47    | ppb   |
| Lead       | 206-1 | 3.18    | 3.30    | 3.29    | 3.26       | 1.98    | ppb   |
| Lead       | 207-1 | 2.94    | 3.04    | 2.96    | 2.98       | 1.80    | ppb   |
| Lead       | 208-1 | 3.05    | 3.16    | 3.07    | 3.09       | 1.89    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1140.94 | 1120.41 | 1124.09 | 1128.48    | 0.97    | ppb   |
| Manganese  | 55-2  | 197.77  | 198.14  | 197.92  | 197.94     | 0.09    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-03-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:17:38   | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10    | 0.11    | 0.11    | 0.11       | 8.91    | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.00    | 0.00       | 589.07  | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.04    | 0.03       | 16.88   | ppb   |
| Molybdenum | 97-1  | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.82    | 1.84    | 1.94    | 1.87       | 3.51    | ppb   |
| Phosphorus | 31-2  | 729.97  | 711.50  | 690.88  | 710.78     | 2.75    | ppb   |
| Potassium  | 39-2  | 454.82  | 444.49  | 462.73  | 454.01     | 2.01    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.04    | -0.21   | 0.04    | -0.04      |         | ppb   |
| Selenium   | 78-2  | 0.72    | -0.03   | 0.77    | 0.49       | 92.80   | ppb   |
| Selenium   | 82-1  | 1.20    | 0.30    | 0.88    | 0.80       | 57.67   | ppb   |
| Silicon    | 28-1  | 999.78  | 1029.90 | 994.56  | 1008.08    | 1.89    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 24.30   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.02       | 28.92   | ppb   |
| Sodium     | 23-2  | 9445.06 | 9366.99 | 9372.36 | 9394.81    | 0.46    | ppb   |
| Strontium  | 86-1  | 18.97   | 18.14   | 18.08   | 18.39      | 2.71    | ppb   |
| Strontium  | 88-1  | 18.96   | 19.15   | 18.46   | 18.86      | 1.88    | ppb   |
| Sulfur     | 34-1  | 379.03  | 528.18  | 525.19  | 477.47     | 17.86   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.90   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.02       | 18.49   | ppb   |
| Tin        | 118-1 | 0.06    | 0.08    | 0.06    | 0.07       | 19.12   | ppb   |
| Titanium   | 47-1  | 1.89    | 1.86    | 1.73    | 1.83       | 4.53    | ppb   |
| Uranium    | 238-1 | 0.04    | 0.03    | 0.04    | 0.04       | 10.16   | ppb   |
| Vanadium   | 51-2  | 0.18    | 0.18    | 0.22    | 0.19       | 10.94   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 37.55   | 37.77   | 38.35   | 37.89      | 1.09    | ppb   |
| Zirconium  | 90-1  | 0.18    | 0.17    | 0.16    | 0.17       | 6.78    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-03-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:17:38   | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.16    | 0.20    | 0.18       | 13.13   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-04 Instrumnet Name : P7  
 Client Sample ID : DC1849-04-FL1-KI-W1-P Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:21:04 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.47   | 11.21   | 12.13   | 11.60      | 4.08    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.06    | 0.06       | 9.01    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.24    | 0.26    | 0.26       | 5.98    | ppb   |
| Barium     | 135-1 | 14.88   | 14.84   | 15.21   | 14.98      | 1.35    | ppb   |
| Barium     | 137-1 | 15.00   | 14.84   | 14.90   | 14.91      | 0.55    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.91    | 5.67    | 6.29    | 5.96       | 5.28    | ppb   |
| Boron      | 11-1  | 5.58    | 5.55    | 5.53    | 5.55       | 0.41    | ppb   |
| Cadmium    | 111-1 | 0.05    | -0.03   | 0.04    | 0.02       | 233.04  | ppb   |
| Cadmium    | 106-1 | 0.76    | -0.26   | 0.57    | 0.36       | 152.06  | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.05    | -0.02   | 0.03       | 137.37  | ppb   |
| Calcium    | 43-1  | 5405.07 | 5370.13 | 5345.99 | 5373.73    | 0.55    | ppb   |
| Calcium    | 44-1  | 5499.95 | 5481.62 | 5442.70 | 5474.75    | 0.53    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 74.42   | ppb   |
| Copper     | 63-2  | 38.15   | 37.88   | 37.92   | 37.98      | 0.39    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 42.10   | 41.49   | 41.93   | 41.84      | 0.75    | ppb   |
| Iron       | 57-2  | 44.34   | 46.29   | 47.36   | 46.00      | 3.33    | ppb   |
| Lead       | 206-1 | 0.44    | 0.50    | 0.45    | 0.46       | 6.84    | ppb   |
| Lead       | 207-1 | 0.42    | 0.43    | 0.42    | 0.43       | 1.70    | ppb   |
| Lead       | 208-1 | 0.43    | 0.45    | 0.43    | 0.44       | 2.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1115.81 | 1112.25 | 1114.96 | 1114.34    | 0.17    | ppb   |
| Manganese  | 55-2  | 21.12   | 21.52   | 22.09   | 21.58      | 2.24    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-04-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:21:04   | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.08    | 0.08    | 0.08       | 5.15    | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.03    | 0.02    | 0.01       | 102.20  | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.03    | 0.02       | 25.75   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.02    | 0.00    | 0.02       | 115.45  | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.01    | 0.01       | 28.77   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.39    | 0.37    | 0.36    | 0.37       | 2.84    | ppb   |
| Phosphorus | 31-2  | 729.40  | 679.83  | 668.22  | 692.48     | 4.69    | ppb   |
| Potassium  | 39-2  | 443.21  | 440.09  | 445.63  | 442.97     | 0.63    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | 0.04    | -0.21   | -0.13      |         | ppb   |
| Selenium   | 78-2  | 0.65    | 0.46    | -0.38   | 0.24       | 223.84  | ppb   |
| Selenium   | 82-1  | 0.47    | 0.57    | 0.71    | 0.58       | 20.64   | ppb   |
| Silicon    | 28-1  | 959.28  | 964.20  | 954.21  | 959.23     | 0.52    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.10   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 44.90   | ppb   |
| Sodium     | 23-2  | 9321.44 | 9383.16 | 9497.80 | 9400.80    | 0.95    | ppb   |
| Strontium  | 86-1  | 18.17   | 17.90   | 17.78   | 17.95      | 1.10    | ppb   |
| Strontium  | 88-1  | 18.39   | 18.25   | 18.47   | 18.37      | 0.61    | ppb   |
| Sulfur     | 34-1  | 95.93   | 120.19  | -104.15 | 37.33      | 329.86  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.01       | 70.22   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 48.02   | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.52    | 0.69    | 0.48    | 0.57       | 19.96   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.06    | 0.07       | 2.09    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.13    | 10.31   | 9.64    | 9.69       | 6.13    | ppb   |
| Zirconium  | 90-1  | 0.11    | 0.11    | 0.11    | 0.11       | 0.81    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-04-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:21:04   | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.11    | 0.11    | 0.11       | 0.97    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-05 Instrumnet Name : P7  
 Client Sample ID : DC1849-05-FL1-KI-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:24:30 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.32    | 4.99    | 5.99    | 5.10       | 16.42   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.11    | 0.11       | 0.41    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.23    | 0.30    | 0.26       | 15.91   | ppb   |
| Barium     | 135-1 | 16.50   | 16.38   | 16.44   | 16.44      | 0.37    | ppb   |
| Barium     | 137-1 | 15.97   | 16.28   | 15.83   | 16.02      | 1.43    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.30    | 5.87    | 6.00    | 5.72       | 6.54    | ppb   |
| Boron      | 11-1  | 5.30    | 5.01    | 5.42    | 5.24       | 4.02    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.04    | 0.02    | 0.01       | 395.82  | ppb   |
| Cadmium    | 106-1 | -0.28   | 0.56    | 0.20    | 0.16       | 258.48  | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.03    | 0.05    | 0.07       | 62.86   | ppb   |
| Calcium    | 43-1  | 5345.71 | 5424.38 | 5417.78 | 5395.96    | 0.81    | ppb   |
| Calcium    | 44-1  | 5418.72 | 5487.21 | 5435.62 | 5447.18    | 0.65    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 107.28  | ppb   |
| Copper     | 63-2  | 206.45  | 206.44  | 207.69  | 206.86     | 0.35    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 13.49   | 13.58   | 13.06   | 13.38      | 2.07    | ppb   |
| Iron       | 57-2  | 18.95   | 19.20   | 20.49   | 19.55      | 4.22    | ppb   |
| Lead       | 206-1 | 0.83    | 0.85    | 0.85    | 0.84       | 1.37    | ppb   |
| Lead       | 207-1 | 0.77    | 0.77    | 0.73    | 0.75       | 2.48    | ppb   |
| Lead       | 208-1 | 0.80    | 0.77    | 0.78    | 0.78       | 1.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1118.19 | 1136.73 | 1121.64 | 1125.52    | 0.88    | ppb   |
| Manganese  | 55-2  | 8.09    | 8.14    | 8.21    | 8.15       | 0.73    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-05-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:24:30   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.06    | 0.05    | 0.05       | 11.43   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.01    | 0.01       | 49.19   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.03    | 0.02       | 33.16   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.02    | 0.01    | 0.02       | 82.32   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.02    | 0.01       | 5.26    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.57    | 3.69    | 3.72    | 3.66       | 2.14    | ppb   |
| Phosphorus | 31-2  | 649.07  | 640.00  | 646.13  | 645.07     | 0.72    | ppb   |
| Potassium  | 39-2  | 430.58  | 428.55  | 433.03  | 430.72     | 0.52    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.21   | -0.21   | -0.30      |         | ppb   |
| Selenium   | 78-2  | 0.02    | -0.25   | -0.57   | -0.27      |         | ppb   |
| Selenium   | 82-1  | 0.38    | 0.50    | 1.05    | 0.65       | 55.29   | ppb   |
| Silicon    | 28-1  | 1022.51 | 976.42  | 969.76  | 989.56     | 2.90    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.73   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.01       | 19.93   | ppb   |
| Sodium     | 23-2  | 9364.05 | 9347.50 | 9303.86 | 9338.47    | 0.33    | ppb   |
| Strontium  | 86-1  | 17.97   | 18.13   | 18.10   | 18.07      | 0.49    | ppb   |
| Strontium  | 88-1  | 18.42   | 18.41   | 18.47   | 18.43      | 0.19    | ppb   |
| Sulfur     | 34-1  | -95.42  | 170.91  | 88.66   | 54.72      | 249.23  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.67   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.82   | ppb   |
| Tin        | 118-1 | -0.02   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.46    | 0.38    | 0.36    | 0.40       | 12.32   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.06    | 0.05    | 0.05       | 32.42   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 143.39  | 142.14  | 143.29  | 142.94     | 0.49    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.07    | 0.07    | 0.07       | 3.47    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-05-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:24:30   | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.08    | 0.07    | 0.08       | 10.84   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-06 Instrumnet Name : P7  
 Client Sample ID : DC1849-06-FL1-KI-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:27:56 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.08    | 3.53    | 4.43    | 4.01       | 11.34   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 10.14   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.17    | 0.25    | 0.22       | 18.88   | ppb   |
| Barium     | 135-1 | 18.62   | 18.72   | 18.34   | 18.56      | 1.06    | ppb   |
| Barium     | 137-1 | 18.20   | 18.61   | 18.29   | 18.37      | 1.18    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.45    | 5.85    | 5.88    | 5.73       | 4.21    | ppb   |
| Boron      | 11-1  | 5.08    | 5.28    | 5.16    | 5.17       | 1.90    | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.02   | 0.04    | 0.03       | 157.09  | ppb   |
| Cadmium    | 106-1 | 0.86    | -0.18   | 0.61    | 0.43       | 126.30  | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.02   | 0.03    | 0.01       | 386.75  | ppb   |
| Calcium    | 43-1  | 5321.67 | 5613.12 | 5373.26 | 5436.02    | 2.86    | ppb   |
| Calcium    | 44-1  | 5393.98 | 5610.20 | 5433.26 | 5479.15    | 2.10    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 220.85  | 222.10  | 226.62  | 223.19     | 1.36    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 11.24   | 11.26   | 11.00   | 11.17      | 1.27    | ppb   |
| Iron       | 57-2  | 15.22   | 19.88   | 20.84   | 18.65      | 16.14   | ppb   |
| Lead       | 206-1 | 0.09    | 0.07    | 0.09    | 0.08       | 15.85   | ppb   |
| Lead       | 207-1 | 0.09    | 0.07    | 0.06    | 0.07       | 18.97   | ppb   |
| Lead       | 208-1 | 0.08    | 0.07    | 0.07    | 0.07       | 10.51   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1101.68 | 1114.61 | 1126.14 | 1114.14    | 1.10    | ppb   |
| Manganese  | 55-2  | 6.11    | 6.16    | 6.18    | 6.15       | 0.61    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-06-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:27:56   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.05    | 0.05    | 0.05       | 10.89   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.01    | 0.02       | 25.07   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.02    | 0.02       | 35.90   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.00    | 0.02       | 85.46   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 146.66  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.47    | 0.47    | 0.52    | 0.49       | 6.56    | ppb   |
| Phosphorus | 31-2  | 686.70  | 698.70  | 703.61  | 696.34     | 1.25    | ppb   |
| Potassium  | 39-2  | 431.79  | 433.66  | 440.47  | 435.30     | 1.05    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.04    | 0.05    | 0.05    | 0.05       | 8.08    | ppb   |
| Selenium   | 78-2  | -0.09   | 0.27    | -0.39   | -0.07      |         | ppb   |
| Selenium   | 82-1  | 0.46    | 0.42    | 0.63    | 0.50       | 22.27   | ppb   |
| Silicon    | 28-1  | 939.08  | 987.44  | 949.04  | 958.52     | 2.66    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 41.86   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.24   | ppb   |
| Sodium     | 23-2  | 9211.58 | 9264.49 | 9357.58 | 9277.88    | 0.80    | ppb   |
| Strontium  | 86-1  | 18.49   | 18.56   | 18.61   | 18.55      | 0.32    | ppb   |
| Strontium  | 88-1  | 18.95   | 18.99   | 18.86   | 18.94      | 0.37    | ppb   |
| Sulfur     | 34-1  | -31.58  | 500.16  | 74.88   | 181.15     | 155.31  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 52.72   | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.46    | 0.38    | 0.39       | 17.15   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.04    | 0.05       | 8.11    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 41.64   | 41.69   | 41.85   | 41.73      | 0.26    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.06    | 0.05    | 0.06       | 15.39   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-06-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:27:56   | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.07    | 0.07    | 0.07       | 2.15    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-07 Instrumnet Name : P7  
 Client Sample ID : DC1849-07-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:31:20 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.60    | 8.34    | 6.93    | 7.63       | 9.22    | ppb   |
| Antimony   | 121-1 | 0.13    | 0.14    | 0.15    | 0.14       | 5.99    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.25    | 0.25    | 0.24       | 10.18   | ppb   |
| Barium     | 135-1 | 28.33   | 27.60   | 27.93   | 27.95      | 1.32    | ppb   |
| Barium     | 137-1 | 28.19   | 27.90   | 27.26   | 27.79      | 1.71    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.33    | 5.42    | 6.10    | 5.62       | 7.52    | ppb   |
| Boron      | 11-1  | 5.70    | 5.66    | 5.26    | 5.54       | 4.41    | ppb   |
| Cadmium    | 111-1 | 0.59    | 0.57    | 0.52    | 0.56       | 6.32    | ppb   |
| Cadmium    | 106-1 | 2.22    | 1.80    | 0.91    | 1.64       | 40.90   | ppb   |
| Cadmium    | 108-1 | 1.06    | 1.07    | 1.04    | 1.06       | 1.35    | ppb   |
| Calcium    | 43-1  | 5923.30 | 6037.04 | 5929.67 | 5963.34    | 1.07    | ppb   |
| Calcium    | 44-1  | 6057.04 | 6090.06 | 6066.13 | 6071.08    | 0.28    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.34    | 0.34    | 0.35    | 0.34       | 1.12    | ppb   |
| Copper     | 63-2  | 192.46  | 189.99  | 195.31  | 192.59     | 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  | 23.76   | 23.26   | 23.61   | 23.54      | 1.09    | ppb   |
| Iron       | 57-2  | 29.79   | 28.87   | 30.67   | 29.77      | 3.03    | ppb   |
| Lead       | 206-1 | 4.25    | 4.25    | 4.19    | 4.23       | 0.78    | ppb   |
| Lead       | 207-1 | 3.90    | 3.79    | 3.86    | 3.85       | 1.51    | ppb   |
| Lead       | 208-1 | 4.03    | 4.01    | 3.99    | 4.01       | 0.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1168.59 | 1151.92 | 1174.53 | 1165.01    | 1.01    | ppb   |
| Manganese  | 55-2  | 31.03   | 31.00   | 31.46   | 31.16      | 0.84    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-07-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:31:20   | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.05    | 0.04       | 21.45   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.00    | 0.00    | 0.01       | 144.86  | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.02    | 0.02       | 18.58   | ppb   |
| Molybdenum | 97-1  | 0.01    | -0.01   | 0.02    | 0.00       | 360.67  | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.02    | 0.02    | 0.01       | 69.59   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 195.36  | 193.55  | 197.67  | 195.53     | 1.06    | ppb   |
| Phosphorus | 31-2  | 470.08  | 443.70  | 500.39  | 471.39     | 6.02    | ppb   |
| Potassium  | 39-2  | 499.64  | 490.38  | 506.19  | 498.74     | 1.59    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | 0.03    | -0.46   | -0.22      |         | ppb   |
| Selenium   | 78-2  | 0.47    | 0.18    | 0.30    | 0.32       | 44.84   | ppb   |
| Selenium   | 82-1  | 0.98    | -0.12   | 0.78    | 0.55       | 107.32  | ppb   |
| Silicon    | 28-1  | 1030.38 | 1036.25 | 1028.25 | 1031.63    | 0.40    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.13   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 15.63   | ppb   |
| Sodium     | 23-2  | 9049.22 | 8835.24 | 9047.41 | 8977.29    | 1.37    | ppb   |
| Strontium  | 86-1  | 21.70   | 20.99   | 21.61   | 21.43      | 1.80    | ppb   |
| Strontium  | 88-1  | 21.89   | 21.73   | 21.65   | 21.76      | 0.56    | ppb   |
| Sulfur     | 34-1  | 203.95  | 286.49  | 307.87  | 266.10     | 20.62   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.01       | 59.28   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.43    | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.28    | 0.33    | 0.36    | 0.33       | 12.22   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.04    | 0.04       | 4.20    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2953.83 | 2907.00 | 2970.44 | 2943.76    | 1.12    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.05    | 0.05       | 5.97    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-07-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:31:20   | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.04    | 0.05       | 16.19   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:34:45 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.01    | 3.39    | 2.82    | 3.07       | 9.47    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.02    | 0.02       | 15.30   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.30   | -0.34   | -0.33   | -0.32      |         | ppb   |
| Barium     | 137-1 | -0.28   | -0.29   | -0.29   | -0.29      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.66    | 1.79    | 1.68    | 1.71       | 4.20    | ppb   |
| Boron      | 11-1  | 1.37    | 1.55    | 1.49    | 1.47       | 6.30    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.02    | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.49   | 0.43    | -0.26   | -0.11      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | -0.05   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -0.41   | -1.12   | 1.02    | -0.17      |         | ppb   |
| Calcium    | 44-1  | 0.32    | -0.03   | 1.23    | 0.51       | 128.25  | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.04   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.00    | 0.03    | 0.01       | 287.67  | 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  | 0.16    | 0.26    | 0.16    | 0.20       | 30.13   | ppb   |
| Iron       | 57-2  | 1.10    | 0.83    | 0.34    | 0.76       | 50.39   | ppb   |
| Lead       | 206-1 | 479.83  | 477.05  | 477.47  | 478.12     | 0.31    | ppb   |
| Lead       | 207-1 | 475.14  | 470.51  | 476.04  | 473.90     | 0.63    | ppb   |
| Lead       | 208-1 | 481.42  | 475.07  | 482.43  | 479.64     | 0.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.25   | -0.25   | -0.18   | -0.22      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 199.98  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:34:45 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.03   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.01    | 0.00       | 1001.95 | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | 5.95    | -8.25   | 11.91   | 3.20       | 323.23  | ppb   |
| Potassium  | 39-2  | 12.17   | 13.98   | 13.29   | 13.15      | 6.96    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | -0.20   | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.39    | -0.01   | 0.21    | 0.20       | 102.66  | ppb   |
| Selenium   | 82-1  | 0.76    | 0.52    | -0.03   | 0.42       | 96.49   | ppb   |
| Silicon    | 28-1  | -0.34   | -0.46   | -0.27   | -0.36      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 26.42   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 140.10  | ppb   |
| Sodium     | 23-2  | 27.74   | 28.03   | 28.08   | 27.95      | 0.66    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.02    | 0.02    | 0.00       | 505.89  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -637.16 | -733.64 | -440.31 | -603.70    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.01    | 0.01       | 72.98   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.01    | 0.01       | 41.37   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.02   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.58   | -0.51   | -0.50   | -0.53      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:34:45 | DataFile Name :   | 028SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:38:09 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.18    | 0.86    | 0.27    | 0.44       | 84.61   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.03    | 0.02       | 18.82   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.33   | -0.33   | -0.33   | -0.33      |         | ppb   |
| Barium     | 137-1 | -0.31   | -0.29   | -0.30   | -0.30      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.47    | 0.92    | 1.08    | 1.16       | 24.43   | ppb   |
| Boron      | 11-1  | 1.06    | 1.11    | 0.79    | 0.99       | 17.11   | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.05   | 0.09    | 0.01       | 653.99  | ppb   |
| Cadmium    | 106-1 | 0.16    | -0.46   | 1.31    | 0.34       | 267.12  | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.01   | 0.01    | 0.02       | 218.20  | ppb   |
| Calcium    | 43-1  | -1.19   | 0.89    | -2.58   | -0.96      |         | ppb   |
| Calcium    | 44-1  | -0.73   | -0.80   | -0.20   | -0.58      |         | ppb   |
| Chromium   | 52-2  | -0.03   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.01    | 0.00    | 0.01       | 138.65  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | -0.27   | -0.31   | -0.28   | -0.28      |         | ppb   |
| Iron       | 57-2  | -0.31   | -0.94   | -0.30   | -0.52      |         | ppb   |
| Lead       | 206-1 | 0.01    | -0.01   | 0.01    | 0.01       | 214.53  | ppb   |
| Lead       | 207-1 | 0.01    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.45   | -0.69   | -0.47   | -0.54      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:38:09 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 6.78    | 13.76   | 6.00    | 8.85       | 48.30   | ppb   |
| Potassium  | 39-2  | 5.19    | 9.64    | 8.26    | 7.70       | 29.62   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.07    | -0.20   | -0.20   | -0.11      |         | ppb   |
| Selenium   | 78-2  | 0.11    | -0.21   | 0.28    | 0.06       | 415.14  | ppb   |
| Selenium   | 82-1  | 1.10    | 0.50    | -0.08   | 0.51       | 117.28  | ppb   |
| Silicon    | 28-1  | -0.89   | -1.87   | -1.01   | -1.26      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 156.64  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 621.03  | ppb   |
| Sodium     | 23-2  | 23.71   | 24.82   | 26.62   | 25.05      | 5.86    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.10   | -0.01   | -0.05      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -363.29 | -415.38 | -370.63 | -383.10    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 58.69   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.02   | 0.03    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.61   | -0.61   | -0.61   | -0.61      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:38:09 | DataFile Name :   | 029SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-08 Instrumnet Name : P7  
 Client Sample ID : DC1849-08-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:41:35 DataFile Name : 030SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.54   | 15.81   | 14.95   | 15.10      | 4.30    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 12.60   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.23    | 0.21    | 0.23       | 9.66    | ppb   |
| Barium     | 135-1 | 16.35   | 16.11   | 15.95   | 16.14      | 1.24    | ppb   |
| Barium     | 137-1 | 16.36   | 16.19   | 16.29   | 16.28      | 0.55    | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.58    | 4.87    | 3.81    | 4.42       | 12.47   | ppb   |
| Boron      | 11-1  | 4.49    | 4.61    | 4.54    | 4.55       | 1.28    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.01   | 0.02    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.17   | -0.03   | 0.37    | -0.28      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5384.33 | 5357.56 | 5399.33 | 5380.41    | 0.39    | ppb   |
| Calcium    | 44-1  | 5449.15 | 5449.36 | 5392.65 | 5430.39    | 0.60    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | 0.01    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 112.41  | ppb   |
| Copper     | 63-2  | 167.84  | 166.88  | 166.89  | 167.20     | 0.33    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 35.78   | 36.75   | 35.27   | 35.93      | 2.09    | ppb   |
| Iron       | 57-2  | 44.80   | 38.34   | 53.67   | 45.60      | 16.87   | ppb   |
| Lead       | 206-1 | 1.25    | 1.22    | 1.22    | 1.23       | 1.22    | ppb   |
| Lead       | 207-1 | 1.15    | 1.09    | 1.09    | 1.11       | 3.23    | ppb   |
| Lead       | 208-1 | 1.18    | 1.15    | 1.16    | 1.16       | 1.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1101.39 | 1084.21 | 1093.03 | 1092.88    | 0.79    | ppb   |
| Manganese  | 55-2  | 22.35   | 22.06   | 22.39   | 22.27      | 0.81    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-08-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:41:35   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.06    | 0.05    | 0.05       | 10.01   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 7.83    | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | 227.14  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.79    | 1.96    | 1.79    | 1.85       | 5.12    | ppb   |
| Phosphorus | 31-2  | 692.40  | 665.01  | 703.57  | 686.99     | 2.89    | ppb   |
| Potassium  | 39-2  | 419.13  | 421.24  | 426.86  | 422.41     | 0.95    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.21   | 0.55    | -0.04      |         | ppb   |
| Selenium   | 78-2  | -0.01   | 1.29    | -0.39   | 0.29       | 300.60  | ppb   |
| Selenium   | 82-1  | 0.75    | 0.44    | 0.22    | 0.47       | 56.07   | ppb   |
| Silicon    | 28-1  | 974.96  | 971.88  | 943.23  | 963.36     | 1.82    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.41   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.88   | ppb   |
| Sodium     | 23-2  | 9290.54 | 9294.59 | 9180.71 | 9255.28    | 0.70    | ppb   |
| Strontium  | 86-1  | 17.76   | 18.06   | 17.51   | 17.78      | 1.55    | ppb   |
| Strontium  | 88-1  | 18.13   | 18.04   | 18.04   | 18.07      | 0.27    | ppb   |
| Sulfur     | 34-1  | 267.77  | 394.25  | 304.56  | 322.19     | 20.19   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 15.02   | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.52    | 0.77    | 0.60    | 0.63       | 20.03   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.07    | 0.06    | 0.06       | 6.19    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 39.18   | 39.12   | 38.85   | 39.05      | 0.46    | ppb   |
| Zirconium  | 90-1  | 0.10    | 0.09    | 0.08    | 0.09       | 9.62    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-08-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:41:35   | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.11    | 0.07    | 0.09       | 22.65   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-09 Instrumnet Name : P7  
 Client Sample ID : DC1849-09-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:45:00 DataFile Name : 031SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.04   | 15.93   | 12.29   | 13.75      | 13.96   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 7.97    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.21    | 0.22    | 0.25       | 23.90   | ppb   |
| Barium     | 135-1 | 16.36   | 16.70   | 15.78   | 16.28      | 2.88    | ppb   |
| Barium     | 137-1 | 16.00   | 15.97   | 15.96   | 15.98      | 0.15    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.58    | 4.68    | 4.99    | 4.75       | 4.49    | ppb   |
| Boron      | 11-1  | 4.37    | 4.57    | 4.65    | 4.53       | 3.25    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.11   | -0.06   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.57   | -1.33   | -0.63   | -0.85      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.05    | -0.02   | 0.01       | 312.88  | ppb   |
| Calcium    | 43-1  | 5316.66 | 5342.04 | 5267.71 | 5308.80    | 0.71    | ppb   |
| Calcium    | 44-1  | 5367.75 | 5330.97 | 5331.00 | 5343.24    | 0.40    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.02    | 0.02    | 0.01       | 138.04  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 15.09   | ppb   |
| Copper     | 63-2  | 202.27  | 202.88  | 202.57  | 202.58     | 0.15    | 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  | 28.52   | 26.60   | 27.69   | 27.61      | 3.48    | ppb   |
| Iron       | 57-2  | 32.85   | 32.94   | 32.72   | 32.83      | 0.34    | ppb   |
| Lead       | 206-1 | 3.86    | 3.81    | 3.79    | 3.82       | 1.02    | ppb   |
| Lead       | 207-1 | 3.44    | 3.46    | 3.47    | 3.46       | 0.37    | ppb   |
| Lead       | 208-1 | 3.68    | 3.64    | 3.66    | 3.66       | 0.60    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1106.19 | 1098.31 | 1100.13 | 1101.54    | 0.37    | ppb   |
| Manganese  | 55-2  | 20.07   | 20.16   | 19.80   | 20.01      | 0.92    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-09 Instrumnet Name : P7  
 Client Sample ID : DC1849-09-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:45:00 DataFile Name : 031SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.04    | 0.05    | 0.05       | 5.52    | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.00    | 0.01       | 25.79   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.00    | 0.01       | 139.46  | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.01    | 0.00       | 1734.03 | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.31    | 7.32    | 7.05    | 7.23       | 2.16    | ppb   |
| Phosphorus | 31-2  | 711.44  | 731.33  | 693.51  | 712.09     | 2.66    | ppb   |
| Potassium  | 39-2  | 428.47  | 426.11  | 421.68  | 425.42     | 0.81    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | 0.80    | -0.21   | 0.12       | 471.02  | ppb   |
| Selenium   | 78-2  | 0.11    | 0.14    | 0.26    | 0.17       | 46.31   | ppb   |
| Selenium   | 82-1  | 0.47    | 0.56    | 0.36    | 0.46       | 21.72   | ppb   |
| Silicon    | 28-1  | 1093.57 | 958.47  | 953.26  | 1001.77    | 7.94    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.23    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.08   | ppb   |
| Sodium     | 23-2  | 9340.35 | 9249.27 | 9268.56 | 9286.06    | 0.52    | ppb   |
| Strontium  | 86-1  | 18.18   | 17.75   | 17.74   | 17.89      | 1.39    | ppb   |
| Strontium  | 88-1  | 18.03   | 17.93   | 17.90   | 17.95      | 0.39    | ppb   |
| Sulfur     | 34-1  | 82.38   | 60.89   | 183.11  | 108.79     | 59.98   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.02    | 0.00    | 0.01       | 174.17  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 29.86   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.53    | 0.41    | 0.51    | 0.48       | 13.30   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.05    | 0.06       | 12.82   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 24.47   | 23.88   | 23.93   | 24.09      | 1.36    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.06    | 0.05       | 11.96   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-09-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:45:00   | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.08    | 0.07    | 0.08       | 10.17   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-10 Instrumnet Name : P7  
 Client Sample ID : DC1849-10-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:48:25 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.24   | 9.19    | 9.98    | 9.80       | 5.62    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 9.15    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.27    | 0.27    | 0.26       | 2.74    | ppb   |
| Barium     | 135-1 | 15.58   | 15.65   | 15.69   | 15.64      | 0.36    | ppb   |
| Barium     | 137-1 | 15.63   | 15.52   | 15.85   | 15.67      | 1.06    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.53    | 4.14    | 5.50    | 4.72       | 14.94   | ppb   |
| Boron      | 11-1  | 4.65    | 4.70    | 4.86    | 4.74       | 2.33    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.04   | -0.07   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.28   | -0.35   | -0.74   | -0.46      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.00    | 0.07    | 0.04       | 87.36   | ppb   |
| Calcium    | 43-1  | 5283.65 | 5353.79 | 5422.28 | 5353.24    | 1.29    | ppb   |
| Calcium    | 44-1  | 5346.48 | 5357.78 | 5418.75 | 5374.34    | 0.72    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 109.04  | 109.94  | 109.95  | 109.64     | 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  | 26.25   | 25.65   | 26.26   | 26.05      | 1.34    | ppb   |
| Iron       | 57-2  | 31.03   | 32.23   | 31.63   | 31.63      | 1.89    | ppb   |
| Lead       | 206-1 | 0.63    | 0.58    | 0.60    | 0.60       | 4.50    | ppb   |
| Lead       | 207-1 | 0.53    | 0.57    | 0.55    | 0.55       | 3.76    | ppb   |
| Lead       | 208-1 | 0.57    | 0.57    | 0.59    | 0.57       | 1.97    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1102.49 | 1100.53 | 1093.59 | 1098.87    | 0.43    | ppb   |
| Manganese  | 55-2  | 14.25   | 14.38   | 14.51   | 14.38      | 0.89    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-10 Instrumnet Name : P7  
 Client Sample ID : DC1849-10-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:48:25 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.02    | 0.03       | 31.05   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | -0.01   | 0.00       | 251.58  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.01    | 0.01       | 63.34   | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | 0.02    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.73    | 0.81    | 0.73    | 0.76       | 6.33    | ppb   |
| Phosphorus | 31-2  | 701.88  | 706.92  | 655.78  | 688.19     | 4.10    | ppb   |
| Potassium  | 39-2  | 425.26  | 431.21  | 429.91  | 428.79     | 0.73    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.46   | 0.30    | -0.12      |         | ppb   |
| Selenium   | 78-2  | -0.26   | 0.19    | 0.31    | 0.08       | 392.72  | ppb   |
| Selenium   | 82-1  | 0.53    | 0.68    | 0.45    | 0.55       | 20.86   | ppb   |
| Silicon    | 28-1  | 946.89  | 991.84  | 969.48  | 969.40     | 2.32    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 21.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 33.58   | ppb   |
| Sodium     | 23-2  | 9316.21 | 9285.12 | 9290.63 | 9297.32    | 0.18    | ppb   |
| Strontium  | 86-1  | 18.21   | 18.15   | 18.12   | 18.16      | 0.24    | ppb   |
| Strontium  | 88-1  | 18.16   | 18.23   | 18.12   | 18.17      | 0.29    | ppb   |
| Sulfur     | 34-1  | 201.07  | 105.93  | 205.64  | 170.88     | 32.95   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 122.79  | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.51    | 0.46    | 0.45    | 0.47       | 6.76    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.06    | 0.06       | 10.02   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 7.91    | 7.89    | 7.74    | 7.85       | 1.23    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.04    | 0.04       | 9.41    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-10-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:48:25   | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.07    | 0.06    | 0.06       | 5.40    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-11 Instrumnet Name : P7  
 Client Sample ID : DC1849-11-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:51:50 DataFile Name : 033SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.87    | 8.61    | 5.97    | 7.48       | 18.24   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.11    | 0.10       | 10.47   | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.20    | 0.26    | 0.21       | 18.56   | ppb   |
| Barium     | 135-1 | 17.24   | 17.19   | 17.65   | 17.36      | 1.46    | ppb   |
| Barium     | 137-1 | 17.14   | 17.24   | 17.50   | 17.29      | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.62    | 5.01    | 4.75    | 4.79       | 4.08    | ppb   |
| Boron      | 11-1  | 4.38    | 4.83    | 4.59    | 4.60       | 4.85    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.07    | 0.04    | 0.04       | 50.97   | ppb   |
| Cadmium    | 106-1 | 0.00    | 0.66    | 0.46    | 0.37       | 91.03   | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.03    | 0.18    | 0.09       | 94.50   | ppb   |
| Calcium    | 43-1  | 5098.99 | 5080.52 | 5135.19 | 5104.90    | 0.54    | ppb   |
| Calcium    | 44-1  | 5161.52 | 5155.08 | 5118.40 | 5145.00    | 0.45    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.03    | 0.04       | 8.09    | ppb   |
| Copper     | 63-2  | 260.89  | 258.44  | 254.82  | 258.05     | 1.18    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.59   | 18.25   | 17.13   | 18.32      | 6.74    | ppb   |
| Iron       | 57-2  | 24.35   | 27.33   | 24.42   | 25.36      | 6.70    | ppb   |
| Lead       | 206-1 | 2.03    | 1.95    | 1.91    | 1.96       | 3.20    | ppb   |
| Lead       | 207-1 | 1.81    | 1.74    | 1.78    | 1.77       | 2.13    | ppb   |
| Lead       | 208-1 | 1.92    | 1.83    | 1.84    | 1.87       | 2.74    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1115.75 | 1108.14 | 1091.88 | 1105.26    | 1.10    | ppb   |
| Manganese  | 55-2  | 13.52   | 13.77   | 13.06   | 13.45      | 2.66    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-11 Instrumnet Name : P7  
 Client Sample ID : DC1849-11-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:51:50 DataFile Name : 033SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 18.02   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 128.49  | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | 299.06  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | -0.01   | 0.00       | 2360.48 | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 18.39   | 18.61   | 18.31   | 18.44      | 0.82    | ppb   |
| Phosphorus | 31-2  | 521.26  | 493.68  | 497.62  | 504.19     | 2.96    | ppb   |
| Potassium  | 39-2  | 431.19  | 423.99  | 420.04  | 425.08     | 1.33    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.21   | -0.46   | -0.30      |         | ppb   |
| Selenium   | 78-2  | 0.50    | -0.60   | -0.06   | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.59    | 0.12    | 0.41    | 0.37       | 64.31   | ppb   |
| Silicon    | 28-1  | 969.85  | 962.05  | 974.05  | 968.65     | 0.63    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 20.08   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 24.26   | ppb   |
| Sodium     | 23-2  | 9395.20 | 9293.97 | 9268.11 | 9319.09    | 0.72    | ppb   |
| Strontium  | 86-1  | 16.75   | 17.14   | 16.98   | 16.95      | 1.16    | ppb   |
| Strontium  | 88-1  | 17.44   | 17.52   | 17.57   | 17.51      | 0.35    | ppb   |
| Sulfur     | 34-1  | 374.56  | 436.47  | 310.11  | 373.71     | 16.91   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 161.78  | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.45   | ppb   |
| Tin        | 118-1 | 0.75    | 0.79    | 0.85    | 0.80       | 6.24    | ppb   |
| Titanium   | 47-1  | 0.45    | 0.31    | 0.51    | 0.42       | 24.81   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.04    | 0.04       | 0.83    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 289.80  | 285.90  | 286.91  | 287.54     | 0.70    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.04    | 0.04       | 14.99   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-11-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:51:50   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.06    | 0.06    | 0.05       | 17.56   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-12 Instrumnet Name : P7  
 Client Sample ID : DC1849-12-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:55:15 DataFile Name : 034SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.75    | 7.20    | 14.45   | 10.13      | 37.67   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.05       | 10.71   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.21    | 0.26    | 0.24       | 10.26   | ppb   |
| Barium     | 135-1 | 16.07   | 15.83   | 16.00   | 15.97      | 0.77    | ppb   |
| Barium     | 137-1 | 15.52   | 15.86   | 15.62   | 15.66      | 1.11    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.92    | 4.41    | 4.15    | 4.49       | 8.77    | ppb   |
| Boron      | 11-1  | 4.59    | 4.42    | 4.46    | 4.49       | 1.94    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.08   | -0.02   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.40   | -0.83   | -0.18   | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.02   | 0.03    | 0.01       | 441.43  | ppb   |
| Calcium    | 43-1  | 5395.42 | 5278.16 | 5287.40 | 5320.33    | 1.23    | ppb   |
| Calcium    | 44-1  | 5453.64 | 5409.31 | 5379.95 | 5414.30    | 0.69    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 101.83  | 101.21  | 101.54  | 101.53     | 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  | 24.73   | 23.46   | 23.38   | 23.86      | 3.18    | ppb   |
| Iron       | 57-2  | 36.09   | 31.15   | 29.40   | 32.21      | 10.77   | ppb   |
| Lead       | 206-1 | 0.31    | 0.30    | 0.30    | 0.30       | 0.95    | ppb   |
| Lead       | 207-1 | 0.26    | 0.28    | 0.28    | 0.27       | 5.11    | ppb   |
| Lead       | 208-1 | 0.30    | 0.29    | 0.29    | 0.29       | 2.06    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1116.98 | 1106.30 | 1101.49 | 1108.26    | 0.72    | ppb   |
| Manganese  | 55-2  | 11.31   | 11.52   | 11.38   | 11.40      | 0.91    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-12-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:55:15   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.01    | 0.02    | 0.02       | 38.38   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.59    | 0.66    | 0.64    | 0.63       | 6.19    | ppb   |
| Phosphorus | 31-2  | 710.38  | 696.90  | 723.03  | 710.10     | 1.84    | ppb   |
| Potassium  | 39-2  | 431.84  | 428.95  | 435.23  | 432.00     | 0.73    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.21   | 0.30    | -0.12      |         | ppb   |
| Selenium   | 78-2  | -0.16   | -0.37   | -0.49   | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.43    | 0.47    | 0.69    | 0.53       | 25.79   | ppb   |
| Silicon    | 28-1  | 987.72  | 1006.66 | 944.57  | 979.65     | 3.25    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 44.79   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 140.32  | ppb   |
| Sodium     | 23-2  | 9404.88 | 9342.57 | 9379.83 | 9375.76    | 0.33    | ppb   |
| Strontium  | 86-1  | 18.21   | 18.10   | 18.04   | 18.12      | 0.47    | ppb   |
| Strontium  | 88-1  | 18.43   | 18.15   | 18.10   | 18.22      | 0.97    | ppb   |
| Sulfur     | 34-1  | 313.69  | 207.35  | 323.61  | 281.55     | 22.89   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 22.90   | ppb   |
| Tin        | 118-1 | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.45    | 0.40    | 0.46    | 0.44       | 7.41    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.07    | 0.05    | 0.05       | 31.47   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 13.61   | 13.60   | 13.67   | 13.63      | 0.26    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.03    | 0.04       | 16.09   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-12-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:55:15   | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.06    | 0.03    | 0.05       | 31.16   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-13 Instrumnet Name : P7  
 Client Sample ID : DC1849-13-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:58:41 DataFile Name : 035SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.06    | 3.99    | 4.51    | 4.19       | 6.73    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.11    | 0.08    | 0.09       | 12.62   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.19    | 0.18    | 0.19       | 4.01    | ppb   |
| Barium     | 135-1 | 18.15   | 17.96   | 17.69   | 17.93      | 1.27    | ppb   |
| Barium     | 137-1 | 18.29   | 17.98   | 17.65   | 17.98      | 1.78    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.69    | 4.71    | 5.08    | 4.83       | 4.45    | ppb   |
| Boron      | 11-1  | 4.69    | 4.56    | 5.25    | 4.83       | 7.49    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.06    | 0.04    | 0.04       | 54.47   | ppb   |
| Cadmium    | 106-1 | -0.49   | -0.02   | -0.02   | -0.18      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.13    | 0.12    | 0.11       | 23.30   | ppb   |
| Calcium    | 43-1  | 5118.47 | 5135.42 | 5312.90 | 5188.93    | 2.08    | ppb   |
| Calcium    | 44-1  | 5278.66 | 5236.76 | 5302.30 | 5272.57    | 0.63    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.05   | -0.07   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.06    | 0.05    | 0.06       | 16.05   | ppb   |
| Copper     | 63-2  | 250.48  | 250.37  | 237.25  | 246.03     | 3.09    | 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  | 14.72   | 12.99   | 11.75   | 13.15      | 11.35   | ppb   |
| Iron       | 57-2  | 19.86   | 18.80   | 17.89   | 18.85      | 5.23    | ppb   |
| Lead       | 206-1 | 0.98    | 0.91    | 0.91    | 0.93       | 4.38    | ppb   |
| Lead       | 207-1 | 0.87    | 0.83    | 0.84    | 0.85       | 2.39    | ppb   |
| Lead       | 208-1 | 0.89    | 0.88    | 0.87    | 0.88       | 1.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1129.91 | 1132.75 | 1075.85 | 1112.84    | 2.88    | ppb   |
| Manganese  | 55-2  | 7.92    | 7.58    | 7.41    | 7.64       | 3.39    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-13 Instrumnet Name : P7  
 Client Sample ID : DC1849-13-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:58:41 DataFile Name : 035SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.02    | 0.02       | 28.89   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 50.40   | 50.31   | 48.14   | 49.62      | 2.58    | ppb   |
| Phosphorus | 31-2  | 476.91  | 459.99  | 423.50  | 453.47     | 6.02    | ppb   |
| Potassium  | 39-2  | 477.29  | 474.23  | 442.20  | 464.57     | 4.18    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.05    | 0.05    | 0.04    | 0.05       | 12.28   | ppb   |
| Selenium   | 78-2  | 0.42    | 0.91    | 0.28    | 0.54       | 61.16   | ppb   |
| Selenium   | 82-1  | 0.17    | 0.12    | 1.05    | 0.45       | 117.42  | ppb   |
| Silicon    | 28-1  | 1036.60 | 1035.02 | 1044.93 | 1038.85    | 0.51    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.43   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 19.04   | ppb   |
| Sodium     | 23-2  | 9635.65 | 9635.42 | 9090.00 | 9453.69    | 3.33    | ppb   |
| Strontium  | 86-1  | 17.81   | 18.11   | 17.74   | 17.89      | 1.10    | ppb   |
| Strontium  | 88-1  | 18.33   | 18.26   | 18.01   | 18.20      | 0.93    | ppb   |
| Sulfur     | 34-1  | 560.62  | 657.90  | 757.04  | 658.52     | 14.91   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1361.59 | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 113.47  | ppb   |
| Tin        | 118-1 | -0.06   | -0.08   | -0.04   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.32    | 0.34    | 0.34       | 7.50    | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.04    | 0.04       | 10.88   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 389.21  | 388.85  | 370.93  | 383.00     | 2.73    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 9.72    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-13-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:58:41   | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.04    | 0.03       | 34.40   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-14 Instrumnet Name : P7  
 Client Sample ID : DC1849-14-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:02:11 DataFile Name : 036SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.59    | 6.25    | 4.53    | 5.46       | 15.87   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 2.76    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.28    | 0.23    | 0.25       | 9.79    | ppb   |
| Barium     | 135-1 | 15.58   | 15.86   | 15.46   | 15.63      | 1.29    | ppb   |
| Barium     | 137-1 | 15.36   | 15.25   | 15.46   | 15.35      | 0.68    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.60    | 4.51    | 4.76    | 4.62       | 2.76    | ppb   |
| Boron      | 11-1  | 4.35    | 4.66    | 4.39    | 4.47       | 3.73    | ppb   |
| Cadmium    | 111-1 | 0.05    | -0.03   | -0.01   | 0.00       | 1730.98 | ppb   |
| Cadmium    | 106-1 | 0.62    | -0.33   | 0.02    | 0.11       | 447.34  | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.05   | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5291.87 | 5229.74 | 5291.55 | 5271.05    | 0.68    | ppb   |
| Calcium    | 44-1  | 5390.95 | 5335.52 | 5382.81 | 5369.76    | 0.56    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 96.33   | 96.04   | 95.67   | 96.01      | 0.34    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.58   | 22.60   | 22.04   | 22.40      | 1.41    | ppb   |
| Iron       | 57-2  | 29.86   | 26.68   | 27.11   | 27.88      | 6.19    | ppb   |
| Lead       | 206-1 | 0.17    | 0.17    | 0.17    | 0.17       | 0.90    | ppb   |
| Lead       | 207-1 | 0.16    | 0.13    | 0.17    | 0.16       | 13.20   | ppb   |
| Lead       | 208-1 | 0.16    | 0.14    | 0.17    | 0.16       | 9.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1097.81 | 1092.60 | 1082.91 | 1091.10    | 0.69    | ppb   |
| Manganese  | 55-2  | 10.06   | 10.12   | 9.93    | 10.04      | 0.99    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-14 Instrumnet Name : P7  
 Client Sample ID : DC1849-14-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:02:11 DataFile Name : 036SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.02    | 0.02       | 22.25   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.01    | 0.00       | 2103.30 | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01    | -0.02   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.14    | 2.26    | 2.25    | 2.22       | 3.00    | ppb   |
| Phosphorus | 31-2  | 660.70  | 700.15  | 690.77  | 683.88     | 3.01    | ppb   |
| Potassium  | 39-2  | 431.11  | 424.26  | 417.78  | 424.38     | 1.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.46   | 0.30    | -0.13      |         | ppb   |
| Selenium   | 78-2  | 0.07    | 0.41    | -0.09   | 0.13       | 199.81  | ppb   |
| Selenium   | 82-1  | 0.75    | 0.47    | 0.39    | 0.54       | 34.85   | ppb   |
| Silicon    | 28-1  | 954.99  | 973.36  | 944.58  | 957.64     | 1.52    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 41.76   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 47.33   | ppb   |
| Sodium     | 23-2  | 9347.58 | 9318.10 | 9282.00 | 9315.89    | 0.35    | ppb   |
| Strontium  | 86-1  | 17.56   | 17.92   | 17.68   | 17.72      | 1.03    | ppb   |
| Strontium  | 88-1  | 18.00   | 18.08   | 18.16   | 18.08      | 0.45    | ppb   |
| Sulfur     | 34-1  | 392.41  | 249.41  | 322.96  | 321.59     | 22.24   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 69.54   | ppb   |
| Tin        | 118-1 | -0.06   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.41    | 0.40    | 0.36    | 0.39       | 6.92    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.07    | 0.06       | 14.89   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 26.73   | 26.35   | 26.62   | 26.57      | 0.73    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 15.17   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-14-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:02:11   | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.04    | 0.04    | 0.05       | 20.60   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-15 Instrumnet Name : P7  
 Client Sample ID : DC1849-15-FL1-BRS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:05:36 DataFile Name : 037SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.40    | 7.65    | 5.71    | 7.25       | 19.15   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.05    | 0.05       | 17.32   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.22    | 0.27    | 0.25       | 9.48    | ppb   |
| Barium     | 135-1 | 16.75   | 17.14   | 16.62   | 16.84      | 1.59    | ppb   |
| Barium     | 137-1 | 16.86   | 17.17   | 16.41   | 16.82      | 2.27    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.17    | 4.11    | 4.59    | 4.29       | 6.04    | ppb   |
| Boron      | 11-1  | 4.33    | 4.37    | 4.31    | 4.33       | 0.75    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.01    | 0.00    | 0.01       | 100.41  | ppb   |
| Cadmium    | 106-1 | -0.04   | -0.17   | -0.19   | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.07    | 0.03    | 0.03       | 100.85  | ppb   |
| Calcium    | 43-1  | 5427.31 | 5385.52 | 5372.86 | 5395.23    | 0.53    | ppb   |
| Calcium    | 44-1  | 5517.06 | 5473.14 | 5519.09 | 5503.10    | 0.47    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 160.84  | 160.55  | 159.28  | 160.22     | 0.52    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.76   | 14.48   | 12.96   | 13.40      | 7.03    | ppb   |
| Iron       | 57-2  | 20.54   | 18.43   | 21.17   | 20.05      | 7.15    | ppb   |
| Lead       | 206-1 | 0.68    | 0.73    | 0.71    | 0.71       | 3.51    | ppb   |
| Lead       | 207-1 | 0.63    | 0.64    | 0.68    | 0.65       | 4.14    | ppb   |
| Lead       | 208-1 | 0.66    | 0.67    | 0.67    | 0.67       | 1.05    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1114.28 | 1112.34 | 1108.47 | 1111.70    | 0.27    | ppb   |
| Manganese  | 55-2  | 8.25    | 8.38    | 8.47    | 8.37       | 1.30    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-15 Instrumnet Name : P7  
 Client Sample ID : DC1849-15-FL1-BRS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:05:36 DataFile Name : 037SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.02       | 41.69   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.02    | -0.03   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.88    | 0.84    | 0.84    | 0.85       | 2.30    | ppb   |
| Phosphorus | 31-2  | 709.19  | 712.22  | 716.86  | 712.76     | 0.54    | ppb   |
| Potassium  | 39-2  | 421.23  | 431.14  | 428.65  | 427.00     | 1.21    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.46   | -0.21   | -0.30      |         | ppb   |
| Selenium   | 78-2  | 0.03    | -0.11   | 0.20    | 0.04       | 408.48  | ppb   |
| Selenium   | 82-1  | 0.83    | 0.66    | 0.86    | 0.78       | 13.67   | ppb   |
| Silicon    | 28-1  | 989.64  | 960.64  | 970.05  | 973.44     | 1.52    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.00    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.69   | ppb   |
| Sodium     | 23-2  | 9208.79 | 9261.44 | 9177.39 | 9215.87    | 0.46    | ppb   |
| Strontium  | 86-1  | 17.68   | 17.42   | 18.03   | 17.71      | 1.73    | ppb   |
| Strontium  | 88-1  | 18.20   | 18.27   | 18.34   | 18.27      | 0.40    | ppb   |
| Sulfur     | 34-1  | 397.09  | 392.14  | 315.89  | 368.37     | 12.36   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.01    | 0.01       | 41.94   | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.42    | 0.49    | 0.69    | 0.53       | 25.99   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.04    | 0.04       | 11.89   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 86.96   | 87.30   | 86.62   | 86.96      | 0.39    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02    | 0.03       | 9.31    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-15-FL1-BRS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:05:36  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.04    | 0.05       | 14.32   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-16 Instrumnet Name : P7  
 Client Sample ID : DC1849-16-FL1-BRS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:09:02 DataFile Name : 038SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.23    | 7.90    | 7.09    | 6.74       | 20.34   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.03    | 0.03       | 8.43    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.26    | 0.24    | 0.24       | 8.94    | ppb   |
| Barium     | 135-1 | 15.84   | 15.96   | 16.03   | 15.94      | 0.60    | ppb   |
| Barium     | 137-1 | 15.59   | 15.85   | 15.95   | 15.80      | 1.20    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.46    | 4.28    | 4.35    | 4.36       | 2.11    | ppb   |
| Boron      | 11-1  | 4.26    | 4.03    | 4.12    | 4.14       | 2.77    | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.02    | 0.00    | 0.02       | 87.88   | ppb   |
| Cadmium    | 106-1 | 0.67    | 0.35    | 0.14    | 0.39       | 69.46   | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | 0.03    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5319.08 | 5254.18 | 5230.47 | 5267.91    | 0.87    | ppb   |
| Calcium    | 44-1  | 5378.21 | 5351.11 | 5339.96 | 5356.42    | 0.37    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 2438.05 | ppb   |
| Copper     | 63-2  | 129.69  | 129.28  | 129.83  | 129.60     | 0.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.85   | 16.44   | 16.88   | 19.39      | 24.42   | ppb   |
| Iron       | 57-2  | 24.47   | 25.47   | 22.84   | 24.26      | 5.46    | ppb   |
| Lead       | 206-1 | 0.22    | 0.17    | 0.20    | 0.20       | 14.33   | ppb   |
| Lead       | 207-1 | 0.16    | 0.17    | 0.17    | 0.17       | 4.27    | ppb   |
| Lead       | 208-1 | 0.18    | 0.17    | 0.18    | 0.18       | 3.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1100.51 | 1092.40 | 1096.39 | 1096.43    | 0.37    | ppb   |
| Manganese  | 55-2  | 10.47   | 10.47   | 10.21   | 10.38      | 1.42    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-16 Instrumnet Name : P7  
 Client Sample ID : DC1849-16-FL1-BRS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:09:02 DataFile Name : 038SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.01    | 0.02    | 0.03       | 62.75   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.00    | -0.01   | 0.01       | 249.83  | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.40    | 0.33    | 0.40    | 0.38       | 10.29   | ppb   |
| Phosphorus | 31-2  | 693.96  | 685.18  | 716.12  | 698.42     | 2.28    | ppb   |
| Potassium  | 39-2  | 425.84  | 425.10  | 423.57  | 424.84     | 0.27    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | 0.05    | 0.30    | 0.05       | 552.67  | ppb   |
| Selenium   | 78-2  | 0.06    | 0.10    | -0.75   | -0.20      |         | ppb   |
| Selenium   | 82-1  | 0.98    | 0.45    | 0.19    | 0.54       | 74.59   | ppb   |
| Silicon    | 28-1  | 953.01  | 934.03  | 951.03  | 946.02     | 1.10    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 44.32   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 104.71  | ppb   |
| Sodium     | 23-2  | 9340.32 | 9227.11 | 9266.47 | 9277.97    | 0.62    | ppb   |
| Strontium  | 86-1  | 17.79   | 17.79   | 17.57   | 17.72      | 0.73    | ppb   |
| Strontium  | 88-1  | 17.76   | 17.91   | 18.01   | 17.89      | 0.69    | ppb   |
| Sulfur     | 34-1  | 535.99  | 512.10  | 558.45  | 535.51     | 4.33    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 101.65  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 4.89    | ppb   |
| Tin        | 118-1 | -0.05   | -0.06   | -0.08   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.44    | 0.42    | 0.56    | 0.48       | 16.07   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.03    | 0.05    | 0.05       | 21.24   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 14.72   | 14.47   | 14.33   | 14.51      | 1.37    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 21.32   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-16-FL1-BRS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:09:02  | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.04    | 0.04       | 23.87   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-17 Instrumnet Name : P7  
 Client Sample ID : DC1849-17-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:12:26 DataFile Name : 039SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.22    | 4.96    | 5.30    | 5.49       | 11.83   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.14    | 0.16    | 0.14       | 8.59    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.22    | 0.23    | 0.22       | 4.04    | ppb   |
| Barium     | 135-1 | 16.28   | 16.10   | 16.36   | 16.25      | 0.85    | ppb   |
| Barium     | 137-1 | 16.03   | 16.39   | 16.23   | 16.22      | 1.11    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.10    | 4.15    | 3.86    | 4.04       | 3.80    | ppb   |
| Boron      | 11-1  | 4.12    | 4.21    | 4.13    | 4.15       | 1.12    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.38   | -0.16   | -0.12   | -0.22      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.05    | 0.08    | 0.04       | 97.45   | ppb   |
| Calcium    | 43-1  | 5239.75 | 5151.05 | 5268.20 | 5219.66    | 1.17    | ppb   |
| Calcium    | 44-1  | 5313.98 | 5310.55 | 5332.50 | 5319.01    | 0.22    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.00       | 110.44  | ppb   |
| Copper     | 63-2  | 172.60  | 171.13  | 171.65  | 171.79     | 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  | 15.53   | 16.70   | 18.01   | 16.75      | 7.42    | ppb   |
| Iron       | 57-2  | 19.10   | 20.08   | 22.64   | 20.61      | 8.85    | ppb   |
| Lead       | 206-1 | 2.97    | 2.90    | 2.87    | 2.92       | 1.68    | ppb   |
| Lead       | 207-1 | 2.67    | 2.66    | 2.63    | 2.66       | 0.77    | ppb   |
| Lead       | 208-1 | 2.78    | 2.77    | 2.77    | 2.77       | 0.26    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1114.00 | 1101.47 | 1111.16 | 1108.88    | 0.59    | ppb   |
| Manganese  | 55-2  | 11.56   | 11.18   | 11.13   | 11.29      | 2.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-17-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:12:26 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 44.61   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.97    | 7.92    | 7.96    | 7.95       | 0.32    | ppb   |
| Phosphorus | 31-2  | 651.96  | 669.22  | 663.42  | 661.53     | 1.33    | ppb   |
| Potassium  | 39-2  | 430.29  | 422.19  | 417.81  | 423.43     | 1.50    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.05    | -0.21   | -0.21   | -0.12      |         | ppb   |
| Selenium   | 78-2  | 0.24    | 0.79    | 0.38    | 0.47       | 60.89   | ppb   |
| Selenium   | 82-1  | 0.67    | 0.17    | 0.04    | 0.30       | 112.35  | ppb   |
| Silicon    | 28-1  | 949.25  | 936.55  | 953.85  | 946.55     | 0.95    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.22   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 25.96   | ppb   |
| Sodium     | 23-2  | 9406.47 | 9381.83 | 9266.66 | 9351.65    | 0.80    | ppb   |
| Strontium  | 86-1  | 17.13   | 17.32   | 17.20   | 17.22      | 0.55    | ppb   |
| Strontium  | 88-1  | 17.69   | 17.87   | 17.78   | 17.78      | 0.49    | ppb   |
| Sulfur     | 34-1  | 337.19  | 385.21  | 553.05  | 425.15     | 26.66   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.00       | 603.79  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 41.54   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.41    | 0.39    | 0.37    | 0.39       | 6.27    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.05    | 0.04       | 2.76    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 117.82  | 117.07  | 117.43  | 117.44     | 0.32    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 25.69   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-17-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:12:26 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.05    | 0.03    | 0.06    | 0.38       | 153.48  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:15:51 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.90    | 3.74    | 3.30    | 3.31       | 12.76   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.37   | -0.35   | -0.37   | -0.36      |         | ppb   |
| Barium     | 137-1 | -0.32   | -0.31   | -0.32   | -0.32      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.88    | 1.18    | 0.97    | 1.01       | 15.44   | ppb   |
| Boron      | 11-1  | 0.58    | 0.80    | 0.73    | 0.70       | 15.57   | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.01   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.64   | 0.05    | -0.39   | -0.33      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.05   | -0.01   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 1.40    | 2.02    | 0.76    | 1.40       | 45.12   | ppb   |
| Calcium    | 44-1  | 0.33    | 1.08    | 0.39    | 0.60       | 69.91   | ppb   |
| Chromium   | 52-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.14    | 0.10    | 0.19    | 0.14       | 29.83   | ppb   |
| Iron       | 57-2  | -0.11   | 0.41    | 0.12    | 0.14       | 184.26  | ppb   |
| Lead       | 206-1 | 477.10  | 479.34  | 475.74  | 477.39     | 0.38    | ppb   |
| Lead       | 207-1 | 473.06  | 472.84  | 471.16  | 472.35     | 0.22    | ppb   |
| Lead       | 208-1 | 478.88  | 481.94  | 478.05  | 479.62     | 0.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.46   | -0.16   | -0.40   | -0.34      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.01    | 0.01       | 75.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:15:51 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 7.93    | 3.79    | 4.94    | 5.55       | 38.42   | ppb   |
| Potassium  | 39-2  | 10.02   | 13.53   | 16.73   | 13.43      | 24.98   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.19   | 0.36    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.67    | -0.29   | 0.17    | 0.18       | 265.44  | ppb   |
| Selenium   | 82-1  | 0.12    | 0.82    | 0.37    | 0.44       | 80.76   | ppb   |
| Silicon    | 28-1  | -0.85   | -0.44   | -1.29   | -0.86      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 24.54   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 175.40  | ppb   |
| Sodium     | 23-2  | 20.61   | 21.62   | 21.36   | 21.20      | 2.48    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.09   | -0.03   | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 164.54  | ppb   |
| Sulfur     | 34-1  | 0.38    | 108.39  | 99.44   | 69.40      | 86.37   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | 195.52  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.00       | 126.51  | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.60   | -0.62   | -0.55   | -0.59      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:15:51 | DataFile Name :   | 040SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:19:16 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.00    | 0.09    | -0.05   | 0.01       | 484.35  | ppb   |
| Antimony   | 121-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.35   | -0.37   | -0.35   | -0.36      |         | ppb   |
| Barium     | 137-1 | -0.34   | -0.31   | -0.33   | -0.32      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.41    | 0.19    | 0.40    | 0.33       | 36.39   | ppb   |
| Boron      | 11-1  | 0.24    | 0.45    | 0.30    | 0.33       | 33.30   | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.08   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.07    | -0.86   | -0.34   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.01    | -0.03   | 0.01       | 400.60  | ppb   |
| Calcium    | 43-1  | -4.39   | -1.88   | -2.19   | -2.82      |         | ppb   |
| Calcium    | 44-1  | -1.77   | -1.87   | -1.71   | -1.78      |         | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.02   | -0.02   | -0.04   | -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  | -0.40   | -0.38   | -0.30   | -0.36      |         | ppb   |
| Iron       | 57-2  | -0.47   | -0.98   | -0.07   | -0.50      |         | ppb   |
| Lead       | 206-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.91   | -0.53   | -0.84   | -0.76      |         | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:19:16 | DataFile Name :   | 041SMPL.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   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -0.45   | -1.44   | 11.68   | 3.26       | 223.95  | ppb   |
| Potassium  | 39-2  | 3.19    | 3.92    | 10.42   | 5.84       | 68.13   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.35    | -0.20   | -0.19   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.17    | -0.25   | 0.99    | 0.31       | 205.47  | ppb   |
| Selenium   | 82-1  | 0.50    | 0.94    | 0.82    | 0.75       | 30.29   | ppb   |
| Silicon    | 28-1  | -2.59   | -2.14   | -1.90   | -2.21      |         | 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  | 18.90   | 19.38   | 18.76   | 19.01      | 1.70    | ppb   |
| Strontium  | 86-1  | -0.05   | -0.03   | -0.07   | -0.05      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 106.55  | 4.19    | 53.54   | 54.76      | 93.48   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.04    | 0.02    | 0.03       | 25.09   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.64   | -0.66   | -0.70   | -0.67      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:19:16 | DataFile Name :   | 041SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-18 Instrumnet Name : P7  
 Client Sample ID : DC1849-18-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:22:41 DataFile Name : 042SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.33    | 8.09    | 8.12    | 7.51       | 13.67   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.04    | 0.03       | 32.42   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.20    | 0.26    | 0.23       | 13.53   | ppb   |
| Barium     | 135-1 | 14.84   | 14.91   | 15.10   | 14.95      | 0.89    | ppb   |
| Barium     | 137-1 | 14.92   | 14.65   | 14.89   | 14.82      | 1.00    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.85    | 3.96    | 3.96    | 3.92       | 1.63    | ppb   |
| Boron      | 11-1  | 4.02    | 4.01    | 4.01    | 4.01       | 0.21    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.04   | 0.01    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.27    | -0.40   | 0.29    | 0.05       | 741.40  | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.03   | 0.02    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5294.37 | 5426.89 | 5315.89 | 5345.72    | 1.33    | ppb   |
| Calcium    | 44-1  | 5446.12 | 5474.57 | 5403.47 | 5441.39    | 0.66    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | 0.04    | 0.03       | 68.49   | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 62.02   | 61.95   | 61.64   | 61.87      | 0.33    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 29.55   | 25.78   | 26.92   | 27.41      | 7.06    | ppb   |
| Iron       | 57-2  | 35.37   | 38.80   | 31.02   | 35.06      | 11.12   | ppb   |
| Lead       | 206-1 | 0.44    | 0.44    | 0.42    | 0.44       | 2.36    | ppb   |
| Lead       | 207-1 | 0.37    | 0.38    | 0.37    | 0.37       | 2.05    | ppb   |
| Lead       | 208-1 | 0.41    | 0.40    | 0.40    | 0.40       | 1.00    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1085.30 | 1102.94 | 1094.44 | 1094.23    | 0.81    | ppb   |
| Manganese  | 55-2  | 12.98   | 13.15   | 13.24   | 13.12      | 1.00    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-18 Instrumnet Name : P7  
 Client Sample ID : DC1849-18-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:22:41 DataFile Name : 042SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.01    | 0.03       | 41.02   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | -0.01   | 0.00       | 5190.09 | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.40    | 0.36    | 0.36    | 0.37       | 6.99    | ppb   |
| Phosphorus | 31-2  | 670.53  | 695.02  | 727.99  | 697.85     | 4.13    | ppb   |
| Potassium  | 39-2  | 424.71  | 430.04  | 433.48  | 429.41     | 1.03    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.05    | -0.46   | -0.21   | -0.21      |         | ppb   |
| Selenium   | 78-2  | 0.04    | 0.42    | -0.97   | -0.17      |         | ppb   |
| Selenium   | 82-1  | 0.72    | 0.30    | 0.05    | 0.36       | 93.82   | ppb   |
| Silicon    | 28-1  | 944.12  | 963.99  | 950.66  | 952.92     | 1.06    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.35   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 114.93  | ppb   |
| Sodium     | 23-2  | 9337.67 | 9412.72 | 9295.99 | 9348.79    | 0.63    | ppb   |
| Strontium  | 86-1  | 18.05   | 17.89   | 17.56   | 17.84      | 1.40    | ppb   |
| Strontium  | 88-1  | 18.18   | 18.08   | 17.90   | 18.06      | 0.78    | ppb   |
| Sulfur     | 34-1  | 431.55  | 544.63  | 294.77  | 423.65     | 29.53   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.42    | 0.40    | 0.43    | 0.42       | 3.87    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.10    | 0.08       | 27.73   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.22    | 8.28    | 8.07    | 8.19       | 1.31    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.05    | 0.05    | 0.05       | 14.09   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-18            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-18-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:22:41 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.05    | 0.05       | 12.87   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-19 Instrumnet Name : P7  
 Client Sample ID : DC1849-19-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:26:06 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.84    | 12.29   | 9.95    | 10.36      | 17.02   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 2.44    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.23    | 0.25    | 0.24       | 5.58    | ppb   |
| Barium     | 135-1 | 15.67   | 15.54   | 15.05   | 15.42      | 2.11    | ppb   |
| Barium     | 137-1 | 15.40   | 15.36   | 15.39   | 15.38      | 0.12    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.62    | 3.86    | 4.37    | 4.28       | 9.05    | ppb   |
| Boron      | 11-1  | 3.62    | 3.81    | 3.96    | 3.80       | 4.49    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.01    | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.44   | 0.18    | -0.20   | -0.15      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.03    | 0.00    | 0.01       | 181.67  | ppb   |
| Calcium    | 43-1  | 5256.43 | 5208.04 | 5269.72 | 5244.73    | 0.62    | ppb   |
| Calcium    | 44-1  | 5337.42 | 5330.44 | 5313.65 | 5327.17    | 0.23    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.04    | 0.05    | 0.04       | 9.73    | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 150.22  | ppb   |
| Copper     | 63-2  | 123.40  | 120.94  | 120.89  | 121.74     | 1.18    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.56   | 20.94   | 21.01   | 21.17      | 1.61    | ppb   |
| Iron       | 57-2  | 27.22   | 25.60   | 26.13   | 26.32      | 3.13    | ppb   |
| Lead       | 206-1 | 0.86    | 0.91    | 0.90    | 0.89       | 2.89    | ppb   |
| Lead       | 207-1 | 0.84    | 0.81    | 0.84    | 0.83       | 1.73    | ppb   |
| Lead       | 208-1 | 0.85    | 0.86    | 0.85    | 0.85       | 0.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1105.71 | 1088.14 | 1090.63 | 1094.83    | 0.87    | ppb   |
| Manganese  | 55-2  | 11.91   | 11.94   | 11.81   | 11.89      | 0.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-19            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-19-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:26:06 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.01    | 0.01       | 21.07   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | 0.01    | 0.00       | 322.39  | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.01    | 0.00       | 255.25  | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.96    | 0.89    | 0.96    | 0.94       | 4.04    | ppb   |
| Phosphorus | 31-2  | 723.04  | 725.49  | 707.21  | 718.58     | 1.38    | ppb   |
| Potassium  | 39-2  | 421.60  | 409.73  | 415.85  | 415.72     | 1.43    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | 0.04    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.35   | 0.09    | 0.16    | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.71    | -0.14   | 0.66    | 0.41       | 115.71  | ppb   |
| Silicon    | 28-1  | 939.81  | 925.62  | 944.87  | 936.77     | 1.06    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 16.62   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 155.09  | ppb   |
| Sodium     | 23-2  | 9391.53 | 9245.64 | 9210.33 | 9282.50    | 1.03    | ppb   |
| Strontium  | 86-1  | 17.48   | 17.74   | 17.26   | 17.49      | 1.37    | ppb   |
| Strontium  | 88-1  | 17.70   | 18.05   | 17.87   | 17.87      | 0.97    | ppb   |
| Sulfur     | 34-1  | 564.74  | 602.68  | 813.31  | 660.24     | 20.28   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 340.98  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 121.90  | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.59    | 0.65    | 0.51    | 0.58       | 12.45   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.06    | 0.06       | 7.76    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.97   | 18.43   | 19.16   | 18.85      | 2.01    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.02    | 0.03       | 21.66   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-19            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-19-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:26:06 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.06    | 0.04    | 0.04       | 33.30   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-20 Instrumnet Name : P7  
 Client Sample ID : DC1849-20-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:29:31 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.88    | 11.91   | 8.03    | 9.61       | 21.23   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.26    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.26    | 0.25    | 0.24       | 7.42    | ppb   |
| Barium     | 135-1 | 15.09   | 14.98   | 14.58   | 14.88      | 1.78    | ppb   |
| Barium     | 137-1 | 15.05   | 14.67   | 14.44   | 14.72      | 2.10    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.58    | 4.27    | 4.65    | 4.17       | 13.07   | ppb   |
| Boron      | 11-1  | 3.73    | 3.83    | 4.15    | 3.91       | 5.60    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.00    | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.52   | 0.18    | -0.29   | -0.21      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.05   | -0.05   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5247.50 | 5291.49 | 5327.94 | 5288.98    | 0.76    | ppb   |
| Calcium    | 44-1  | 5372.49 | 5365.02 | 5389.72 | 5375.75    | 0.24    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 51.23   | 52.73   | 52.24   | 52.07      | 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  | 25.81   | 25.36   | 34.55   | 28.57      | 18.12   | ppb   |
| Iron       | 57-2  | 29.14   | 34.47   | 29.97   | 31.19      | 9.20    | ppb   |
| Lead       | 206-1 | 0.17    | 0.18    | 0.16    | 0.17       | 7.19    | ppb   |
| Lead       | 207-1 | 0.16    | 0.15    | 0.15    | 0.16       | 5.11    | ppb   |
| Lead       | 208-1 | 0.17    | 0.17    | 0.16    | 0.17       | 3.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1096.90 | 1124.15 | 1116.83 | 1112.63    | 1.27    | ppb   |
| Manganese  | 55-2  | 10.64   | 10.97   | 10.93   | 10.85      | 1.67    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-20 Instrumnet Name : P7  
 Client Sample ID : DC1849-20-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:29:31 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.02    | 0.02       | 18.52   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.18    | 0.18    | 0.18    | 0.18       | 1.44    | ppb   |
| Phosphorus | 31-2  | 682.93  | 669.99  | 671.15  | 674.69     | 1.06    | ppb   |
| Potassium  | 39-2  | 423.50  | 434.76  | 435.24  | 431.17     | 1.54    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | 0.31    | -0.21      |         | ppb   |
| Selenium   | 78-2  | 0.33    | 0.42    | 0.10    | 0.28       | 58.52   | ppb   |
| Selenium   | 82-1  | 0.99    | 0.25    | 0.35    | 0.53       | 75.52   | ppb   |
| Silicon    | 28-1  | 941.80  | 952.72  | 973.75  | 956.09     | 1.70    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 104.96  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 151.64  | ppb   |
| Sodium     | 23-2  | 9301.42 | 9543.04 | 9535.12 | 9459.86    | 1.45    | ppb   |
| Strontium  | 86-1  | 17.54   | 17.88   | 18.20   | 17.88      | 1.85    | ppb   |
| Strontium  | 88-1  | 18.05   | 18.12   | 18.28   | 18.15      | 0.63    | ppb   |
| Sulfur     | 34-1  | 412.15  | 505.04  | 714.11  | 543.77     | 28.44   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 18.37   | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.39    | 0.38    | 0.42       | 11.05   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 7.84    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 4.58    | 4.78    | 4.57    | 4.64       | 2.54    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 10.81   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-20-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:29:31 | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.04    | 0.04       | 35.57   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-21 Instrumnet Name : P7  
 Client Sample ID : DC1849-21-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:32:56 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.03    | 5.66    | 5.47    | 5.39       | 5.95    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.08    | 0.08       | 8.59    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.30    | 0.25    | 0.29       | 14.45   | ppb   |
| Barium     | 135-1 | 15.79   | 15.48   | 15.85   | 15.71      | 1.25    | ppb   |
| Barium     | 137-1 | 15.72   | 15.24   | 15.50   | 15.49      | 1.55    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.92    | 4.42    | 4.75    | 4.36       | 9.64    | ppb   |
| Boron      | 11-1  | 4.26    | 3.85    | 3.95    | 4.02       | 5.30    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.00    | -0.06   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.21   | -0.12   | -0.85   | -0.39      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.08    | 0.03    | 0.06       | 39.23   | ppb   |
| Calcium    | 43-1  | 5378.35 | 5353.65 | 5302.66 | 5344.89    | 0.72    | ppb   |
| Calcium    | 44-1  | 5436.55 | 5410.10 | 5384.68 | 5410.44    | 0.48    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.04    | 0.03       | 11.93   | ppb   |
| Copper     | 63-2  | 255.92  | 257.05  | 256.27  | 256.41     | 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  | 14.28   | 14.39   | 14.96   | 14.55      | 2.52    | ppb   |
| Iron       | 57-2  | 20.51   | 19.90   | 20.59   | 20.33      | 1.86    | ppb   |
| Lead       | 206-1 | 3.01    | 3.03    | 3.00    | 3.02       | 0.52    | ppb   |
| Lead       | 207-1 | 2.72    | 2.69    | 2.78    | 2.73       | 1.58    | ppb   |
| Lead       | 208-1 | 2.88    | 2.86    | 2.88    | 2.88       | 0.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1093.53 | 1103.19 | 1100.76 | 1099.16    | 0.46    | ppb   |
| Manganese  | 55-2  | 10.23   | 10.17   | 10.15   | 10.19      | 0.40    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-21 Instrumnet Name : P7  
 Client Sample ID : DC1849-21-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:32:56 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 55.22   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.02   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 13.19   | 12.82   | 12.91   | 12.97      | 1.51    | ppb   |
| Phosphorus | 31-2  | 660.85  | 606.81  | 610.31  | 625.99     | 4.83    | ppb   |
| Potassium  | 39-2  | 408.84  | 413.22  | 411.26  | 411.11     | 0.53    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.46   | -0.21   | -0.29      |         | ppb   |
| Selenium   | 78-2  | -0.22   | 0.86    | -0.42   | 0.07       | 965.23  | ppb   |
| Selenium   | 82-1  | 0.17    | 1.02    | 1.14    | 0.78       | 68.10   | ppb   |
| Silicon    | 28-1  | 962.43  | 959.71  | 931.29  | 951.14     | 1.81    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.63    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.14   | ppb   |
| Sodium     | 23-2  | 9194.21 | 9178.13 | 9171.17 | 9181.17    | 0.13    | ppb   |
| Strontium  | 86-1  | 17.41   | 17.83   | 17.42   | 17.55      | 1.39    | ppb   |
| Strontium  | 88-1  | 17.86   | 17.87   | 17.77   | 17.83      | 0.31    | ppb   |
| Sulfur     | 34-1  | 848.71  | 654.99  | 555.79  | 686.50     | 21.70   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 108.60  | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.42    | 0.43    | 0.48    | 0.44       | 7.03    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.05    | 0.05       | 14.32   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 124.80  | 125.38  | 123.76  | 124.64     | 0.66    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 16.27   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-21-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:32:56  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 5.18    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-22 Instrumnet Name : P7  
 Client Sample ID : DC1849-22-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:36:22 DataFile Name : 046SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.02    | 5.80    | 8.52    | 7.11       | 19.14   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 21.20   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.23    | 0.21    | 0.23       | 8.93    | ppb   |
| Barium     | 135-1 | 15.68   | 16.00   | 16.28   | 15.99      | 1.87    | ppb   |
| Barium     | 137-1 | 15.72   | 16.04   | 15.95   | 15.90      | 1.04    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.31    | 4.35    | 4.39    | 4.35       | 0.96    | ppb   |
| Boron      | 11-1  | 4.14    | 4.22    | 4.31    | 4.22       | 1.92    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.03    | -0.10   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.37   | 0.51    | -1.25   | -0.37      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.00    | 0.05    | 0.03       | 88.11   | ppb   |
| Calcium    | 43-1  | 5240.31 | 5321.98 | 5306.07 | 5289.46    | 0.82    | ppb   |
| Calcium    | 44-1  | 5329.97 | 5385.61 | 5388.42 | 5368.00    | 0.61    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 139.72  | 138.56  | 140.58  | 139.62     | 0.73    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.84   | 21.00   | 20.66   | 20.83      | 0.84    | ppb   |
| Iron       | 57-2  | 28.29   | 23.80   | 24.36   | 25.48      | 9.60    | ppb   |
| Lead       | 206-1 | 0.38    | 0.38    | 0.37    | 0.38       | 0.93    | ppb   |
| Lead       | 207-1 | 0.34    | 0.32    | 0.34    | 0.33       | 2.84    | ppb   |
| Lead       | 208-1 | 0.35    | 0.35    | 0.35    | 0.35       | 0.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1094.44 | 1097.94 | 1103.00 | 1098.46    | 0.39    | ppb   |
| Manganese  | 55-2  | 10.40   | 10.18   | 10.19   | 10.25      | 1.23    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-22-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:36:22  | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.02    | 0.01       | 32.11   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.45    | 0.40    | 0.41    | 0.42       | 6.24    | ppb   |
| Phosphorus | 31-2  | 651.97  | 675.60  | 730.90  | 686.15     | 5.90    | ppb   |
| Potassium  | 39-2  | 421.12  | 417.94  | 420.01  | 419.69     | 0.38    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | -0.20   | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.25    | -0.40   | 0.33    | 0.06       | 685.68  | ppb   |
| Selenium   | 82-1  | 0.50    | 0.85    | 0.56    | 0.63       | 29.42   | ppb   |
| Silicon    | 28-1  | 922.92  | 935.58  | 950.37  | 936.29     | 1.47    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 32.67   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 146.77  | ppb   |
| Sodium     | 23-2  | 9306.95 | 9165.30 | 9260.90 | 9244.39    | 0.78    | ppb   |
| Strontium  | 86-1  | 17.84   | 17.83   | 17.56   | 17.74      | 0.90    | ppb   |
| Strontium  | 88-1  | 18.06   | 17.93   | 17.64   | 17.87      | 1.20    | ppb   |
| Sulfur     | 34-1  | 588.29  | 730.36  | 693.72  | 670.79     | 11.00   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 95.51   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.43    | 0.40    | 0.41    | 0.41       | 4.01    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.05    | 0.05       | 13.59   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.79   | 17.32   | 17.85   | 17.32      | 3.08    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 20.67   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-22-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:36:22  | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.04    | 0.03       | 47.62   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-23 Instrumnet Name : P7  
 Client Sample ID : DC1849-23-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:39:47 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.86   | 8.79    | 9.59    | 10.08      | 15.75   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.07    | 0.06       | 18.11   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.18    | 0.22    | 0.22       | 17.32   | ppb   |
| Barium     | 135-1 | 16.18   | 16.29   | 16.04   | 16.17      | 0.76    | ppb   |
| Barium     | 137-1 | 16.45   | 16.42   | 16.39   | 16.42      | 0.20    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.41    | 4.45    | 4.35    | 4.07       | 14.14   | ppb   |
| Boron      | 11-1  | 4.01    | 3.66    | 3.70    | 3.79       | 5.01    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.01   | 0.02    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.49   | -0.16   | 0.28    | -0.12      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.03    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5338.48 | 5278.17 | 5167.73 | 5261.46    | 1.65    | ppb   |
| Calcium    | 44-1  | 5447.56 | 5369.31 | 5232.02 | 5349.63    | 2.04    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 198.01  | 194.68  | 193.30  | 195.33     | 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  | 13.63   | 15.00   | 14.58   | 14.40      | 4.87    | ppb   |
| Iron       | 57-2  | 19.15   | 19.98   | 18.63   | 19.26      | 3.54    | ppb   |
| Lead       | 206-1 | 2.51    | 2.42    | 2.36    | 2.43       | 3.11    | ppb   |
| Lead       | 207-1 | 2.20    | 2.28    | 2.08    | 2.18       | 4.62    | ppb   |
| Lead       | 208-1 | 2.34    | 2.32    | 2.22    | 2.29       | 2.96    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.37 | 1115.77 | 1111.22 | 1115.45    | 0.37    | ppb   |
| Manganese  | 55-2  | 11.68   | 11.33   | 11.46   | 11.49      | 1.57    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-23-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:39:47  | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 26.57   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.00    | 0.00       | 225.26  | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.01    | -0.04   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.54    | 3.59    | 3.52    | 3.55       | 1.03    | ppb   |
| Phosphorus | 31-2  | 684.78  | 683.34  | 698.16  | 688.76     | 1.19    | ppb   |
| Potassium  | 39-2  | 412.50  | 412.77  | 404.94  | 410.07     | 1.08    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | -0.46   | -0.46      |         | ppb   |
| Selenium   | 78-2  | 0.19    | 0.29    | 0.71    | 0.40       | 68.56   | ppb   |
| Selenium   | 82-1  | 1.09    | 0.37    | 0.69    | 0.72       | 50.15   | ppb   |
| Silicon    | 28-1  | 961.06  | 980.50  | 910.44  | 950.66     | 3.80    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.08   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.66   | ppb   |
| Sodium     | 23-2  | 9279.45 | 9194.20 | 9146.57 | 9206.74    | 0.73    | ppb   |
| Strontium  | 86-1  | 17.93   | 17.74   | 17.46   | 17.71      | 1.33    | ppb   |
| Strontium  | 88-1  | 18.35   | 17.99   | 17.73   | 18.02      | 1.74    | ppb   |
| Sulfur     | 34-1  | 609.26  | 559.98  | 296.68  | 488.64     | 34.39   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 141.38  | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.38    | 0.38    | 0.39       | 2.22    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 6.70    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 87.35   | 85.74   | 85.24   | 86.11      | 1.28    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.04    | 0.03       | 21.12   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-23-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:39:47  | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.08    | 0.04       | 69.66   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-24 Instrumnet Name : P7  
 Client Sample ID : DC1849-24-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:43:13 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.28   | 7.35    | 7.83    | 9.49       | 34.73   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 9.18    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.21    | 0.28    | 0.23       | 15.55   | ppb   |
| Barium     | 135-1 | 15.76   | 15.68   | 15.60   | 15.68      | 0.54    | ppb   |
| Barium     | 137-1 | 15.70   | 15.81   | 15.81   | 15.77      | 0.39    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.60    | 4.01    | 4.22    | 3.94       | 8.00    | ppb   |
| Boron      | 11-1  | 4.13    | 3.94    | 3.99    | 4.02       | 2.38    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.04   | -0.07   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | 0.24    | -0.35   | -0.70   | -0.27      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.03   | 0.02    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5350.28 | 5319.40 | 5245.47 | 5305.05    | 1.02    | ppb   |
| Calcium    | 44-1  | 5450.68 | 5331.18 | 5367.59 | 5383.15    | 1.14    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 115.73  | 114.45  | 114.70  | 114.96     | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.32   | 22.94   | 23.22   | 23.16      | 0.85    | ppb   |
| Iron       | 57-2  | 31.56   | 29.09   | 29.43   | 30.03      | 4.47    | ppb   |
| Lead       | 206-1 | 0.34    | 0.30    | 0.32    | 0.32       | 5.11    | ppb   |
| Lead       | 207-1 | 0.30    | 0.28    | 0.30    | 0.29       | 4.10    | ppb   |
| Lead       | 208-1 | 0.30    | 0.29    | 0.30    | 0.30       | 1.91    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1097.88 | 1095.94 | 1089.99 | 1094.60    | 0.38    | ppb   |
| Manganese  | 55-2  | 10.78   | 10.57   | 10.68   | 10.68      | 0.96    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-24 Instrumnet Name : P7  
 Client Sample ID : DC1849-24-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:43:13 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 126.88  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | 0.00    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.23    | 0.25    | 0.23    | 0.24       | 6.06    | ppb   |
| Phosphorus | 31-2  | 667.76  | 679.93  | 704.80  | 684.16     | 2.76    | ppb   |
| Potassium  | 39-2  | 429.54  | 426.77  | 426.35  | 427.55     | 0.40    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | 0.31    | 0.32    | 0.14       | 212.92  | ppb   |
| Selenium   | 78-2  | 0.01    | -0.04   | 0.33    | 0.10       | 196.66  | ppb   |
| Selenium   | 82-1  | 0.07    | 1.00    | 0.82    | 0.63       | 78.31   | ppb   |
| Silicon    | 28-1  | 938.26  | 939.34  | 950.03  | 942.54     | 0.69    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 64.35   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 267.12  | ppb   |
| Sodium     | 23-2  | 9264.38 | 9269.66 | 9211.17 | 9248.40    | 0.35    | ppb   |
| Strontium  | 86-1  | 17.48   | 17.50   | 18.05   | 17.68      | 1.83    | ppb   |
| Strontium  | 88-1  | 17.87   | 17.95   | 17.93   | 17.91      | 0.24    | ppb   |
| Sulfur     | 34-1  | 651.64  | 551.28  | 835.58  | 679.50     | 21.22   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 147.51  | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.50    | 0.50    | 0.49       | 3.09    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 8.74    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 12.80   | 12.48   | 12.55   | 12.61      | 1.32    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 15.96   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-24-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:43:13  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.02    | 0.03       | 52.91   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-25 Instrumnet Name : P7  
 Client Sample ID : DC1849-25-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:46:38 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.17   | 12.60   | 7.19    | 9.99       | 27.13   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.04    | 0.04       | 12.30   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.28    | 0.28    | 0.25       | 20.30   | ppb   |
| Barium     | 135-1 | 16.38   | 16.23   | 15.94   | 16.18      | 1.38    | ppb   |
| Barium     | 137-1 | 16.34   | 15.95   | 15.87   | 16.05      | 1.57    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.76    | 3.88    | 3.90    | 3.85       | 1.91    | ppb   |
| Boron      | 11-1  | 4.05    | 4.05    | 3.77    | 3.96       | 4.10    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.08   | -0.01   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.40   | -1.00   | 0.06    | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.13    | 0.05    | 0.08       | 53.11   | ppb   |
| Calcium    | 43-1  | 5338.44 | 5339.24 | 5384.00 | 5353.89    | 0.49    | ppb   |
| Calcium    | 44-1  | 5394.34 | 5414.67 | 5477.30 | 5428.77    | 0.80    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.01   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 52.03   | ppb   |
| Copper     | 63-2  | 160.28  | 160.31  | 158.70  | 159.76     | 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  | 19.79   | 23.51   | 21.17   | 21.49      | 8.74    | ppb   |
| Iron       | 57-2  | 24.26   | 28.24   | 25.17   | 25.89      | 8.07    | ppb   |
| Lead       | 206-1 | 1.30    | 1.38    | 1.30    | 1.33       | 3.36    | ppb   |
| Lead       | 207-1 | 1.20    | 1.18    | 1.12    | 1.16       | 3.52    | ppb   |
| Lead       | 208-1 | 1.24    | 1.25    | 1.22    | 1.23       | 1.33    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1096.39 | 1097.70 | 1099.28 | 1097.79    | 0.13    | ppb   |
| Manganese  | 55-2  | 10.81   | 11.05   | 10.94   | 10.94      | 1.09    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-25 Instrumnet Name : P7  
 Client Sample ID : DC1849-25-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:46:38 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.00       | 217.33  | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 15.46   | 15.57   | 15.56   | 15.53      | 0.40    | ppb   |
| Phosphorus | 31-2  | 640.56  | 696.94  | 661.79  | 666.43     | 4.27    | ppb   |
| Potassium  | 39-2  | 411.91  | 423.74  | 417.79  | 417.81     | 1.42    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | -0.21   | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.25   | -0.33   | -0.40   | -0.33      |         | ppb   |
| Selenium   | 82-1  | 0.26    | 1.45    | 0.28    | 0.66       | 102.65  | ppb   |
| Silicon    | 28-1  | 952.33  | 952.15  | 961.39  | 955.29     | 0.55    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 31.96   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.27   | ppb   |
| Sodium     | 23-2  | 9150.02 | 9195.28 | 9155.33 | 9166.88    | 0.27    | ppb   |
| Strontium  | 86-1  | 17.81   | 17.62   | 17.60   | 17.68      | 0.64    | ppb   |
| Strontium  | 88-1  | 17.99   | 17.92   | 17.68   | 17.86      | 0.91    | ppb   |
| Sulfur     | 34-1  | 696.45  | 744.41  | 817.62  | 752.83     | 8.11    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 501.10  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 73.83   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.40    | 0.41    | 0.39    | 0.40       | 1.63    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.03    | 0.05    | 0.04       | 19.41   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 94.58   | 94.47   | 95.56   | 94.87      | 0.63    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.01       | 30.17   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-25-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:46:38  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 16.80   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-26 Instrumnet Name : P7  
 Client Sample ID : DC1849-26-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:50:04 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.43    | 8.30    | 7.75    | 7.49       | 12.83   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 8.22    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.23    | 0.31    | 0.26       | 17.50   | ppb   |
| Barium     | 135-1 | 14.93   | 15.76   | 15.81   | 15.50      | 3.18    | ppb   |
| Barium     | 137-1 | 15.88   | 15.39   | 15.40   | 15.56      | 1.80    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.04    | 3.83    | 3.89    | 3.92       | 2.65    | ppb   |
| Boron      | 11-1  | 3.76    | 4.03    | 4.03    | 3.94       | 3.88    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.06    | -0.05   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.08   | 0.88    | -0.53   | 0.09       | 784.11  | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.08    | -0.01   | 0.02       | 231.64  | ppb   |
| Calcium    | 43-1  | 5527.98 | 5490.76 | 5503.41 | 5507.38    | 0.34    | ppb   |
| Calcium    | 44-1  | 5593.56 | 5560.82 | 5571.43 | 5575.27    | 0.30    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 88.09   | 87.79   | 86.85   | 87.58      | 0.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.40   | 26.39   | 40.54   | 31.44      | 25.10   | ppb   |
| Iron       | 57-2  | 35.03   | 29.40   | 35.08   | 33.17      | 9.85    | ppb   |
| Lead       | 206-1 | 0.14    | 0.15    | 0.14    | 0.14       | 1.26    | ppb   |
| Lead       | 207-1 | 0.13    | 0.11    | 0.14    | 0.13       | 11.35   | ppb   |
| Lead       | 208-1 | 0.14    | 0.13    | 0.13    | 0.13       | 2.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1108.73 | 1100.82 | 1096.70 | 1102.09    | 0.55    | ppb   |
| Manganese  | 55-2  | 10.54   | 10.40   | 10.47   | 10.47      | 0.66    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-26 Instrumnet Name : P7  
 Client Sample ID : DC1849-26-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:50:04 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.01       | 53.59   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.66    | 0.68    | 0.63    | 0.66       | 3.57    | ppb   |
| Phosphorus | 31-2  | 710.30  | 696.55  | 692.99  | 699.95     | 1.31    | ppb   |
| Potassium  | 39-2  | 428.54  | 438.01  | 438.93  | 435.16     | 1.32    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.31    | 0.05    | 0.59    | 0.32       | 84.87   | ppb   |
| Selenium   | 78-2  | -0.17   | -0.60   | 0.74    | -0.01      |         | ppb   |
| Selenium   | 82-1  | 1.24    | -0.09   | 0.76    | 0.64       | 106.06  | ppb   |
| Silicon    | 28-1  | 959.97  | 968.31  | 963.00  | 963.76     | 0.44    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 154.64  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 24.97   | ppb   |
| Sodium     | 23-2  | 9440.02 | 9424.47 | 9300.29 | 9388.26    | 0.82    | ppb   |
| Strontium  | 86-1  | 18.16   | 18.06   | 18.05   | 18.09      | 0.33    | ppb   |
| Strontium  | 88-1  | 18.16   | 18.21   | 18.14   | 18.17      | 0.19    | ppb   |
| Sulfur     | 34-1  | 798.05  | 750.25  | 750.24  | 766.18     | 3.60    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 34.44   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.54    | 0.42    | 0.46    | 0.47       | 12.78   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.04    | 0.05       | 15.34   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 12.10   | 11.83   | 12.20   | 12.04      | 1.57    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 22.92   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-26-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:50:04  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.04    | 0.04       | 22.82   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-27 Instrumnet Name : P7  
 Client Sample ID : DC1849-27-FL1-SR-W4-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:53:29 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.78   | 7.85    | 7.92    | 10.52      | 43.37   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.04    | 0.04       | 15.20   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.25    | 0.21    | 0.24       | 9.80    | ppb   |
| Barium     | 135-1 | 15.20   | 15.08   | 15.74   | 15.34      | 2.30    | ppb   |
| Barium     | 137-1 | 15.32   | 15.39   | 15.15   | 15.29      | 0.78    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.40    | 4.33    | 4.40    | 4.04       | 13.79   | ppb   |
| Boron      | 11-1  | 4.01    | 4.04    | 4.11    | 4.05       | 1.20    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.06    | -0.03   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.84   | 0.86    | -0.44   | -0.14      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.02    | 0.00    | 0.01       | 190.77  | ppb   |
| Calcium    | 43-1  | 5317.86 | 5237.65 | 5211.44 | 5255.65    | 1.05    | ppb   |
| Calcium    | 44-1  | 5357.36 | 5319.78 | 5277.55 | 5318.23    | 0.75    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 156.73  | 157.52  | 157.03  | 157.09     | 0.25    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.12   | 33.21   | 34.74   | 33.69      | 2.69    | ppb   |
| Iron       | 57-2  | 38.20   | 36.08   | 40.35   | 38.21      | 5.59    | ppb   |
| Lead       | 206-1 | 0.74    | 0.70    | 0.68    | 0.71       | 4.29    | ppb   |
| Lead       | 207-1 | 0.66    | 0.65    | 0.60    | 0.64       | 5.10    | ppb   |
| Lead       | 208-1 | 0.67    | 0.66    | 0.65    | 0.66       | 1.98    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1080.64 | 1076.06 | 1079.03 | 1078.58    | 0.22    | ppb   |
| Manganese  | 55-2  | 11.71   | 11.76   | 11.49   | 11.65      | 1.24    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-27 Instrumnet Name : P7  
 Client Sample ID : DC1849-27-FL1-SR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:53:29 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 1.13    | 0.00    | 0.38       | 170.14  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.08    | 1.12    | 1.10    | 1.10       | 1.81    | ppb   |
| Phosphorus | 31-2  | 695.90  | 658.80  | 651.96  | 668.89     | 3.53    | ppb   |
| Potassium  | 39-2  | 415.85  | 428.76  | 422.44  | 422.35     | 1.53    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | 0.31    | -0.46   | -0.12      |         | ppb   |
| Selenium   | 78-2  | -0.06   | -0.01   | 0.15    | 0.03       | 413.91  | ppb   |
| Selenium   | 82-1  | 0.24    | 0.59    | 0.32    | 0.38       | 48.98   | ppb   |
| Silicon    | 28-1  | 963.22  | 941.05  | 933.57  | 945.95     | 1.63    | ppb   |
| Silver     | 109-1 | 0.00    | 0.02    | 0.01    | 0.01       | 60.15   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 33.96   | ppb   |
| Sodium     | 23-2  | 9301.62 | 9262.28 | 9236.31 | 9266.74    | 0.35    | ppb   |
| Strontium  | 86-1  | 17.34   | 17.68   | 17.79   | 17.60      | 1.33    | ppb   |
| Strontium  | 88-1  | 17.85   | 17.67   | 17.79   | 17.77      | 0.52    | ppb   |
| Sulfur     | 34-1  | 593.78  | 618.67  | 530.77  | 581.07     | 7.80    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 367.37  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 45.28   | ppb   |
| Tin        | 118-1 | -0.09   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.82    | 0.43    | 0.48    | 0.58       | 36.66   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.05    | 0.05       | 5.55    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 69.65   | 70.92   | 70.28   | 70.28      | 0.91    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.01       | 19.16   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-27-FL1-SR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:53:29  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 35.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:56:53 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.84    | 3.44    | 3.14    | 3.47       | 10.13   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.37   | -0.39   | -0.39   | -0.38      |         | ppb   |
| Barium     | 137-1 | -0.35   | -0.37   | -0.34   | -0.35      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.67    | 0.72    | 0.59    | 0.66       | 10.26   | ppb   |
| Boron      | 11-1  | 0.48    | 0.46    | 0.46    | 0.47       | 3.00    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.05    | -0.02   | 0.02       | 162.25  | ppb   |
| Cadmium    | 106-1 | 0.59    | 0.79    | -0.05   | 0.44       | 98.31   | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.01    | 0.02    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4.21    | 3.28    | 1.21    | 2.90       | 52.85   | ppb   |
| Calcium    | 44-1  | 1.32    | -0.43   | 1.44    | 0.78       | 135.05  | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.01   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.12    | 0.04    | 0.19    | 0.12       | 61.81   | ppb   |
| Iron       | 57-2  | 0.57    | 0.34    | -0.01   | 0.30       | 96.33   | ppb   |
| Lead       | 206-1 | 474.90  | 477.91  | 470.99  | 474.60     | 0.73    | ppb   |
| Lead       | 207-1 | 467.77  | 468.38  | 467.00  | 467.72     | 0.15    | ppb   |
| Lead       | 208-1 | 474.68  | 475.45  | 472.45  | 474.19     | 0.33    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.55   | -0.39   | -0.46   | -0.46      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:56:53 | DataFile Name :   | 052SMPL.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   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -4.78   | 4.58    | -0.05   | -0.08      |         | ppb   |
| Potassium  | 39-2  | 3.76    | 4.60    | 7.25    | 5.20       | 35.03   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.07    | -0.20   | -0.46   | -0.20      |         | ppb   |
| Selenium   | 78-2  | 0.42    | 0.41    | 0.07    | 0.30       | 65.31   | ppb   |
| Selenium   | 82-1  | 0.39    | -0.13   | 0.00    | 0.09       | 316.99  | ppb   |
| Silicon    | 28-1  | -2.61   | -1.43   | -1.77   | -1.94      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 52.42   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 16.40   | 15.18   | 17.42   | 16.34      | 6.86    | ppb   |
| Strontium  | 86-1  | -0.03   | 0.02    | -0.02   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 189.98  | 236.05  | 158.06  | 194.70     | 20.14   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 219.25  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 68.55   | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.02   | 0.03    | 0.03    | 0.01       | 201.51  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.59   | -0.63   | -0.58   | -0.60      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:56:53 | DataFile Name :   | 052SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:00:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.10   | -0.14   | -0.09   | -0.11      |         | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.39   | -0.38   | -0.40   | -0.39      |         | ppb   |
| Barium     | 137-1 | -0.35   | -0.36   | -0.36   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.02    | 0.32    | 0.12    | 0.16       | 98.34   | ppb   |
| Boron      | 11-1  | 0.10    | -0.05   | -0.10   | -0.01      |         | ppb   |
| Cadmium    | 111-1 | -0.08   | 0.04    | 0.00    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.80   | 0.77    | 0.21    | 0.06       | 1340.35 | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.06    | -0.01   | 0.01       | 368.15  | ppb   |
| Calcium    | 43-1  | -0.46   | -2.70   | 1.35    | -0.60      |         | ppb   |
| Calcium    | 44-1  | 0.08    | -1.15   | -0.68   | -0.58      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.03   | -0.01   | -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  | -0.42   | -0.42   | -0.33   | -0.39      |         | ppb   |
| Iron       | 57-2  | -1.06   | -0.05   | -0.71   | -0.61      |         | ppb   |
| Lead       | 206-1 | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.79   | -0.47   | -0.67   | -0.65      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:00:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 1.35    | 4.90    | 3.19    | 3.15       | 56.36   | ppb   |
| Potassium  | 39-2  | 4.89    | 2.50    | 0.20    | 2.53       | 92.74   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.19   | -0.19   | -0.28      |         | ppb   |
| Selenium   | 78-2  | 0.08    | -0.57   | 0.67    | 0.06       | 965.13  | ppb   |
| Selenium   | 82-1  | 0.78    | 0.94    | 1.09    | 0.94       | 16.92   | ppb   |
| Silicon    | 28-1  | -2.35   | -3.05   | -2.32   | -2.58      |         | 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  | 15.61   | 17.64   | 15.53   | 16.26      | 7.34    | ppb   |
| Strontium  | 86-1  | 0.05    | -0.08   | -0.03   | -0.02      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 374.86  | 227.53  | 219.99  | 274.13     | 31.85   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.04    | 0.03    | 0.02       | 111.60  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.72   | -0.77   | -0.78   | -0.76      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:00:19 | DataFile Name :   | 053SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-28 Instrumnet Name : P7  
 Client Sample ID : DC1849-28-FL1-SR-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:03:45 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.84   | 8.30    | 7.59    | 9.58       | 29.77   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.02    | 0.03       | 16.58   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.28    | 0.20    | 0.25       | 17.69   | ppb   |
| Barium     | 135-1 | 15.11   | 15.37   | 15.18   | 15.22      | 0.90    | ppb   |
| Barium     | 137-1 | 15.14   | 15.34   | 15.10   | 15.19      | 0.86    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.80    | 3.20    | 3.77    | 3.59       | 9.41    | ppb   |
| Boron      | 11-1  | 3.71    | 3.66    | 3.47    | 3.61       | 3.48    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.11   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | 0.07    | -1.28   | -0.83   | -0.68      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.03    | 0.01       | 142.05  | ppb   |
| Calcium    | 43-1  | 5313.11 | 5378.13 | 5289.33 | 5326.85    | 0.86    | ppb   |
| Calcium    | 44-1  | 5394.00 | 5416.21 | 5368.42 | 5392.88    | 0.44    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 99.81   | 100.09  | 99.04   | 99.65      | 0.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.06   | 34.01   | 37.52   | 33.86      | 11.01   | ppb   |
| Iron       | 57-2  | 38.12   | 38.17   | 40.24   | 38.84      | 3.11    | ppb   |
| Lead       | 206-1 | 0.20    | 0.19    | 0.21    | 0.20       | 5.63    | ppb   |
| Lead       | 207-1 | 0.17    | 0.18    | 0.15    | 0.17       | 7.54    | ppb   |
| Lead       | 208-1 | 0.18    | 0.18    | 0.18    | 0.18       | 1.67    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.83 | 1083.48 | 1073.18 | 1082.83    | 0.86    | ppb   |
| Manganese  | 55-2  | 11.84   | 11.78   | 11.69   | 11.77      | 0.66    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-28 Instrumnet Name : P7  
 Client Sample ID : DC1849-28-FL1-SR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:03:45 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 56.46   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.31    | 0.31    | 0.32    | 0.31       | 2.61    | ppb   |
| Phosphorus | 31-2  | 681.41  | 644.08  | 687.86  | 671.12     | 3.52    | ppb   |
| Potassium  | 39-2  | 422.26  | 417.40  | 422.12  | 420.59     | 0.66    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.58    | 0.06    | 0.06       | 916.88  | ppb   |
| Selenium   | 78-2  | 0.12    | 0.08    | -0.32   | -0.04      |         | ppb   |
| Selenium   | 82-1  | 1.03    | 0.51    | 0.89    | 0.81       | 33.31   | ppb   |
| Silicon    | 28-1  | 952.17  | 956.48  | 942.04  | 950.23     | 0.78    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.11   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 540.82  | ppb   |
| Sodium     | 23-2  | 9309.85 | 9261.51 | 9133.19 | 9234.85    | 0.99    | ppb   |
| Strontium  | 86-1  | 17.24   | 17.34   | 17.94   | 17.51      | 2.18    | ppb   |
| Strontium  | 88-1  | 17.95   | 17.77   | 17.96   | 17.89      | 0.60    | ppb   |
| Sulfur     | 34-1  | 978.59  | 1195.57 | 994.63  | 1056.27    | 11.45   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 219.74  | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.49    | 0.56    | 2.10    | 1.05       | 86.98   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.07    | 0.05    | 0.06       | 14.55   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 17.19   | 17.44   | 17.82   | 17.48      | 1.83    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.02    | 0.03       | 11.82   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-28-FL1-SR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:03:45  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.03    | 0.04       | 23.08   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-29 Instrumnet Name : P7  
 Client Sample ID : DC1849-29-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:07:09 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.78    | 7.91    | 7.49    | 8.06       | 8.20    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.98    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.22    | 0.25    | 0.23       | 7.19    | ppb   |
| Barium     | 135-1 | 15.54   | 16.24   | 15.72   | 15.83      | 2.30    | ppb   |
| Barium     | 137-1 | 15.60   | 15.78   | 15.54   | 15.64      | 0.79    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.09    | 3.20    | 3.70    | 3.66       | 12.20   | ppb   |
| Boron      | 11-1  | 3.75    | 3.90    | 3.98    | 3.88       | 3.02    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.04   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.27    | -0.45   | -0.55   | -0.24      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | 0.03    | 0.00       | 569.94  | ppb   |
| Calcium    | 43-1  | 5229.38 | 5180.51 | 5379.48 | 5263.12    | 1.97    | ppb   |
| Calcium    | 44-1  | 5344.18 | 5319.61 | 5386.94 | 5350.24    | 0.64    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.05   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.01       | 48.46   | ppb   |
| Copper     | 63-2  | 127.55  | 126.17  | 128.67  | 127.46     | 0.98    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.94   | 22.72   | 23.22   | 22.63      | 2.86    | ppb   |
| Iron       | 57-2  | 29.14   | 26.13   | 30.30   | 28.52      | 7.54    | ppb   |
| Lead       | 206-1 | 0.88    | 0.90    | 0.88    | 0.89       | 1.29    | ppb   |
| Lead       | 207-1 | 0.81    | 0.80    | 0.78    | 0.80       | 1.65    | ppb   |
| Lead       | 208-1 | 0.83    | 0.82    | 0.82    | 0.83       | 0.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1102.34 | 1089.35 | 1108.58 | 1100.09    | 0.89    | ppb   |
| Manganese  | 55-2  | 10.90   | 10.80   | 10.89   | 10.86      | 0.49    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-29 Instrumnet Name : P7  
 Client Sample ID : DC1849-29-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:07:09 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 22.90   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.53    | 7.59    | 7.65    | 7.59       | 0.76    | ppb   |
| Phosphorus | 31-2  | 682.82  | 666.66  | 680.70  | 676.73     | 1.30    | ppb   |
| Potassium  | 39-2  | 415.41  | 419.29  | 426.66  | 420.45     | 1.36    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.46   | 0.05    | -0.21      |         | ppb   |
| Selenium   | 78-2  | 0.29    | 0.08    | -0.23   | 0.05       | 555.00  | ppb   |
| Selenium   | 82-1  | 0.60    | 1.27    | 0.37    | 0.75       | 62.39   | ppb   |
| Silicon    | 28-1  | 914.01  | 930.29  | 960.76  | 935.02     | 2.54    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 28.79   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 8.92    | ppb   |
| Sodium     | 23-2  | 9230.58 | 9153.64 | 9333.59 | 9239.27    | 0.98    | ppb   |
| Strontium  | 86-1  | 18.18   | 17.75   | 17.69   | 17.87      | 1.48    | ppb   |
| Strontium  | 88-1  | 17.97   | 17.94   | 17.96   | 17.96      | 0.07    | ppb   |
| Sulfur     | 34-1  | 293.28  | 407.04  | 434.53  | 378.28     | 19.80   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 124.33  | ppb   |
| Tin        | 118-1 | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.45    | 0.45    | 0.39    | 0.43       | 8.74    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.04    | 0.05       | 18.61   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 112.00  | 112.70  | 114.16  | 112.95     | 0.98    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 11.63   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-29-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:07:09   | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.01    | 0.02       | 63.75   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-30 Instrumnet Name : P7  
 Client Sample ID : DC1849-30-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:10:34 DataFile Name : 056SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.23    | 7.76    | 7.91    | 7.63       | 4.66    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.03    | 0.02       | 29.78   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.23    | 0.25    | 0.26       | 14.34   | ppb   |
| Barium     | 135-1 | 14.93   | 15.32   | 15.27   | 15.17      | 1.40    | ppb   |
| Barium     | 137-1 | 14.98   | 14.77   | 14.89   | 14.88      | 0.72    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.42    | 4.60    | 4.20    | 4.07       | 14.77   | ppb   |
| Boron      | 11-1  | 3.85    | 3.65    | 3.96    | 3.82       | 4.14    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.01   | -0.07   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.15   | -0.14   | -0.76   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.06    | 0.00    | 0.02       | 256.07  | ppb   |
| Calcium    | 43-1  | 5246.82 | 5230.95 | 5237.76 | 5238.51    | 0.15    | ppb   |
| Calcium    | 44-1  | 5331.34 | 5290.12 | 5374.56 | 5332.01    | 0.79    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.03    | 0.01    | 0.03       | 63.19   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 74.19   | 73.87   | 73.58   | 73.88      | 0.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.89   | 29.30   | 26.24   | 27.47      | 5.87    | ppb   |
| Iron       | 57-2  | 32.90   | 35.00   | 30.73   | 32.87      | 6.50    | ppb   |
| Lead       | 206-1 | 0.05    | 0.06    | 0.09    | 0.07       | 30.21   | ppb   |
| Lead       | 207-1 | 0.03    | 0.07    | 0.05    | 0.05       | 40.11   | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.06    | 0.06       | 13.00   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1086.08 | 1086.38 | 1092.59 | 1088.35    | 0.34    | ppb   |
| Manganese  | 55-2  | 11.24   | 11.41   | 11.00   | 11.22      | 1.83    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-30 Instrumnet Name : P7  
 Client Sample ID : DC1849-30-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:10:34 DataFile Name : 056SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 106.69  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.02    | -0.02   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.27    | 0.28    | 0.26    | 0.27       | 3.77    | ppb   |
| Phosphorus | 31-2  | 699.52  | 681.31  | 655.01  | 678.62     | 3.30    | ppb   |
| Potassium  | 39-2  | 420.96  | 424.27  | 419.93  | 421.72     | 0.54    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.05    | -0.46   | -0.20   | -0.21      |         | ppb   |
| Selenium   | 78-2  | 0.18    | -0.18   | -0.05   | -0.02      |         | ppb   |
| Selenium   | 82-1  | 0.37    | 0.84    | 0.85    | 0.68       | 40.35   | ppb   |
| Silicon    | 28-1  | 955.58  | 932.96  | 935.05  | 941.20     | 1.33    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 710.69  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9358.68 | 9343.27 | 9166.50 | 9289.48    | 1.15    | ppb   |
| Strontium  | 86-1  | 17.63   | 18.01   | 17.78   | 17.81      | 1.07    | ppb   |
| Strontium  | 88-1  | 17.92   | 18.07   | 17.94   | 17.98      | 0.44    | ppb   |
| Sulfur     | 34-1  | 716.91  | 664.44  | 921.75  | 767.70     | 17.71   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 3087.50 | ppb   |
| Tin        | 118-1 | -0.08   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.60    | 0.55    | 0.47    | 0.54       | 11.94   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 2.33    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.73    | 8.50    | 8.59    | 8.61       | 1.37    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.03    | 0.02    | 0.02       | 39.28   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-30-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:10:34   | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 17.43   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-31 Instrumnet Name : P7  
 Client Sample ID : DC1849-31-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:13:59 DataFile Name : 057SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.36   | 21.21   | 21.61   | 21.06      | 3.03    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 5.25    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.31    | 0.21    | 0.26       | 20.19   | ppb   |
| Barium     | 135-1 | 16.78   | 17.16   | 16.68   | 16.87      | 1.50    | ppb   |
| Barium     | 137-1 | 16.59   | 16.81   | 17.01   | 16.80      | 1.23    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.68    | 4.66    | 3.64    | 3.99       | 14.45   | ppb   |
| Boron      | 11-1  | 3.62    | 3.99    | 4.04    | 3.88       | 5.87    | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.00    | -0.01   | 0.02       | 204.16  | ppb   |
| Cadmium    | 106-1 | 0.63    | -0.09   | -0.42   | 0.04       | 1354.34 | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.11    | 0.16    | 0.13       | 22.17   | ppb   |
| Calcium    | 43-1  | 5492.82 | 5451.10 | 5498.55 | 5480.82    | 0.47    | ppb   |
| Calcium    | 44-1  | 5541.40 | 5528.20 | 5561.35 | 5543.65    | 0.30    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.09    | 0.10    | 0.10       | 7.79    | ppb   |
| Copper     | 63-2  | 249.83  | 252.20  | 246.36  | 249.47     | 1.18    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 48.85   | 48.80   | 50.57   | 49.41      | 2.04    | ppb   |
| Iron       | 57-2  | 53.16   | 57.47   | 52.66   | 54.43      | 4.86    | ppb   |
| Lead       | 206-1 | 13.51   | 13.73   | 14.01   | 13.75      | 1.82    | ppb   |
| Lead       | 207-1 | 12.31   | 12.63   | 12.58   | 12.51      | 1.37    | ppb   |
| Lead       | 208-1 | 13.01   | 13.13   | 13.27   | 13.14      | 0.99    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.27 | 1129.50 | 1114.46 | 1121.08    | 0.68    | ppb   |
| Manganese  | 55-2  | 39.02   | 39.14   | 38.80   | 38.99      | 0.44    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-31-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:13:59   | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.00       | 107.48  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 171.72  | 171.59  | 168.98  | 170.77     | 0.90    | ppb   |
| Phosphorus | 31-2  | 585.58  | 636.32  | 599.28  | 607.06     | 4.32    | ppb   |
| Potassium  | 39-2  | 445.61  | 447.27  | 446.53  | 446.47     | 0.19    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.05    | 0.05    | -0.21   | -0.04      |         | ppb   |
| Selenium   | 78-2  | 0.40    | 0.53    | -0.66   | 0.09       | 738.09  | ppb   |
| Selenium   | 82-1  | 0.86    | 1.47    | 0.79    | 1.04       | 35.68   | ppb   |
| Silicon    | 28-1  | 968.75  | 996.43  | 998.68  | 987.95     | 1.69    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 8.75    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.97   | ppb   |
| Sodium     | 23-2  | 9376.44 | 9507.59 | 9369.43 | 9417.82    | 0.83    | ppb   |
| Strontium  | 86-1  | 17.98   | 17.80   | 17.63   | 17.80      | 1.00    | ppb   |
| Strontium  | 88-1  | 18.31   | 18.18   | 18.20   | 18.23      | 0.39    | ppb   |
| Sulfur     | 34-1  | 713.01  | 803.75  | 810.54  | 775.77     | 7.02    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.00       | 99.48   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 32.34   | ppb   |
| Tin        | 118-1 | -0.08   | -0.06   | -0.09   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.63    | 0.67    | 0.53    | 0.61       | 11.34   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.06    | 0.06       | 11.75   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 539.92  | 548.35  | 540.83  | 543.03     | 0.85    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 12.30   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-31-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:13:59   | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.03    | 0.03       | 34.42   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-32 Instrumnet Name : P7  
 Client Sample ID : DC1849-32-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:17:25 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.47   | 9.91    | 12.24   | 14.21      | 39.06   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 15.57   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.28    | 0.28       | 3.08    | ppb   |
| Barium     | 135-1 | 15.87   | 15.73   | 15.45   | 15.68      | 1.38    | ppb   |
| Barium     | 137-1 | 15.65   | 15.52   | 15.64   | 15.60      | 0.48    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.61    | 3.63    | 4.07    | 3.77       | 6.91    | ppb   |
| Boron      | 11-1  | 3.81    | 3.61    | 4.01    | 3.81       | 5.19    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.11   | -0.02   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.06   | -1.32   | -0.11   | -0.83      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.05    | 0.05    | 0.02       | 210.96  | ppb   |
| Calcium    | 43-1  | 5459.76 | 5470.69 | 5421.04 | 5450.50    | 0.48    | ppb   |
| Calcium    | 44-1  | 5506.56 | 5508.30 | 5489.41 | 5501.42    | 0.19    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 137.66  | ppb   |
| Copper     | 63-2  | 101.81  | 102.17  | 102.20  | 102.06     | 0.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.63   | 30.19   | 34.78   | 31.87      | 7.94    | ppb   |
| Iron       | 57-2  | 37.56   | 32.55   | 34.40   | 34.83      | 7.27    | ppb   |
| Lead       | 206-1 | 2.29    | 2.21    | 2.25    | 2.25       | 1.75    | ppb   |
| Lead       | 207-1 | 2.06    | 2.05    | 2.07    | 2.06       | 0.55    | ppb   |
| Lead       | 208-1 | 2.17    | 2.11    | 2.14    | 2.14       | 1.30    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1111.98 | 1103.83 | 1104.34 | 1106.71    | 0.41    | ppb   |
| Manganese  | 55-2  | 14.97   | 14.95   | 14.87   | 14.93      | 0.32    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-32 Instrumnet Name : P7  
 Client Sample ID : DC1849-32-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:17:25 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | -0.01   | 0.00       | 188.29  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.37    | 4.43    | 4.12    | 4.31       | 3.78    | ppb   |
| Phosphorus | 31-2  | 689.17  | 681.51  | 695.59  | 688.76     | 1.02    | ppb   |
| Potassium  | 39-2  | 441.11  | 426.41  | 426.05  | 431.19     | 1.99    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.20   | -0.46   | 0.32    | -0.12      |         | ppb   |
| Selenium   | 78-2  | 0.41    | 0.27    | 0.99    | 0.56       | 68.72   | ppb   |
| Selenium   | 82-1  | 0.86    | 1.28    | 0.67    | 0.94       | 32.94   | ppb   |
| Silicon    | 28-1  | 961.40  | 963.53  | 972.53  | 965.82     | 0.61    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 66.11   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 74.65   | ppb   |
| Sodium     | 23-2  | 9393.03 | 9433.88 | 9405.87 | 9410.93    | 0.22    | ppb   |
| Strontium  | 86-1  | 18.20   | 18.06   | 18.43   | 18.23      | 1.03    | ppb   |
| Strontium  | 88-1  | 18.38   | 18.40   | 18.45   | 18.41      | 0.18    | ppb   |
| Sulfur     | 34-1  | 685.74  | 756.24  | 833.27  | 758.42     | 9.73    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 256.34  | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.46    | 0.38    | 0.40    | 0.42       | 9.30    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 3.94    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 24.68   | 24.37   | 25.02   | 24.69      | 1.32    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 23.58   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-32-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:17:25   | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.00    | 0.03    | 0.02       | 67.14   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-33 Instrumnet Name : P7  
 Client Sample ID : DC1849-33-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:20:50 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.39    | 4.49    | 7.25    | 5.38       | 30.20   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 10.79   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.26    | 0.23    | 0.22       | 14.84   | ppb   |
| Barium     | 135-1 | 16.76   | 16.81   | 17.38   | 16.98      | 2.02    | ppb   |
| Barium     | 137-1 | 16.89   | 16.62   | 16.97   | 16.83      | 1.08    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.36    | 4.34    | 4.25    | 3.98       | 13.57   | ppb   |
| Boron      | 11-1  | 3.81    | 3.94    | 4.25    | 4.00       | 5.63    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.01   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.56   | -0.16   | -0.58   | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.08    | 0.05    | 0.05       | 66.15   | ppb   |
| Calcium    | 43-1  | 5455.96 | 5325.84 | 5318.04 | 5366.61    | 1.44    | ppb   |
| Calcium    | 44-1  | 5450.99 | 5401.69 | 5461.81 | 5438.16    | 0.59    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 95.29   | ppb   |
| Copper     | 63-2  | 202.09  | 201.85  | 203.56  | 202.50     | 0.46    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 15.98   | 16.88   | 16.30   | 16.38      | 2.80    | ppb   |
| Iron       | 57-2  | 22.07   | 20.54   | 23.34   | 21.98      | 6.37    | ppb   |
| Lead       | 206-1 | 2.82    | 2.81    | 2.82    | 2.82       | 0.24    | ppb   |
| Lead       | 207-1 | 2.50    | 2.57    | 2.49    | 2.52       | 1.84    | ppb   |
| Lead       | 208-1 | 2.68    | 2.67    | 2.66    | 2.67       | 0.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.07 | 1129.28 | 1126.47 | 1124.94    | 0.47    | ppb   |
| Manganese  | 55-2  | 9.69    | 9.74    | 9.98    | 9.80       | 1.57    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-33 Instrumnet Name : P7  
 Client Sample ID : DC1849-33-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:20:50 DataFile Name : 059SMPL.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  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 8.95    | 9.05    | 9.07    | 9.02       | 0.75    | ppb   |
| Phosphorus | 31-2  | 615.66  | 591.81  | 647.32  | 618.26     | 4.50    | ppb   |
| Potassium  | 39-2  | 418.96  | 422.78  | 425.43  | 422.39     | 0.77    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.20   | -0.46   | 0.32    | -0.12      |         | ppb   |
| Selenium   | 78-2  | 0.51    | 0.32    | 0.20    | 0.34       | 46.56   | ppb   |
| Selenium   | 82-1  | 1.01    | 0.15    | 0.47    | 0.54       | 80.17   | ppb   |
| Silicon    | 28-1  | 977.27  | 960.84  | 977.50  | 971.87     | 0.98    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 3.67    | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 26.31   | ppb   |
| Sodium     | 23-2  | 9466.67 | 9332.52 | 9547.20 | 9448.80    | 1.15    | ppb   |
| Strontium  | 86-1  | 18.05   | 17.94   | 18.25   | 18.08      | 0.86    | ppb   |
| Strontium  | 88-1  | 18.11   | 18.11   | 18.26   | 18.16      | 0.50    | ppb   |
| Sulfur     | 34-1  | 923.63  | 850.51  | 1068.09 | 947.41     | 11.69   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 25.67   | ppb   |
| Tin        | 118-1 | -0.07   | -0.09   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.40    | 0.39    | 0.49    | 0.43       | 13.08   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.05    | 0.04       | 20.88   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 231.12  | 228.78  | 232.14  | 230.68     | 0.75    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.02    | 0.01    | 0.01       | 81.14   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-33              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-33-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:20:50   | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 56.11   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-34 Instrumnet Name : P7  
 Client Sample ID : DC1849-34-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:24:16 DataFile Name : 060SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.78    | 6.25    | 6.40    | 6.14       | 5.28    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.02    | 0.03       | 20.36   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.26    | 0.27    | 0.26       | 4.31    | ppb   |
| Barium     | 135-1 | 15.47   | 15.40   | 16.25   | 15.70      | 3.00    | ppb   |
| Barium     | 137-1 | 15.11   | 15.34   | 15.71   | 15.38      | 1.97    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.48    | 4.61    | 3.74    | 3.94       | 15.01   | ppb   |
| Boron      | 11-1  | 3.93    | 3.82    | 4.01    | 3.92       | 2.39    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.04   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.37   | -0.33   | 0.21    | -0.16      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5312.31 | 5357.32 | 5629.69 | 5433.11    | 3.16    | ppb   |
| Calcium    | 44-1  | 5394.79 | 5472.25 | 5745.71 | 5537.59    | 3.33    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 78.53   | 75.36   | 79.57   | 77.82      | 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  | 27.88   | 27.24   | 29.16   | 28.09      | 3.47    | ppb   |
| Iron       | 57-2  | 36.29   | 33.81   | 35.48   | 35.19      | 3.60    | ppb   |
| Lead       | 206-1 | 0.33    | 0.33    | 0.39    | 0.35       | 9.26    | ppb   |
| Lead       | 207-1 | 0.33    | 0.30    | 0.36    | 0.33       | 10.40   | ppb   |
| Lead       | 208-1 | 0.34    | 0.31    | 0.37    | 0.34       | 9.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.42 | 1048.19 | 1110.85 | 1083.48    | 2.96    | ppb   |
| Manganese  | 55-2  | 11.86   | 11.62   | 12.18   | 11.89      | 2.36    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-34              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-34-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:24:16   | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.02    | 0.01       | 209.08  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.41    | 0.49    | 0.49    | 0.46       | 9.25    | ppb   |
| Phosphorus | 31-2  | 657.82  | 673.33  | 715.36  | 682.17     | 4.36    | ppb   |
| Potassium  | 39-2  | 417.91  | 389.19  | 434.66  | 413.92     | 5.56    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.23   | -0.22   | -0.31      |         | ppb   |
| Selenium   | 78-2  | -0.01   | 0.01    | 0.13    | 0.05       | 162.33  | ppb   |
| Selenium   | 82-1  | 1.17    | 1.15    | 0.90    | 1.08       | 13.85   | ppb   |
| Silicon    | 28-1  | 929.78  | 949.79  | 1001.19 | 960.25     | 3.84    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 580.50  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9337.99 | 9056.48 | 9398.89 | 9264.45    | 1.97    | ppb   |
| Strontium  | 86-1  | 17.55   | 17.90   | 18.64   | 18.03      | 3.09    | ppb   |
| Strontium  | 88-1  | 18.03   | 18.30   | 18.79   | 18.37      | 2.10    | ppb   |
| Sulfur     | 34-1  | 108.25  | 417.88  | 1012.54 | 512.89     | 89.60   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 77.55   | ppb   |
| Tin        | 118-1 | -0.02   | -0.07   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.56    | 0.57    | 0.45    | 0.53       | 12.10   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.05    | 0.06    | 0.06       | 12.24   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 12.82   | 12.45   | 12.88   | 12.72      | 1.85    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 32.07   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-34              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-34-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:24:16   | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 29.50   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-35 Instrumnet Name : P7  
 Client Sample ID : DC1849-35-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:27:42 DataFile Name : 061SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.97    | 6.11    | 5.96    | 5.68       | 10.86   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.04    | 0.05       | 21.12   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.22    | 0.24    | 0.22       | 7.30    | ppb   |
| Barium     | 135-1 | 16.93   | 16.69   | 16.60   | 16.74      | 1.01    | ppb   |
| Barium     | 137-1 | 16.80   | 16.67   | 16.80   | 16.76      | 0.44    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.93    | 3.88    | 4.13    | 3.98       | 3.27    | ppb   |
| Boron      | 11-1  | 3.95    | 4.17    | 3.97    | 4.03       | 3.06    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.04   | 0.03    | 0.01       | 627.06  | ppb   |
| Cadmium    | 106-1 | 0.35    | -0.47   | 0.52    | 0.13       | 398.54  | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.00    | 0.01    | 0.01       | 144.84  | ppb   |
| Calcium    | 43-1  | 5414.54 | 5406.43 | 5365.28 | 5395.42    | 0.49    | ppb   |
| Calcium    | 44-1  | 5441.37 | 5505.54 | 5476.16 | 5474.36    | 0.59    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.04    | -0.02   | 0.01       | 587.89  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 17.06   | ppb   |
| Copper     | 63-2  | 185.77  | 182.93  | 188.88  | 185.86     | 1.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.16   | 17.26   | 17.88   | 17.77      | 2.60    | ppb   |
| Iron       | 57-2  | 24.90   | 23.63   | 22.47   | 23.67      | 5.13    | ppb   |
| Lead       | 206-1 | 2.20    | 2.24    | 2.30    | 2.24       | 2.11    | ppb   |
| Lead       | 207-1 | 1.97    | 1.95    | 2.01    | 1.98       | 1.47    | ppb   |
| Lead       | 208-1 | 2.08    | 2.09    | 2.12    | 2.10       | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1128.21 | 1121.16 | 1146.65 | 1132.01    | 1.16    | ppb   |
| Manganese  | 55-2  | 9.75    | 10.03   | 10.13   | 9.97       | 1.97    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-35 Instrumnet Name : P7  
 Client Sample ID : DC1849-35-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:27:42 DataFile Name : 061SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.03    | 0.01       | 92.63   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 28.55   | 28.12   | 28.79   | 28.49      | 1.19    | ppb   |
| Phosphorus | 31-2  | 639.91  | 625.61  | 652.25  | 639.26     | 2.09    | ppb   |
| Potassium  | 39-2  | 421.79  | 424.91  | 430.79  | 425.83     | 1.07    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | 0.02    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.32   | -0.29   | 0.32    | -0.10      |         | ppb   |
| Selenium   | 82-1  | 1.09    | 0.11    | 1.04    | 0.75       | 73.97   | ppb   |
| Silicon    | 28-1  | 954.42  | 962.59  | 951.42  | 956.14     | 0.60    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.74   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 4.13    | ppb   |
| Sodium     | 23-2  | 9403.33 | 9302.02 | 9542.72 | 9416.02    | 1.28    | ppb   |
| Strontium  | 86-1  | 18.15   | 18.55   | 18.02   | 18.24      | 1.51    | ppb   |
| Strontium  | 88-1  | 18.34   | 18.49   | 18.37   | 18.40      | 0.44    | ppb   |
| Sulfur     | 34-1  | 309.09  | 462.41  | 484.51  | 418.67     | 22.82   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.49    | 0.50    | 0.38    | 0.46       | 14.23   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.05    | 0.05       | 12.57   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 91.40   | 90.16   | 92.63   | 91.40      | 1.35    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 12.43   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-35-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:27:42   | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.02    | 0.02       | 43.86   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-36 Instrumnet Name : P7  
 Client Sample ID : DC1849-36-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:31:07 DataFile Name : 062SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.05    | 7.33    | 5.88    | 6.75       | 11.38   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.97    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.25    | 0.34    | 0.30       | 13.75   | ppb   |
| Barium     | 135-1 | 15.35   | 15.49   | 15.56   | 15.47      | 0.69    | ppb   |
| Barium     | 137-1 | 15.34   | 15.47   | 14.98   | 15.26      | 1.67    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.10    | 4.20    | 4.21    | 4.17       | 1.48    | ppb   |
| Boron      | 11-1  | 3.74    | 3.66    | 4.07    | 3.83       | 5.74    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.06   | -0.07   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.22    | -0.65   | -0.88   | -0.44      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5350.77 | 5416.29 | 5297.93 | 5355.00    | 1.11    | ppb   |
| Calcium    | 44-1  | 5488.70 | 5493.79 | 5397.25 | 5459.91    | 0.99    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.02    | 0.00    | 0.01       | 85.01   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 71.52   | 71.10   | 69.15   | 70.59      | 1.79    | 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  | 28.57   | 27.52   | 27.90   | 28.00      | 1.90    | ppb   |
| Iron       | 57-2  | 33.24   | 32.36   | 30.50   | 32.03      | 4.36    | ppb   |
| Lead       | 206-1 | 0.19    | 0.21    | 0.20    | 0.20       | 3.88    | ppb   |
| Lead       | 207-1 | 0.18    | 0.17    | 0.18    | 0.18       | 4.71    | ppb   |
| Lead       | 208-1 | 0.19    | 0.19    | 0.20    | 0.19       | 3.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1120.66 | 1100.12 | 1077.87 | 1099.55    | 1.95    | ppb   |
| Manganese  | 55-2  | 11.37   | 11.19   | 11.09   | 11.21      | 1.26    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-36 Instrumnet Name : P7  
 Client Sample ID : DC1849-36-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:31:07 DataFile Name : 062SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.01    | 0.02       | 65.62   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.19    | 1.14    | 1.19    | 1.17       | 2.54    | ppb   |
| Phosphorus | 31-2  | 690.09  | 685.33  | 657.47  | 677.63     | 2.60    | ppb   |
| Potassium  | 39-2  | 421.32  | 417.54  | 407.66  | 415.51     | 1.70    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.01    | -0.22   | -0.23      |         | ppb   |
| Selenium   | 78-2  | -0.07   | -0.96   | -0.38   | -0.47      |         | ppb   |
| Selenium   | 82-1  | 1.19    | 0.50    | 0.87    | 0.85       | 40.10   | ppb   |
| Silicon    | 28-1  | 948.31  | 956.07  | 934.93  | 946.43     | 1.13    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 84.43   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9507.20 | 9333.79 | 9143.80 | 9328.26    | 1.95    | ppb   |
| Strontium  | 86-1  | 18.04   | 18.60   | 18.23   | 18.29      | 1.56    | ppb   |
| Strontium  | 88-1  | 18.41   | 18.50   | 18.35   | 18.42      | 0.41    | ppb   |
| Sulfur     | 34-1  | 346.96  | 433.62  | 287.54  | 356.04     | 20.63   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 301.68  | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.52    | 0.54    | 0.42    | 0.49       | 12.43   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.05    | 0.05       | 4.02    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 10.80   | 10.45   | 9.89    | 10.38      | 4.44    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 30.96   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-36-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:31:07   | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 44.28   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : PB101399BL Instrumnet Name : P7  
 Client Sample ID : PB101399BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:34:33 DataFile Name : 063SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.10   | -0.52   | -0.18   | -0.27      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.39   | -0.38   | -0.39      |         | ppb   |
| Barium     | 137-1 | -0.34   | -0.36   | -0.36   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.26    | 0.11    | 0.19    | 0.19       | 42.19   | ppb   |
| Boron      | 11-1  | -0.02   | 0.06    | -0.20   | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.57   | -0.61   | -0.46   | -0.54      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.05   | 0.02    | -0.02      |         | ppb   |
| Calcium    | 43-1  | -1.81   | -1.99   | -1.88   | -1.90      |         | ppb   |
| Calcium    | 44-1  | -1.41   | -2.73   | -2.99   | -2.38      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.03   | 0.01    | -0.05   | -0.02      |         | 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  | -0.50   | -0.48   | -0.34   | -0.44      |         | ppb   |
| Iron       | 57-2  | -0.21   | -0.65   | -0.43   | -0.43      |         | ppb   |
| Lead       | 206-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Lead       | 207-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Lead       | 208-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.58   | -0.54   | -0.50   | -0.54      |         | ppb   |
| Manganese  | 55-2  | 0.02    | 0.02    | 0.02    | 0.02       | 12.90   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:34:33 | DataFile Name :   | 063SMPL.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  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 0.72    | -5.86   | 0.95    | -1.39      |         | ppb   |
| Potassium  | 39-2  | -5.97   | -8.60   | -4.95   | -6.51      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.04    | 0.04    | -0.46   | -0.13      |         | ppb   |
| Selenium   | 78-2  | -0.58   | -0.14   | 0.15    | -0.19      |         | ppb   |
| Selenium   | 82-1  | 0.49    | 0.98    | 0.84    | 0.77       | 33.08   | ppb   |
| Silicon    | 28-1  | -7.77   | -7.51   | -7.95   | -7.74      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 69.86   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9.79    | 10.34   | 11.86   | 10.67      | 10.07   | ppb   |
| Strontium  | 86-1  | -0.05   | -0.12   | -0.04   | -0.07      |         | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -145.94 | -155.60 | -326.60 | -209.38    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.60   | -0.57   | -0.61   | -0.59      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:34:33 | DataFile Name :   | 063SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:37:59 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 3.52    | 2.26    | 2.77    | 2.85       | 22.31    | ppb   |
| Antimony   | 121-1 | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.05   | -0.05      |          | ppb   |
| Barium     | 135-1 | -0.39   | -0.40   | -0.38   | -0.39      |          | ppb   |
| Barium     | 137-1 | -0.36   | -0.36   | -0.36   | -0.36      |          | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 0.27    | 0.34    | 0.28    | 0.29       | 13.08    | ppb   |
| Boron      | 11-1  | -0.01   | 0.08    | 0.10    | 0.06       | 103.09   | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.02   | -0.04   | -0.02      |          | ppb   |
| Cadmium    | 106-1 | 0.11    | -0.16   | -0.26   | -0.10      |          | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | 0.08    | 0.02       | 363.24   | ppb   |
| Calcium    | 43-1  | 0.35    | 1.74    | -1.01   | 0.36       | 380.75   | ppb   |
| Calcium    | 44-1  | 0.54    | -0.21   | -0.32   | 0.00       | 13725.94 | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.02   | -0.03      |          | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.01   | -0.01      |          | ppb   |
| Copper     | 63-2  | -0.04   | -0.06   | -0.04   | -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  | -0.06   | 0.03    | -0.04   | -0.02      |          | ppb   |
| Iron       | 57-2  | -0.28   | 0.37    | -0.51   | -0.14      |          | ppb   |
| Lead       | 206-1 | 482.63  | 492.11  | 482.51  | 485.75     | 1.13     | ppb   |
| Lead       | 207-1 | 478.11  | 483.91  | 478.99  | 480.34     | 0.65     | ppb   |
| Lead       | 208-1 | 488.59  | 490.87  | 487.64  | 489.04     | 0.34     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | -0.32   | -0.40   | -0.42   | -0.38      |          | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | 0.01    | 0.00       | 983.77   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:37:59 | DataFile Name :   | 064SMPL.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   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -1.79   | 4.86    | 1.65    | 1.57       | 211.22  | ppb   |
| Potassium  | 39-2  | -6.87   | -5.71   | -3.77   | -5.45      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.29    | -0.21   | -0.21   | -0.05      |         | ppb   |
| Selenium   | 78-2  | 0.05    | -0.32   | 0.48    | 0.07       | 558.59  | ppb   |
| Selenium   | 82-1  | 1.05    | 0.84    | 0.78    | 0.89       | 16.08   | ppb   |
| Silicon    | 28-1  | -7.79   | -8.16   | -9.12   | -8.35      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 854.37  | ppb   |
| Sodium     | 23-2  | 10.46   | 10.32   | 11.01   | 10.60      | 3.46    | ppb   |
| Strontium  | 86-1  | -0.13   | -0.04   | -0.03   | -0.07      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 141.17  | ppb   |
| Sulfur     | 34-1  | -374.17 | -273.95 | -284.54 | -310.89    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 191.36  | ppb   |
| Tin        | 118-1 | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.00    | 0.01    | 0.01       | 74.95   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.64   | -0.63   | -0.63   | -0.63      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:37:59 | DataFile Name :   | 064SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:41:24 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.14    | 0.05    | 0.13    | 0.11       | 42.98   | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.38   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.36   | -0.36   | -0.38   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.37    | -0.12   | -0.30   | -0.02      |         | ppb   |
| Boron      | 11-1  | -0.24   | -0.23   | -0.36   | -0.28      |         | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.00    | 0.00    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.38   | 0.12    | 0.18    | -0.03      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.01   | 0.03    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -0.85   | -1.42   | -1.74   | -1.33      |         | ppb   |
| Calcium    | 44-1  | -2.59   | -2.25   | -4.58   | -3.14      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.01   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.05   | -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  | -0.42   | -0.41   | -0.53   | -0.46      |         | ppb   |
| Iron       | 57-2  | -0.40   | 0.38    | -0.95   | -0.32      |         | ppb   |
| Lead       | 206-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.86   | -0.52   | -0.71   | -0.69      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:41:24 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -7.32   | 4.38    | -3.37   | -2.11      |         | ppb   |
| Potassium  | 39-2  | -7.09   | -4.63   | -8.76   | -6.82      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.21   | -0.21   | -0.29      |         | ppb   |
| Selenium   | 78-2  | -0.52   | 0.93    | 0.66    | 0.36       | 216.01  | ppb   |
| Selenium   | 82-1  | 0.75    | 0.20    | 0.31    | 0.42       | 69.45   | ppb   |
| Silicon    | 28-1  | -8.46   | -5.64   | -10.90  | -8.33      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 7.92    | 9.53    | 9.08    | 8.84       | 9.36    | ppb   |
| Strontium  | 86-1  | -0.05   | -0.12   | -0.04   | -0.07      |         | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -47.35  | 283.59  | -409.55 | -57.77     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.04    | 0.03    | 0.02       | 93.91   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.73   | -0.77   | -0.76   | -0.75      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:41:24 | DataFile Name :   | 065SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : PB101399BS Instrumnet Name : P7  
 Client Sample ID : PB101399BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:44:50 DataFile Name : 066SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.44    | 2.92    | 2.81    | 2.72       | 9.28    | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.39   | -0.39   | -0.39   | -0.39      |         | ppb   |
| Barium     | 137-1 | -0.35   | -0.37   | -0.35   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.01    | 0.09    | 0.26    | 0.12       | 109.09  | ppb   |
| Boron      | 11-1  | -0.08   | -0.05   | -0.10   | -0.08      |         | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.01    | 0.00    | 0.02       | 120.26  | ppb   |
| Cadmium    | 106-1 | 0.92    | 0.34    | 0.28    | 0.51       | 69.30   | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -0.09   | -1.87   | -2.46   | -1.47      |         | ppb   |
| Calcium    | 44-1  | -1.30   | -1.62   | -1.06   | -1.33      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.06   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.07   | -0.07   | -0.04   | -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  | 0.02    | -0.06   | -0.07   | -0.04      |         | ppb   |
| Iron       | 57-2  | -0.63   | -0.81   | -0.83   | -0.76      |         | ppb   |
| Lead       | 206-1 | 496.19  | 475.60  | 497.50  | 489.76     | 2.51    | ppb   |
| Lead       | 207-1 | 489.00  | 469.86  | 491.84  | 483.57     | 2.47    | ppb   |
| Lead       | 208-1 | 497.66  | 476.28  | 501.53  | 491.83     | 2.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.34   | -0.73   | -0.53   | -0.54      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:44:50 | DataFile Name :   | 066SMPL.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  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 0.24    | 5.42    | -1.70   | 1.32       | 278.24  | ppb   |
| Potassium  | 39-2  | -5.25   | -7.25   | -3.40   | -5.30      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.21   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.66    | -0.19   | 0.15    | 0.21       | 204.88  | ppb   |
| Selenium   | 82-1  | 0.67    | 0.83    | 1.00    | 0.83       | 20.06   | ppb   |
| Silicon    | 28-1  | -7.97   | -10.89  | -5.91   | -8.26      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 805.74  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 7.95    | 7.37    | 7.08    | 7.47       | 5.99    | ppb   |
| Strontium  | 86-1  | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 4.73    | -462.18 | 36.76   | -140.23    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.07    | -0.04   | -0.03   | 0.00       | 5102.54 | ppb   |
| Titanium   | 47-1  | -0.01   | 0.01    | 0.01    | 0.00       | 1103.15 | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.69   | -0.48   | -0.59   | -0.59      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:44:50 | DataFile Name :   | 066SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-01 Instrumnet Name : P7  
 Client Sample ID : DC16740-01-FL1-KIS-W DataFile Name : 067SMPL.d  
 Date & Time Acquired :: 2017-08-09 19:48:16

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 381.47  | 371.63  | 367.63  | 373.57     | 1.91    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 15.50   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.25    | 0.28    | 0.23       | 24.49   | ppb   |
| Barium     | 135-1 | 15.32   | 15.76   | 15.55   | 15.54      | 1.43    | ppb   |
| Barium     | 137-1 | 15.37   | 15.70   | 15.34   | 15.47      | 1.30    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.72    | 4.42    | 4.20    | 4.11       | 8.62    | ppb   |
| Boron      | 11-1  | 4.37    | 4.25    | 4.46    | 4.36       | 2.39    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.07    | 0.05    | 0.05       | 47.05   | ppb   |
| Cadmium    | 106-1 | -0.29   | 0.23    | 0.12    | 0.02       | 1440.32 | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.09    | 0.13    | 0.10       | 33.31   | ppb   |
| Calcium    | 43-1  | 5581.24 | 5589.09 | 5502.89 | 5557.74    | 0.86    | ppb   |
| Calcium    | 44-1  | 5704.20 | 5731.27 | 5629.73 | 5688.40    | 0.92    | ppb   |
| Chromium   | 52-2  | 0.09    | 0.07    | 0.08    | 0.08       | 9.84    | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.05    | 0.05    | 0.05       | 3.84    | ppb   |
| Copper     | 63-2  | 209.73  | 206.77  | 208.36  | 208.29     | 0.71    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.08   | 22.95   | 22.90   | 23.31      | 2.85    | ppb   |
| Iron       | 57-2  | 30.65   | 28.40   | 31.35   | 30.13      | 5.12    | ppb   |
| Lead       | 206-1 | 0.35    | 0.30    | 0.31    | 0.32       | 7.35    | ppb   |
| Lead       | 207-1 | 0.28    | 0.30    | 0.29    | 0.29       | 1.90    | ppb   |
| Lead       | 208-1 | 0.32    | 0.30    | 0.29    | 0.30       | 5.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1134.12 | 1115.22 | 1124.03 | 1124.46    | 0.84    | ppb   |
| Manganese  | 55-2  | 8.47    | 8.20    | 8.34    | 8.34       | 1.64    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-01 Instrumnet Name : P7  
 Client Sample ID : DC16740-01-FL1-KIS-W DataFile Name : 067SMPL.d  
 Date & Time Acquired :: 2017-08-09 19:48:16

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02    | 0.01    | 0.01       | 27.10   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | 0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 10.48    | 10.46   | 10.62   | 10.52      | 0.81    | ppb   |
| Phosphorus | 31-2  | 553.25   | 515.29  | 560.08  | 542.88     | 4.44    | ppb   |
| Potassium  | 39-2  | 458.74   | 454.78  | 458.84  | 457.45     | 0.51    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46    | -0.22   | -0.22   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.57    | -0.50   | -0.13   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.62     | 0.93    | 0.53    | 0.69       | 30.62   | ppb   |
| Silicon    | 28-1  | 1047.81  | 1054.69 | 1032.12 | 1044.87    | 1.11    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.00    | 0.00       | 223.22  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 58.66   | ppb   |
| Sodium     | 23-2  | 10110.86 | 9925.69 | 9976.49 | 10004.35   | 0.96    | ppb   |
| Strontium  | 86-1  | 19.08    | 19.24   | 18.77   | 19.03      | 1.25    | ppb   |
| Strontium  | 88-1  | 19.35    | 19.49   | 19.25   | 19.36      | 0.62    | ppb   |
| Sulfur     | 34-1  | 240.29   | 350.42  | 300.21  | 296.97     | 18.57   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00    | 0.00       | 201.00  | ppb   |
| Tin        | 118-1 | 0.47     | 0.40    | 0.36    | 0.41       | 13.72   | ppb   |
| Titanium   | 47-1  | 0.41     | 0.40    | 0.40    | 0.40       | 1.46    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.06    | 0.08    | 0.07       | 14.67   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 460.33   | 454.41  | 456.05  | 456.93     | 0.67    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02    | 0.03    | 0.03       | 16.71   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-01-FL1-KIS-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:48:16   | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.05    | 0.04       | 21.53   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-02 Instrumnet Name : P7  
 Client Sample ID : DC16740-02-FL1-KIS-W DataFile Name : 068SMPL.d  
 Date & Time Acquired :: 2017-08-09 19:51:41

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.32   | 13.44   | 11.05   | 12.27      | 9.73    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 7.28    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.23    | 0.22    | 0.22       | 3.48    | ppb   |
| Barium     | 135-1 | 15.96   | 15.96   | 16.17   | 16.03      | 0.76    | ppb   |
| Barium     | 137-1 | 15.95   | 15.79   | 15.89   | 15.88      | 0.52    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.47    | 3.82    | 4.29    | 4.19       | 7.97    | ppb   |
| Boron      | 11-1  | 3.89    | 4.04    | 4.12    | 4.02       | 2.92    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.25    | -0.12   | -0.43   | -0.10      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.05    | 0.01    | 0.01       | 421.55  | ppb   |
| Calcium    | 43-1  | 5891.38 | 5626.54 | 5664.77 | 5727.56    | 2.50    | ppb   |
| Calcium    | 44-1  | 6010.55 | 5736.40 | 5770.34 | 5839.10    | 2.56    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 32.25   | ppb   |
| Copper     | 63-2  | 213.29  | 203.36  | 206.80  | 207.82     | 2.43    | 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  | 21.24   | 20.64   | 21.21   | 21.03      | 1.61    | ppb   |
| Iron       | 57-2  | 27.59   | 26.85   | 26.05   | 26.83      | 2.87    | ppb   |
| Lead       | 206-1 | 0.12    | 0.15    | 0.13    | 0.13       | 11.55   | ppb   |
| Lead       | 207-1 | 0.13    | 0.12    | 0.13    | 0.12       | 5.00    | ppb   |
| Lead       | 208-1 | 0.13    | 0.13    | 0.11    | 0.13       | 8.01    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1115.98 | 1070.97 | 1082.92 | 1089.95    | 2.14    | ppb   |
| Manganese  | 55-2  | 9.31    | 8.82    | 9.09    | 9.07       | 2.73    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-02 Instrumnet Name : P7  
 Client Sample ID : DC16740-02-FL1-KIS-W DataFile Name : 068SMPL.d  
 Date & Time Acquired :: 2017-08-09 19:51:41

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.00    | 0.02    | 0.01       | 68.48   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.01   | -0.04   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02   | 0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 30.50    | 29.23   | 30.02   | 29.92      | 2.13    | ppb   |
| Phosphorus | 31-2  | 670.14   | 634.85  | 604.40  | 636.46     | 5.17    | ppb   |
| Potassium  | 39-2  | 447.98   | 425.73  | 436.78  | 436.83     | 2.55    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22    | 0.48    | 0.02    | 0.09       | 379.29  | ppb   |
| Selenium   | 78-2  | -0.08    | -0.05   | -0.02   | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.41     | 0.08    | 1.26    | 0.58       | 103.74  | ppb   |
| Silicon    | 28-1  | 1101.58  | 1018.13 | 1030.34 | 1050.02    | 4.29    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.01    | 0.01       | 37.07   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 130.57  | ppb   |
| Sodium     | 23-2  | 10126.12 | 9733.77 | 9758.90 | 9872.93    | 2.22    | ppb   |
| Strontium  | 86-1  | 19.39    | 19.18   | 19.45   | 19.34      | 0.74    | ppb   |
| Strontium  | 88-1  | 19.89    | 19.74   | 19.70   | 19.78      | 0.49    | ppb   |
| Sulfur     | 34-1  | 972.09   | 563.08  | 833.43  | 789.54     | 26.35   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.07    | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.57     | 0.37    | 0.41    | 0.45       | 23.12   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.06    | 0.06       | 4.36    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 21.78    | 20.60   | 20.95   | 21.11      | 2.88    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02    | 0.03    | 0.02       | 26.87   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-02-FL1-KIS-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:51:41   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 10.82   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-03 Instrumnet Name : P7  
 Client Sample ID : DC16740-03-FL1-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:55:06 DataFile Name : 069SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 141.45  | 121.72  | 104.58  | 122.59     | 15.05   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 11.97   | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.22    | 0.26    | 0.27       | 20.05   | ppb   |
| Barium     | 135-1 | 15.80   | 15.46   | 15.46   | 15.57      | 1.24    | ppb   |
| Barium     | 137-1 | 15.51   | 15.68   | 15.31   | 15.50      | 1.18    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.63    | 3.33    | 4.31    | 4.09       | 16.50   | ppb   |
| Boron      | 11-1  | 3.81    | 3.90    | 4.27    | 3.99       | 6.05    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.04    | 0.00    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.60   | 0.82    | 0.02    | 0.08       | 900.57  | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.07    | 0.00    | 0.01       | 449.39  | ppb   |
| Calcium    | 43-1  | 5486.77 | 5584.63 | 5535.16 | 5535.52    | 0.88    | ppb   |
| Calcium    | 44-1  | 5614.92 | 5627.28 | 5661.58 | 5634.59    | 0.43    | ppb   |
| Chromium   | 52-2  | 0.05    | -0.04   | -0.07   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 52.24   | ppb   |
| Copper     | 63-2  | 189.40  | 156.66  | 148.47  | 164.84     | 13.14   | 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  | 30.97   | 25.49   | 22.96   | 26.47      | 15.46   | ppb   |
| Iron       | 57-2  | 38.53   | 30.17   | 28.95   | 32.55      | 16.02   | ppb   |
| Lead       | 206-1 | 0.03    | 0.06    | 0.03    | 0.04       | 40.60   | ppb   |
| Lead       | 207-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.25    | ppb   |
| Lead       | 208-1 | 0.03    | 0.04    | 0.03    | 0.03       | 4.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1360.36 | 1109.60 | 1071.21 | 1180.39    | 13.30   | ppb   |
| Manganese  | 55-2  | 13.90   | 11.29   | 11.24   | 12.14      | 12.53   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-03 Instrumnet Name : P7  
 Client Sample ID : DC16740-03-FL1-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:55:06 DataFile Name : 069SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.00    | 0.01       | 56.70   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.02    | -0.04   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00     | -0.02    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 3.71     | 3.29     | 2.96    | 3.32       | 11.25   | ppb   |
| Phosphorus | 31-2  | 843.76   | 641.12   | 637.16  | 707.35     | 16.70   | ppb   |
| Potassium  | 39-2  | 572.03   | 448.52   | 425.09  | 481.88     | 16.38   | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.16    | -0.22    | -0.22   | -0.20      |         | ppb   |
| Selenium   | 78-2  | 0.94     | -0.42    | -0.67   | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.46     | 0.82     | 0.79    | 0.69       | 29.43   | ppb   |
| Silicon    | 28-1  | 983.20   | 996.14   | 1015.29 | 998.21     | 1.62    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00    | 0.00       | 107.69  | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00    | 0.00       | 86.90   | ppb   |
| Sodium     | 23-2  | 12343.73 | 10094.74 | 9696.63 | 10711.70   | 13.32   | ppb   |
| Strontium  | 86-1  | 19.26    | 18.87    | 18.96   | 19.03      | 1.08    | ppb   |
| Strontium  | 88-1  | 19.45    | 19.24    | 19.51   | 19.40      | 0.71    | ppb   |
| Sulfur     | 34-1  | 642.04   | 806.39   | 929.56  | 792.66     | 18.20   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | -0.01    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       | 148.63  | ppb   |
| Tin        | 118-1 | 0.05     | 0.05     | 0.06    | 0.05       | 10.06   | ppb   |
| Titanium   | 47-1  | 0.34     | 0.37     | 0.50    | 0.40       | 20.60   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.08     | 0.06    | 0.08       | 20.54   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 21.12    | 16.97    | 16.40   | 18.16      | 14.18   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02    | 0.02       | 27.35   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-03-FL1-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:55:06  | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.03    | 0.03       | 27.02   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-04 Instrumnet Name : P7  
 Client Sample ID : DC16740-04-FL1-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:58:31 DataFile Name : 070SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.82    | 7.82    | 7.06    | 7.57       | 5.79    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.02    | 0.02       | 30.65   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.23    | 0.18    | 0.20       | 12.02   | ppb   |
| Barium     | 135-1 | 16.08   | 16.25   | 15.87   | 16.07      | 1.19    | ppb   |
| Barium     | 137-1 | 15.70   | 15.64   | 15.72   | 15.69      | 0.27    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.98    | 3.93    | 3.69    | 3.86       | 4.06    | ppb   |
| Boron      | 11-1  | 3.73    | 3.78    | 3.81    | 3.77       | 0.98    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.05   | 0.01    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.51    | -0.57   | 0.34    | 0.09       | 641.48  | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.04    | 0.03    | 0.02       | 192.24  | ppb   |
| Calcium    | 43-1  | 5628.55 | 5516.56 | 5564.40 | 5569.84    | 1.01    | ppb   |
| Calcium    | 44-1  | 5680.42 | 5573.30 | 5677.29 | 5643.67    | 1.08    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 346.99  | ppb   |
| Copper     | 63-2  | 159.56  | 153.82  | 156.69  | 156.69     | 1.83    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.99   | 20.84   | 21.61   | 21.81      | 4.98    | ppb   |
| Iron       | 57-2  | 26.94   | 27.34   | 27.57   | 27.28      | 1.18    | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1095.69 | 1044.12 | 1065.21 | 1068.34    | 2.43    | ppb   |
| Manganese  | 55-2  | 10.81   | 10.28   | 10.47   | 10.52      | 2.58    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-04 Instrumnet Name : P7  
 Client Sample ID : DC16740-04-FL1-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:58:31 DataFile Name : 070SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 22.52   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.11    | 1.15    | 1.11    | 1.12       | 1.85    | ppb   |
| Phosphorus | 31-2  | 633.54  | 596.00  | 629.86  | 619.80     | 3.34    | ppb   |
| Potassium  | 39-2  | 432.07  | 399.49  | 422.99  | 418.18     | 4.02    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.49    | -0.46   | -0.15      |         | ppb   |
| Selenium   | 78-2  | -0.61   | -0.18   | -0.25   | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.40    | 0.35    | 0.90    | 0.55       | 55.20   | ppb   |
| Silicon    | 28-1  | 1013.68 | 984.84  | 997.21  | 998.57     | 1.45    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 124.27  | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 109.89  | ppb   |
| Sodium     | 23-2  | 9841.14 | 9523.48 | 9758.85 | 9707.83    | 1.70    | ppb   |
| Strontium  | 86-1  | 19.39   | 19.04   | 18.86   | 19.09      | 1.42    | ppb   |
| Strontium  | 88-1  | 19.71   | 19.26   | 19.40   | 19.46      | 1.16    | ppb   |
| Sulfur     | 34-1  | 566.07  | 601.01  | 687.29  | 618.13     | 10.09   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 69.28   | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.45    | 0.39    | 0.30    | 0.38       | 20.56   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 4.34    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 7.51    | 6.87    | 7.27    | 7.22       | 4.48    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 20.38   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-04-FL1-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:58:31  | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.02    | 0.02       | 42.56   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-05 Instrumnet Name : P7  
 Client Sample ID : DC16740-05-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:01:57 DataFile Name : 071SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.39   | 17.33   | 15.73   | 16.49      | 4.87    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 8.27    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.29    | 0.27    | 0.28       | 2.74    | ppb   |
| Barium     | 135-1 | 17.44   | 18.13   | 17.72   | 17.76      | 1.96    | ppb   |
| Barium     | 137-1 | 17.56   | 18.07   | 17.55   | 17.73      | 1.66    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.25    | 4.26    | 5.46    | 4.66       | 14.91   | ppb   |
| Boron      | 11-1  | 4.56    | 4.53    | 4.33    | 4.47       | 2.80    | ppb   |
| Cadmium    | 111-1 | 0.09    | 0.02    | 0.07    | 0.06       | 64.24   | ppb   |
| Cadmium    | 106-1 | 0.87    | -0.10   | 0.61    | 0.46       | 108.69  | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.13    | 0.06    | 0.10       | 38.05   | ppb   |
| Calcium    | 43-1  | 5754.20 | 5814.05 | 5741.18 | 5769.81    | 0.67    | ppb   |
| Calcium    | 44-1  | 5915.54 | 5904.40 | 5921.36 | 5913.77    | 0.15    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 44.34   | ppb   |
| Copper     | 63-2  | 198.38  | 195.11  | 195.23  | 196.24     | 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  | 21.22   | 19.75   | 19.98   | 20.32      | 3.89    | ppb   |
| Iron       | 57-2  | 26.59   | 26.78   | 24.94   | 26.10      | 3.86    | ppb   |
| Lead       | 206-1 | 0.57    | 0.61    | 0.62    | 0.60       | 4.64    | ppb   |
| Lead       | 207-1 | 0.52    | 0.55    | 0.54    | 0.54       | 2.67    | ppb   |
| Lead       | 208-1 | 0.57    | 0.56    | 0.58    | 0.57       | 1.38    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1185.19 | 1150.73 | 1166.79 | 1167.57    | 1.48    | ppb   |
| Manganese  | 55-2  | 12.05   | 11.51   | 11.75   | 11.77      | 2.29    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-05-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:01:57  | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.01     | 0.00       | 74.52   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.25     | 3.14     | 3.26     | 3.21       | 2.00    | ppb   |
| Phosphorus | 31-2  | 563.24   | 549.56   | 597.86   | 570.22     | 4.37    | ppb   |
| Potassium  | 39-2  | 512.86   | 498.72   | 504.43   | 505.33     | 1.41    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.22    | 0.03     | -0.22    | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.23    | -0.77    | -0.31    | -0.44      |         | ppb   |
| Selenium   | 82-1  | 1.00     | 1.26     | 0.33     | 0.86       | 56.03   | ppb   |
| Silicon    | 28-1  | 1055.24  | 1066.28  | 1057.00  | 1059.51    | 0.56    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.00       | 40.55   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 67.67   | ppb   |
| Sodium     | 23-2  | 10415.13 | 10114.23 | 10198.07 | 10242.47   | 1.52    | ppb   |
| Strontium  | 86-1  | 20.37    | 19.97    | 19.98    | 20.11      | 1.15    | ppb   |
| Strontium  | 88-1  | 20.45    | 20.63    | 20.43    | 20.50      | 0.55    | ppb   |
| Sulfur     | 34-1  | 627.76   | 695.58   | 792.91   | 705.42     | 11.77   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 77.88   | ppb   |
| Tin        | 118-1 | -0.04    | -0.05    | -0.06    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.35     | 0.42     | 0.43     | 0.40       | 11.66   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.05     | 0.04       | 20.38   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 388.55   | 381.19   | 385.46   | 385.07     | 0.96    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 35.58   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-05-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:01:57  | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 28.78   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-06 Instrumnet Name : P7  
 Client Sample ID : DC16740-06-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:05:22 DataFile Name : 072SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.97   | 7.61    | 7.52    | 9.04       | 28.18   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.02    | 0.03       | 26.40   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.23    | 0.25    | 0.24       | 4.15    | ppb   |
| Barium     | 135-1 | 15.98   | 16.14   | 15.99   | 16.04      | 0.55    | ppb   |
| Barium     | 137-1 | 16.13   | 16.16   | 15.99   | 16.09      | 0.56    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.51    | 3.97    | 3.88    | 3.79       | 6.43    | ppb   |
| Boron      | 11-1  | 3.82    | 4.02    | 3.88    | 3.91       | 2.67    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.05    | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.65   | 0.86    | -0.13   | 0.03       | 2643.94 | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5561.28 | 5650.33 | 5559.77 | 5590.46    | 0.93    | ppb   |
| Calcium    | 44-1  | 5677.32 | 5662.11 | 5662.28 | 5667.23    | 0.15    | ppb   |
| Chromium   | 52-2  | -0.06   | 0.02    | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 157.05  | 159.64  | 158.99  | 158.56     | 0.85    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.64   | 22.39   | 21.07   | 21.70      | 3.05    | ppb   |
| Iron       | 57-2  | 31.39   | 25.78   | 24.14   | 27.10      | 14.02   | ppb   |
| Lead       | 206-1 | 0.01    | 0.01    | 0.01    | 0.01       | 40.62   | ppb   |
| Lead       | 207-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1087.21 | 1093.46 | 1097.38 | 1092.68    | 0.47    | ppb   |
| Manganese  | 55-2  | 9.99    | 9.83    | 9.67    | 9.83       | 1.61    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-06-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:05:22  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.02    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.21    | 0.23     | 0.25    | 0.23       | 7.63    | ppb   |
| Phosphorus | 31-2  | 648.68  | 654.54   | 647.11  | 650.11     | 0.60    | ppb   |
| Potassium  | 39-2  | 430.69  | 426.26   | 435.70  | 430.88     | 1.10    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | 0.28    | -0.46    | -0.22   | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.68   | 0.00     | -0.71   | -0.47      |         | ppb   |
| Selenium   | 82-1  | 0.88    | 0.44     | 1.17    | 0.83       | 44.24   | ppb   |
| Silicon    | 28-1  | 1010.15 | 1000.61  | 1007.49 | 1006.09    | 0.49    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00    | 0.00       | 48.47   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.01    | 0.00       | 248.89  | ppb   |
| Sodium     | 23-2  | 9924.50 | 10024.10 | 9927.40 | 9958.67    | 0.57    | ppb   |
| Strontium  | 86-1  | 19.55   | 19.42    | 19.59   | 19.52      | 0.47    | ppb   |
| Strontium  | 88-1  | 19.72   | 19.76    | 19.63   | 19.70      | 0.32    | ppb   |
| Sulfur     | 34-1  | 566.74  | 562.08   | 575.77  | 568.20     | 1.23    | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00    | 0.00       | 318.27  | ppb   |
| Tin        | 118-1 | -0.09   | -0.09    | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.33    | 0.42     | 0.40    | 0.38       | 12.89   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.07     | 0.05    | 0.06       | 13.62   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 8.50    | 8.91     | 8.88    | 8.76       | 2.60    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01     | 0.01    | 0.01       | 44.71   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-06-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:05:22  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.03    | 0.03       | 18.69   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-07 Instrumnet Name : P7  
 Client Sample ID : DC16740-07-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:08:48 DataFile Name : 073SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 99.36   | 100.69  | 94.15   | 98.07      | 3.52    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 14.49   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.17    | 0.30    | 0.24       | 27.02   | ppb   |
| Barium     | 135-1 | 17.09   | 16.87   | 17.23   | 17.06      | 1.08    | ppb   |
| Barium     | 137-1 | 17.01   | 16.60   | 16.43   | 16.68      | 1.77    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.51    | 4.24    | 4.07    | 4.27       | 5.16    | ppb   |
| Boron      | 11-1  | 4.22    | 4.41    | 4.47    | 4.37       | 2.98    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.03   | 0.00    | 0.00       | 1116.95 | ppb   |
| Cadmium    | 106-1 | 0.09    | -0.52   | -0.17   | -0.20      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.22    | 0.15    | 0.16       | 39.27   | ppb   |
| Calcium    | 43-1  | 5768.36 | 5639.01 | 5626.27 | 5677.88    | 1.38    | ppb   |
| Calcium    | 44-1  | 5818.36 | 5736.63 | 5734.91 | 5763.30    | 0.83    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 22.99   | ppb   |
| Copper     | 63-2  | 224.58  | 222.94  | 223.38  | 223.63     | 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  | 26.49   | 26.05   | 26.68   | 26.41      | 1.22    | ppb   |
| Iron       | 57-2  | 30.58   | 33.34   | 31.56   | 31.83      | 4.40    | ppb   |
| Lead       | 206-1 | 1.16    | 1.10    | 1.09    | 1.12       | 3.16    | ppb   |
| Lead       | 207-1 | 1.02    | 1.05    | 1.03    | 1.03       | 1.75    | ppb   |
| Lead       | 208-1 | 1.10    | 1.08    | 1.08    | 1.08       | 1.05    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.41 | 1113.69 | 1108.90 | 1111.67    | 0.22    | ppb   |
| Manganese  | 55-2  | 12.00   | 11.50   | 11.64   | 11.71      | 2.20    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-07 Instrumnet Name : P7  
 Client Sample ID : DC16740-07-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:08:48 DataFile Name : 073SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00    | 0.01     | 0.01       | 53.26   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.02   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02   | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.01   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 17.08    | 16.70   | 16.69    | 16.82      | 1.32    | ppb   |
| Phosphorus | 31-2  | 677.26   | 628.48  | 613.67   | 639.80     | 5.20    | ppb   |
| Potassium  | 39-2  | 463.50   | 448.02  | 462.98   | 458.17     | 1.92    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.46    | -0.46   | 0.28     | -0.22      |         | ppb   |
| Selenium   | 78-2  | -0.05    | -0.13   | 0.04     | -0.05      |         | ppb   |
| Selenium   | 82-1  | 1.54     | 0.84    | 0.89     | 1.09       | 35.93   | ppb   |
| Silicon    | 28-1  | 1089.93  | 1090.16 | 1056.03  | 1078.71    | 1.82    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.00     | 0.01       | 76.03   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01    | 0.00     | 0.00       | 63.10   | ppb   |
| Sodium     | 23-2  | 10082.92 | 9974.49 | 10007.98 | 10021.80   | 0.55    | ppb   |
| Strontium  | 86-1  | 19.68    | 19.11   | 19.43    | 19.41      | 1.48    | ppb   |
| Strontium  | 88-1  | 19.85    | 19.81   | 19.99    | 19.89      | 0.47    | ppb   |
| Sulfur     | 34-1  | 598.62   | 442.71  | 364.29   | 468.54     | 25.46   | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00     | 0.00       | 261.91  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00    | 0.00     | 0.00       | 140.58  | ppb   |
| Tin        | 118-1 | 0.04     | 0.05    | 0.04     | 0.04       | 11.36   | ppb   |
| Titanium   | 47-1  | 0.54     | 0.40    | 0.40     | 0.45       | 18.38   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.06    | 0.06     | 0.05       | 16.37   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 550.41   | 549.59  | 550.39   | 550.13     | 0.08    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02    | 0.01     | 0.01       | 33.81   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-07-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:08:48  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.04    | 0.03       | 48.03   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-08 Instrumnet Name : P7  
 Client Sample ID : DC16740-08-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:12:14 DataFile Name : 074SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.85    | 9.30    | 10.70   | 9.29       | 15.33   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.97   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.22    | 0.22    | 0.21       | 7.40    | ppb   |
| Barium     | 135-1 | 15.71   | 15.72   | 15.59   | 15.67      | 0.45    | ppb   |
| Barium     | 137-1 | 15.86   | 15.57   | 15.60   | 15.67      | 1.01    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.79    | 3.87    | 3.75    | 3.80       | 1.57    | ppb   |
| Boron      | 11-1  | 3.85    | 3.94    | 3.97    | 3.92       | 1.55    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.03   | -0.12   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.26   | -0.29   | -1.43   | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5509.41 | 5527.94 | 5469.11 | 5502.15    | 0.55    | ppb   |
| Calcium    | 44-1  | 5627.12 | 5579.66 | 5591.27 | 5599.35    | 0.44    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 296.59  | ppb   |
| Copper     | 63-2  | 170.34  | 164.46  | 174.75  | 169.85     | 3.04    | 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  | 24.29   | 22.09   | 25.22   | 23.87      | 6.72    | ppb   |
| Iron       | 57-2  | 28.82   | 26.88   | 28.44   | 28.05      | 3.68    | ppb   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.07    | 0.08       | 12.27   | ppb   |
| Lead       | 207-1 | 0.07    | 0.06    | 0.06    | 0.06       | 7.77    | ppb   |
| Lead       | 208-1 | 0.08    | 0.06    | 0.06    | 0.07       | 15.86   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1093.51 | 1054.48 | 1129.90 | 1092.63    | 3.45    | ppb   |
| Manganese  | 55-2  | 10.54   | 10.14   | 10.93   | 10.53      | 3.75    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-08 Instrumnet Name : P7  
 Client Sample ID : DC16740-08-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:12:14 DataFile Name : 074SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00     | 0.00       | 101.99  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 1.19    | 1.25    | 1.23     | 1.22       | 2.42    | ppb   |
| Phosphorus | 31-2  | 626.77  | 616.06  | 685.15   | 642.66     | 5.79    | ppb   |
| Potassium  | 39-2  | 438.35  | 416.08  | 455.01   | 436.48     | 4.47    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.22   | 0.52     | -0.06      |         | ppb   |
| Selenium   | 78-2  | 0.28    | -0.49   | -0.54    | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.22    | 1.26    | 0.96     | 0.81       | 65.71   | ppb   |
| Silicon    | 28-1  | 1009.11 | 989.22  | 976.16   | 991.50     | 1.67    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00     | 0.00       | 29.28   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00     | 0.00       | 357.80  | ppb   |
| Sodium     | 23-2  | 9988.73 | 9661.81 | 10286.64 | 9979.06    | 3.13    | ppb   |
| Strontium  | 86-1  | 19.02   | 19.19   | 18.47    | 18.89      | 1.99    | ppb   |
| Strontium  | 88-1  | 19.31   | 19.35   | 19.02    | 19.23      | 0.92    | ppb   |
| Sulfur     | 34-1  | 567.41  | 591.17  | 377.34   | 511.97     | 22.89   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00     | 0.00       | 207.14  | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.42    | 0.53    | 0.43     | 0.46       | 12.64   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.05     | 0.05       | 11.21   | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 27.22   | 25.29   | 27.79    | 26.77      | 4.90    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01     | 0.01       | 22.48   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-08-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:12:14  | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 35.39   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-09 Instrumnet Name : P7  
 Client Sample ID : DC16740-09-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:15:39 DataFile Name : 075SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 43.64   | 38.16   | 39.77   | 40.52      | 6.96    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 14.80   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.20    | 0.28    | 0.24       | 16.28   | ppb   |
| Barium     | 135-1 | 15.09   | 15.72   | 15.39   | 15.40      | 2.07    | ppb   |
| Barium     | 137-1 | 15.57   | 15.46   | 15.11   | 15.38      | 1.57    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.39    | 3.22    | 4.70    | 4.10       | 18.96   | ppb   |
| Boron      | 11-1  | 3.67    | 4.11    | 4.22    | 4.00       | 7.27    | ppb   |
| Cadmium    | 111-1 | 0.16    | 0.06    | 0.09    | 0.10       | 48.45   | ppb   |
| Cadmium    | 106-1 | 0.65    | -0.35   | -0.07   | 0.08       | 666.61  | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.16    | 0.07    | 0.11       | 42.22   | ppb   |
| Calcium    | 43-1  | 5621.53 | 5570.42 | 5552.62 | 5581.52    | 0.64    | ppb   |
| Calcium    | 44-1  | 5675.23 | 5719.18 | 5611.35 | 5668.59    | 0.96    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.07   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 10.42   | ppb   |
| Copper     | 63-2  | 245.69  | 240.00  | 244.23  | 243.31     | 1.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.87   | 24.77   | 26.29   | 25.64      | 3.05    | ppb   |
| Iron       | 57-2  | 33.56   | 29.62   | 31.38   | 31.52      | 6.26    | ppb   |
| Lead       | 206-1 | 1.67    | 1.69    | 1.65    | 1.67       | 1.07    | ppb   |
| Lead       | 207-1 | 1.53    | 1.59    | 1.53    | 1.55       | 2.04    | ppb   |
| Lead       | 208-1 | 1.60    | 1.62    | 1.60    | 1.61       | 0.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1106.68 | 1070.58 | 1082.72 | 1086.66    | 1.69    | ppb   |
| Manganese  | 55-2  | 11.81   | 11.32   | 11.84   | 11.65      | 2.46    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-09 Instrumnet Name : P7  
 Client Sample ID : DC16740-09-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:15:39 DataFile Name : 075SMPL.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  | -0.02    | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 8.68     | 8.35    | 8.47    | 8.50       | 1.96    | ppb   |
| Phosphorus | 31-2  | 581.33   | 574.89  | 631.23  | 595.82     | 5.18    | ppb   |
| Potassium  | 39-2  | 433.89   | 414.18  | 432.26  | 426.78     | 2.56    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.03     | -0.46   | -0.46   | -0.30      |         | ppb   |
| Selenium   | 78-2  | 0.30     | -0.58   | 0.08    | -0.07      |         | ppb   |
| Selenium   | 82-1  | 0.40     | 1.14    | 1.15    | 0.90       | 48.14   | ppb   |
| Silicon    | 28-1  | 1024.99  | 1040.04 | 1016.45 | 1027.16    | 1.16    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 50.84   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.01    | 0.00       | 75.85   | ppb   |
| Sodium     | 23-2  | 10019.65 | 9698.56 | 9857.93 | 9858.71    | 1.63    | ppb   |
| Strontium  | 86-1  | 18.91    | 18.96   | 18.85   | 18.91      | 0.27    | ppb   |
| Strontium  | 88-1  | 19.40    | 19.41   | 19.31   | 19.37      | 0.28    | ppb   |
| Sulfur     | 34-1  | 428.13   | 543.58  | 413.89  | 461.87     | 15.40   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00    | 0.01    | 0.00       | 27.02   | ppb   |
| Tin        | 118-1 | -0.03    | -0.04   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.44     | 0.39    | 0.42    | 0.42       | 6.67    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.08    | 0.07    | 0.07       | 26.14   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 336.09   | 326.50  | 333.17  | 331.92     | 1.48    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.01    | 0.01       | 43.04   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-09-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:15:39  | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.02    | 0.02       | 36.71   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.92    | 2.88    | 2.77    | 3.19       | 19.97   | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.39   | -0.39   | -0.38   | -0.38      |         | ppb   |
| Barium     | 137-1 | -0.34   | -0.35   | -0.34   | -0.35      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.19    | 0.03    | 0.29    | 0.17       | 74.87   | ppb   |
| Boron      | 11-1  | 0.13    | -0.06   | -0.05   | 0.01       | 1339.26 | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.70   | -0.37   | -0.38   | -0.48      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.00    | -0.05   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 1.05    | 2.90    | 3.12    | 2.36       | 48.16   | ppb   |
| Calcium    | 44-1  | -0.59   | -0.21   | -0.71   | -0.50      |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.03   | 0.00    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | 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  | 0.02    | -0.08   | 0.02    | -0.01      |         | ppb   |
| Iron       | 57-2  | 0.23    | -0.70   | 0.27    | -0.07      |         | ppb   |
| Lead       | 206-1 | 484.42  | 476.79  | 473.93  | 478.38     | 1.13    | ppb   |
| Lead       | 207-1 | 475.78  | 470.05  | 469.38  | 471.74     | 0.75    | ppb   |
| Lead       | 208-1 | 485.72  | 479.60  | 480.34  | 481.88     | 0.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.62   | -0.33   | -0.56   | -0.50      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 228.16  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:19:04 | DataFile Name :   | 076SMPL.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  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.03   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | 8.85    | -4.80   | -4.67   | -0.21      |         | ppb   |
| Potassium  | 39-2  | -2.40   | -10.02  | -6.21   | -6.21      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.20   | -0.46   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.64    | -0.61   | -0.77   | -0.25      |         | ppb   |
| Selenium   | 82-1  | 1.33    | 0.56    | 0.68    | 0.85       | 48.43   | ppb   |
| Silicon    | 28-1  | -7.95   | -9.94   | -10.20  | -9.37      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 424.46  | ppb   |
| Sodium     | 23-2  | 10.21   | 7.20    | 6.46    | 7.96       | 24.93   | ppb   |
| Strontium  | 86-1  | -0.08   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -251.78 | -544.13 | -485.55 | -427.15    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 633.65  | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.02    | 0.00    | 0.01       | 158.29  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.57   | -0.63   | -0.60   | -0.60      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:19:04 | DataFile Name :   | 076SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : CCB88 Instrumnet Name : P7  
 Client Sample ID : CCB88 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:22:30 DataFile Name : 077SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.05    | -0.32   | -0.12   | -0.13      |         | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.39   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.35   | -0.35   | -0.35   | -0.35      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.26   | 0.00    | -0.17   | -0.14      |         | ppb   |
| Boron      | 11-1  | -0.18   | -0.39   | -0.27   | -0.28      |         | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.09   | -0.03   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.01   | -1.04   | -0.22   | -0.42      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.06   | 0.00    | -0.02      |         | ppb   |
| Calcium    | 43-1  | -1.41   | -3.58   | -0.19   | -1.73      |         | ppb   |
| Calcium    | 44-1  | -4.03   | -4.61   | -3.35   | -4.00      |         | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.03   | -0.01   | -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  | -0.53   | -0.55   | -0.55   | -0.54      |         | ppb   |
| Iron       | 57-2  | -0.96   | -1.06   | -1.27   | -1.10      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.48   | -0.74   | -0.82   | -0.68      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -3.99   | 1.80    | 1.39    | -0.26      |         | ppb   |
| Potassium  | 39-2  | -11.32  | -12.95  | -11.22  | -11.83     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.05    | -0.21   | -0.46   | -0.21      |         | ppb   |
| Selenium   | 78-2  | -0.39   | 0.10    | 0.55    | 0.08       | 559.31  | ppb   |
| Selenium   | 82-1  | 0.46    | 1.27    | 0.50    | 0.75       | 61.03   | ppb   |
| Silicon    | 28-1  | -8.88   | -10.69  | -8.05   | -9.21      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Sodium     | 23-2  | 7.55    | 5.32    | 9.49    | 7.45       | 27.95   | ppb   |
| Strontium  | 86-1  | -0.08   | -0.05   | -0.07   | -0.07      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -290.78 | -483.15 | -51.98  | -275.31    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.03    | 0.00    | 0.01       | 206.05  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.72   | -0.78   | -0.80   | -0.77      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:22:30 | DataFile Name :   | 077SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-10 Instrumnet Name : P7  
 Client Sample ID : DC16740-10-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:25:56 DataFile Name : 078SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.78    | 9.72    | 6.66    | 7.72       | 22.51   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.02    | 0.03       | 17.33   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.25    | 0.19    | 0.23       | 13.02   | ppb   |
| Barium     | 135-1 | 15.48   | 15.65   | 15.43   | 15.52      | 0.72    | ppb   |
| Barium     | 137-1 | 15.84   | 15.46   | 15.29   | 15.53      | 1.80    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.60    | 2.87    | 3.99    | 3.49       | 16.35   | ppb   |
| Boron      | 11-1  | 3.53    | 3.55    | 3.71    | 3.60       | 2.81    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.24    | 0.09    | -0.01   | 0.11       | 121.03  | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5567.00 | 5574.56 | 5476.93 | 5539.50    | 0.98    | ppb   |
| Calcium    | 44-1  | 5673.22 | 5635.61 | 5631.50 | 5646.78    | 0.41    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 278.43  | ppb   |
| Copper     | 63-2  | 146.07  | 148.90  | 144.14  | 146.37     | 1.64    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.47   | 23.51   | 21.37   | 22.11      | 5.47    | ppb   |
| Iron       | 57-2  | 27.32   | 29.47   | 25.90   | 27.56      | 6.52    | ppb   |
| Lead       | 206-1 | 0.17    | 0.18    | 0.18    | 0.18       | 2.79    | ppb   |
| Lead       | 207-1 | 0.18    | 0.17    | 0.16    | 0.17       | 4.82    | ppb   |
| Lead       | 208-1 | 0.17    | 0.17    | 0.17    | 0.17       | 0.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1081.26 | 1109.46 | 1073.77 | 1088.16    | 1.73    | ppb   |
| Manganese  | 55-2  | 10.58   | 10.51   | 10.07   | 10.39      | 2.69    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-10-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:25:56  | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00     | 0.00    | 0.01       | 82.30   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.43    | 0.41     | 0.41    | 0.42       | 2.98    | ppb   |
| Phosphorus | 31-2  | 664.87  | 623.12   | 650.29  | 646.09     | 3.28    | ppb   |
| Potassium  | 39-2  | 414.63  | 430.45   | 417.96  | 421.01     | 1.98    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | 0.02     | 0.26    | 0.02       | 1081.08 | ppb   |
| Selenium   | 78-2  | -0.72   | -0.27    | -0.41   | -0.46      |         | ppb   |
| Selenium   | 82-1  | 0.53    | 0.69     | 1.28    | 0.83       | 46.81   | ppb   |
| Silicon    | 28-1  | 996.15  | 1034.40  | 988.14  | 1006.23    | 2.46    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01     | 0.00    | 0.00       | 164.97  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00    | 0.00       | 252.39  | ppb   |
| Sodium     | 23-2  | 9937.43 | 10111.04 | 9756.02 | 9934.83    | 1.79    | ppb   |
| Strontium  | 86-1  | 19.41   | 18.76    | 18.85   | 19.00      | 1.84    | ppb   |
| Strontium  | 88-1  | 19.48   | 19.12    | 19.33   | 19.31      | 0.94    | ppb   |
| Sulfur     | 34-1  | 384.47  | 280.45   | 298.54  | 321.15     | 17.30   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.07    | -0.03   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.49     | 0.41    | 0.46       | 9.26    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.07     | 0.04    | 0.06       | 27.38   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 12.96   | 13.57    | 13.17   | 13.23      | 2.32    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03     | 0.11    | 0.05       | 92.19   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-10-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:25:56  | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 16.89   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-11 Instrumnet Name : P7  
 Client Sample ID : DC16740-11-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:29:21 DataFile Name : 079SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 227.85  | 228.40  | 216.24  | 224.16     | 3.06    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.03    | 0.03       | 11.63   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.19    | 0.21    | 0.20       | 7.19    | ppb   |
| Barium     | 135-1 | 16.46   | 15.45   | 15.97   | 15.96      | 3.17    | ppb   |
| Barium     | 137-1 | 16.32   | 15.73   | 15.48   | 15.84      | 2.72    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.35    | 3.60    | 3.86    | 3.94       | 9.71    | ppb   |
| Boron      | 11-1  | 3.99    | 3.73    | 3.91    | 3.88       | 3.45    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.07   | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.67    | -0.80   | -0.26   | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | -0.02   | -0.02   | 0.01       | 416.21  | ppb   |
| Calcium    | 43-1  | 5700.35 | 5304.65 | 5626.88 | 5543.96    | 3.80    | ppb   |
| Calcium    | 44-1  | 5780.71 | 5437.48 | 5719.67 | 5645.96    | 3.24    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 18.75   | ppb   |
| Copper     | 63-2  | 260.77  | 256.87  | 255.85  | 257.83     | 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  | 31.38   | 29.81   | 31.56   | 30.92      | 3.11    | ppb   |
| Iron       | 57-2  | 36.06   | 36.88   | 35.96   | 36.30      | 1.39    | ppb   |
| Lead       | 206-1 | 0.32    | 0.26    | 0.31    | 0.30       | 10.82   | ppb   |
| Lead       | 207-1 | 0.28    | 0.21    | 0.27    | 0.25       | 14.58   | ppb   |
| Lead       | 208-1 | 0.29    | 0.25    | 0.28    | 0.27       | 8.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.83 | 1114.48 | 1109.44 | 1112.25    | 0.23    | ppb   |
| Manganese  | 55-2  | 10.77   | 10.62   | 10.29   | 10.56      | 2.33    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-11 Instrumnet Name : P7  
 Client Sample ID : DC16740-11-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:29:21 DataFile Name : 079SMPL.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   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 14.32    | 13.97   | 14.03   | 14.10      | 1.34    | ppb   |
| Phosphorus | 31-2  | 628.00   | 635.77  | 650.74  | 638.17     | 1.81    | ppb   |
| Potassium  | 39-2  | 460.35   | 459.46  | 435.19  | 451.67     | 3.16    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.03     | -0.46   | 0.03    | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.01    | 0.11    | -0.93   | -0.28      |         | ppb   |
| Selenium   | 82-1  | 1.26     | 1.14    | 0.68    | 1.03       | 29.86   | ppb   |
| Silicon    | 28-1  | 1044.56  | 982.59  | 1035.93 | 1021.03    | 3.29    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 79.75   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10081.06 | 9893.97 | 9922.08 | 9965.70    | 1.01    | ppb   |
| Strontium  | 86-1  | 19.48    | 18.64   | 19.20   | 19.11      | 2.25    | ppb   |
| Strontium  | 88-1  | 19.85    | 18.95   | 19.50   | 19.43      | 2.34    | ppb   |
| Sulfur     | 34-1  | 502.45   | 19.66   | 594.47  | 372.19     | 82.95   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.20     | 0.19    | 0.20    | 0.20       | 3.89    | ppb   |
| Titanium   | 47-1  | 0.74     | 0.40    | 0.36    | 0.50       | 41.15   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.08    | 0.07    | 0.07       | 10.57   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 215.07   | 211.55  | 212.52  | 213.05     | 0.85    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02    | 0.03    | 0.02       | 18.46   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-11-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:29:21  | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.04    | 0.03       | 37.63   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-12 Instrumnet Name : P7  
 Client Sample ID : DC16740-12-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:32:46 DataFile Name : 080SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.79    | 9.28    | 9.07    | 9.05       | 2.74    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 15.40   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.20    | 0.24    | 0.22       | 8.26    | ppb   |
| Barium     | 135-1 | 16.27   | 16.17   | 15.61   | 16.02      | 2.22    | ppb   |
| Barium     | 137-1 | 16.05   | 15.61   | 15.63   | 15.76      | 1.57    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.06    | 4.27    | 4.13    | 4.16       | 2.52    | ppb   |
| Boron      | 11-1  | 3.81    | 4.11    | 3.89    | 3.94       | 3.96    | ppb   |
| Cadmium    | 111-1 | -0.07   | 0.02    | -0.10   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.69   | 0.41    | -1.06   | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.00    | 0.06    | 0.03       | 112.11  | ppb   |
| Calcium    | 43-1  | 5523.75 | 5527.87 | 5601.49 | 5551.04    | 0.79    | ppb   |
| Calcium    | 44-1  | 5675.63 | 5619.67 | 5682.98 | 5659.42    | 0.61    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.06   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 142.09  | 142.75  | 137.22  | 140.69     | 2.15    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.17   | 27.31   | 23.52   | 24.67      | 9.30    | ppb   |
| Iron       | 57-2  | 28.69   | 31.83   | 34.06   | 31.53      | 8.56    | ppb   |
| Lead       | 206-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.78   | ppb   |
| Lead       | 207-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.23   | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.01    | 0.00       | 38.50   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.55 | 1088.23 | 1045.49 | 1075.09    | 2.39    | ppb   |
| Manganese  | 55-2  | 11.31   | 11.32   | 11.02   | 11.22      | 1.50    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-12-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:32:46  | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00     | 0.01    | 0.00       | 130.51  | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.03    | -0.01   | -0.02      |         | 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    | 0.44     | 0.41    | 0.42       | 4.04    | ppb   |
| Phosphorus | 31-2  | 597.88  | 668.04   | 575.59  | 613.84     | 7.86    | ppb   |
| Potassium  | 39-2  | 424.69  | 434.31   | 414.62  | 424.54     | 2.32    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46    | -0.22   | -0.30      |         | ppb   |
| Selenium   | 78-2  | 0.39    | 0.18     | 0.04    | 0.20       | 87.07   | ppb   |
| Selenium   | 82-1  | 1.00    | 0.16     | 0.70    | 0.62       | 68.78   | ppb   |
| Silicon    | 28-1  | 1004.57 | 998.32   | 1007.35 | 1003.41    | 0.46    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.01    | 0.00       | 106.65  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01     | 0.00    | 0.00       | 127.78  | ppb   |
| Sodium     | 23-2  | 9926.43 | 10010.21 | 9589.90 | 9842.18    | 2.26    | ppb   |
| Strontium  | 86-1  | 19.12   | 18.93    | 19.31   | 19.12      | 0.99    | ppb   |
| Strontium  | 88-1  | 19.60   | 19.62    | 19.62   | 19.61      | 0.05    | ppb   |
| Sulfur     | 34-1  | 810.19  | 804.43   | 1028.02 | 880.88     | 14.47   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00    | 0.00       | 37.00   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00    | 0.00       | 71.26   | ppb   |
| Tin        | 118-1 | -0.07   | -0.06    | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 2.33    | 0.39     | 0.44    | 1.05       | 104.97  | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.05     | 0.06    | 0.06       | 19.37   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 8.64    | 8.64     | 7.99    | 8.42       | 4.48    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02     | 0.01    | 0.01       | 13.89   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-12-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:32:46  | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.03    | 0.03       | 24.70   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-13 Instrumnet Name : P7  
 Client Sample ID : DC16740-13-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:36:11 DataFile Name : 081SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.60   | 13.39   | 13.63   | 13.54      | 0.95    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.36    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.25    | 0.24    | 0.23       | 7.37    | ppb   |
| Barium     | 135-1 | 15.77   | 15.94   | 15.33   | 15.68      | 2.02    | ppb   |
| Barium     | 137-1 | 15.59   | 16.03   | 15.38   | 15.67      | 2.12    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.07    | 3.54    | 3.82    | 3.81       | 6.96    | ppb   |
| Boron      | 11-1  | 3.66    | 3.90    | 3.93    | 3.83       | 3.92    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.03    | 0.04    | 0.04       | 29.34   | ppb   |
| Cadmium    | 106-1 | 0.73    | 0.45    | 0.69    | 0.62       | 23.72   | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.02   | 0.04    | 0.02       | 168.76  | ppb   |
| Calcium    | 43-1  | 5472.04 | 5645.61 | 5474.65 | 5530.77    | 1.80    | ppb   |
| Calcium    | 44-1  | 5563.12 | 5759.72 | 5558.40 | 5627.08    | 2.04    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 161.43  | 157.31  | 158.02  | 158.92     | 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  | 23.82   | 23.22   | 24.44   | 23.83      | 2.56    | ppb   |
| Iron       | 57-2  | 27.37   | 36.81   | 29.05   | 31.08      | 16.20   | ppb   |
| Lead       | 206-1 | 0.33    | 0.34    | 0.29    | 0.32       | 8.96    | ppb   |
| Lead       | 207-1 | 0.27    | 0.28    | 0.28    | 0.28       | 2.41    | ppb   |
| Lead       | 208-1 | 0.29    | 0.31    | 0.28    | 0.29       | 5.27    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1103.64 | 1088.62 | 1084.73 | 1092.33    | 0.91    | ppb   |
| Manganese  | 55-2  | 11.05   | 10.91   | 11.02   | 10.99      | 0.63    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-13-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:36:11  | DataFile Name :   | 081SMPL.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  | -0.02    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.42     | 1.47    | 1.42    | 1.43       | 1.86    | ppb   |
| Phosphorus | 31-2  | 677.69   | 682.62  | 676.40  | 678.90     | 0.48    | ppb   |
| Potassium  | 39-2  | 491.12   | 479.91  | 474.92  | 481.98     | 1.72    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.55     | -0.46   | 0.04    | 0.04       | 1250.45 | ppb   |
| Selenium   | 78-2  | -0.26    | -0.09   | 0.17    | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.72     | 0.21    | 0.37    | 0.43       | 60.15   | ppb   |
| Silicon    | 28-1  | 963.57   | 1005.10 | 980.80  | 983.16     | 2.12    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.00    | 0.00       | 106.08  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 232.54  | ppb   |
| Sodium     | 23-2  | 10060.09 | 9840.16 | 9962.69 | 9954.31    | 1.11    | ppb   |
| Strontium  | 86-1  | 18.69    | 19.43   | 18.76   | 18.96      | 2.14    | ppb   |
| Strontium  | 88-1  | 19.03    | 19.53   | 18.95   | 19.17      | 1.63    | ppb   |
| Sulfur     | 34-1  | 342.06   | 964.62  | 723.35  | 676.68     | 46.39   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01    | 0.00    | 0.00       | 69.52   | ppb   |
| Tin        | 118-1 | -0.08    | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.41     | 0.44    | 3.02    | 1.29       | 115.64  | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.06    | 0.05       | 8.10    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 48.87    | 48.00   | 47.38   | 48.08      | 1.56    | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.01    | 0.01    | 0.04       | 116.70  | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-13-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:36:11  | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 35.86   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-14 Instrumnet Name : P7  
 Client Sample ID : DC16740-14-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:39:36 DataFile Name : 082SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.97    | 9.86    | 10.37   | 10.07      | 2.68    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 10.89   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.19    | 0.27    | 0.22       | 20.35   | ppb   |
| Barium     | 135-1 | 15.47   | 16.18   | 16.16   | 15.94      | 2.55    | ppb   |
| Barium     | 137-1 | 15.57   | 16.11   | 15.76   | 15.81      | 1.73    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.93    | 4.13    | 4.27    | 4.11       | 4.24    | ppb   |
| Boron      | 11-1  | 4.26    | 4.13    | 4.20    | 4.20       | 1.53    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.05    | -0.07   | 0.01       | 796.51  | ppb   |
| Cadmium    | 106-1 | 0.82    | 0.75    | -0.75   | 0.27       | 325.74  | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5463.24 | 5619.78 | 5833.27 | 5638.76    | 3.29    | ppb   |
| Calcium    | 44-1  | 5544.00 | 5685.37 | 5935.37 | 5721.58    | 3.46    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.02   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 136.65  | 138.03  | 131.19  | 135.29     | 2.67    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.15   | 21.09   | 19.69   | 20.64      | 3.98    | ppb   |
| Iron       | 57-2  | 27.00   | 28.60   | 25.00   | 26.87      | 6.72    | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1084.65 | 1101.09 | 1047.04 | 1077.59    | 2.57    | ppb   |
| Manganese  | 55-2  | 10.69   | 10.76   | 10.38   | 10.61      | 1.90    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-14 Instrumnet Name : P7  
 Client Sample ID : DC16740-14-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:39:36 DataFile Name : 082SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00    | 0.00       | 116.31  | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.15     | 0.20     | 0.14    | 0.16       | 18.76   | ppb   |
| Phosphorus | 31-2  | 612.99   | 645.00   | 603.11  | 620.37     | 3.53    | ppb   |
| Potassium  | 39-2  | 425.75   | 432.59   | 413.13  | 423.82     | 2.33    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.04     | -0.46    | -0.46   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.15    | 0.12     | -0.69   | -0.24      |         | ppb   |
| Selenium   | 82-1  | 0.76     | 0.34     | 0.74    | 0.61       | 38.59   | ppb   |
| Silicon    | 28-1  | 976.80   | 996.20   | 1029.28 | 1000.76    | 2.65    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01    | 0.00       | 49.81   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00    | 0.00       | 72.02   | ppb   |
| Sodium     | 23-2  | 10023.66 | 10101.35 | 9657.01 | 9927.34    | 2.39    | ppb   |
| Strontium  | 86-1  | 18.68    | 18.97    | 19.60   | 19.08      | 2.46    | ppb   |
| Strontium  | 88-1  | 19.24    | 19.74    | 19.75   | 19.58      | 1.47    | ppb   |
| Sulfur     | 34-1  | 522.32   | 770.46   | 1245.41 | 846.06     | 43.43   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       | 501.41  | ppb   |
| Tin        | 118-1 | -0.08    | -0.08    | -0.09   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.36     | 0.43     | 0.42    | 0.40       | 9.64    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.06     | 0.07    | 0.06       | 8.91    | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 1.98     | 2.18     | 2.21    | 2.12       | 5.81    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01    | 0.01       | 51.08   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-14-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:39:36  | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 38.83   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-15 Instrumnet Name : P7  
 Client Sample ID : DC16740-15-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:43:02 DataFile Name : 083SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 26.98   | 26.51   | 25.88   | 26.46      | 2.07    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.02    | 0.04    | 0.03       | 26.27   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.22    | 0.27    | 0.25       | 8.92    | ppb   |
| Barium     | 135-1 | 16.28   | 16.25   | 16.14   | 16.23      | 0.45    | ppb   |
| Barium     | 137-1 | 16.36   | 16.47   | 16.17   | 16.33      | 0.95    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.75    | 4.12    | 3.90    | 3.92       | 4.81    | ppb   |
| Boron      | 11-1  | 3.75    | 3.99    | 3.93    | 3.89       | 3.28    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.09   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | 0.37    | -1.08   | -0.29   | -0.33      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.02   | -0.02   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5705.11 | 5664.01 | 5609.37 | 5659.50    | 0.85    | ppb   |
| Calcium    | 44-1  | 5828.96 | 5696.60 | 5730.97 | 5752.18    | 1.19    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.01   | -0.07   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 18.62   | ppb   |
| Copper     | 63-2  | 159.24  | 159.29  | 157.61  | 158.71     | 0.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.93   | 23.61   | 28.74   | 25.42      | 11.30   | ppb   |
| Iron       | 57-2  | 31.19   | 31.72   | 27.71   | 30.21      | 7.20    | ppb   |
| Lead       | 206-1 | 0.67    | 0.64    | 0.66    | 0.66       | 2.25    | ppb   |
| Lead       | 207-1 | 0.62    | 0.61    | 0.62    | 0.62       | 1.21    | ppb   |
| Lead       | 208-1 | 0.65    | 0.62    | 0.64    | 0.64       | 2.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1097.60 | 1118.93 | 1102.49 | 1106.34    | 1.01    | ppb   |
| Manganese  | 55-2  | 11.83   | 11.46   | 11.58   | 11.62      | 1.59    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-15 Instrumnet Name : P7  
 Client Sample ID : DC16740-15-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:43:02 DataFile Name : 083SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | 0.00     | 0.01     | 0.00       | 353.70  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 12.81    | 12.54    | 12.66    | 12.67      | 1.06    | ppb   |
| Phosphorus | 31-2  | 605.64   | 655.15   | 685.38   | 648.72     | 6.21    | ppb   |
| Potassium  | 39-2  | 449.27   | 455.31   | 446.67   | 450.41     | 0.98    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.03     | 0.28     | 0.03     | 0.11       | 127.52  | ppb   |
| Selenium   | 78-2  | -0.32    | -0.12    | 0.15     | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.35     | 0.78     | 0.95     | 0.69       | 44.32   | ppb   |
| Silicon    | 28-1  | 1017.29  | 1029.84  | 1006.69  | 1017.94    | 1.14    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.01     | 0.01       | 53.75   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 36.39   | ppb   |
| Sodium     | 23-2  | 10146.03 | 10163.02 | 10078.75 | 10129.26   | 0.44    | ppb   |
| Strontium  | 86-1  | 19.50    | 19.34    | 19.31    | 19.38      | 0.52    | ppb   |
| Strontium  | 88-1  | 19.79    | 19.54    | 19.73    | 19.69      | 0.65    | ppb   |
| Sulfur     | 34-1  | 677.26   | 801.36   | 865.91   | 781.51     | 12.27   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.01     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 155.35  | ppb   |
| Tin        | 118-1 | 0.55     | 0.59     | 0.57     | 0.57       | 4.06    | ppb   |
| Titanium   | 47-1  | 0.57     | 0.49     | 0.43     | 0.50       | 13.55   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.06     | 0.05       | 8.70    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 22.71    | 23.26    | 22.61    | 22.86      | 1.53    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00     | 0.02     | 0.01       | 120.82  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-15-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:43:02  | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.03    | 0.02       | 38.06   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-16 Instrumnet Name : P7  
 Client Sample ID : DC16740-16-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:46:28 DataFile Name : 084SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.56   | 16.89   | 8.17    | 12.21      | 36.00   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 5.24    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.26    | 0.26    | 0.26       | 2.96    | ppb   |
| Barium     | 135-1 | 15.91   | 15.92   | 15.66   | 15.83      | 0.91    | ppb   |
| Barium     | 137-1 | 15.65   | 15.65   | 15.67   | 15.66      | 0.06    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.02    | 3.89    | 4.03    | 3.98       | 1.99    | ppb   |
| Boron      | 11-1  | 3.99    | 3.94    | 4.26    | 4.06       | 4.28    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.34   | 0.00    | -0.03   | -0.12      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | -0.03   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5577.78 | 5667.76 | 5635.56 | 5627.03    | 0.81    | ppb   |
| Calcium    | 44-1  | 5678.70 | 5729.27 | 5691.39 | 5699.79    | 0.46    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 133.09  | 134.27  | 137.90  | 135.08     | 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  | 21.51   | 21.69   | 25.36   | 22.86      | 9.51    | ppb   |
| Iron       | 57-2  | 28.34   | 28.42   | 31.34   | 29.37      | 5.81    | ppb   |
| Lead       | 206-1 | -0.01   | 0.01    | 0.01    | 0.00       | 385.76  | ppb   |
| Lead       | 207-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1069.57 | 1081.63 | 1127.33 | 1092.85    | 2.79    | ppb   |
| Manganese  | 55-2  | 10.63   | 10.56   | 10.95   | 10.71      | 1.93    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-16-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:46:28  | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00     | 0.00       | 180.45  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 2.64    | 2.63    | 2.62     | 2.63       | 0.40    | ppb   |
| Phosphorus | 31-2  | 679.14  | 641.64  | 692.66   | 671.15     | 3.94    | ppb   |
| Potassium  | 39-2  | 415.18  | 426.26  | 448.18   | 429.88     | 3.91    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.22   | 0.27    | -0.46    | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.84   | -0.75   | -0.08    | -0.56      |         | ppb   |
| Selenium   | 82-1  | 0.31    | 1.11    | 0.24     | 0.55       | 87.57   | ppb   |
| Silicon    | 28-1  | 1013.05 | 1018.23 | 1003.99  | 1011.76    | 0.71    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00     | 0.00       | 14.43   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00     | 0.00       | 35.86   | ppb   |
| Sodium     | 23-2  | 9782.19 | 9916.60 | 10262.63 | 9987.14    | 2.48    | ppb   |
| Strontium  | 86-1  | 19.40   | 19.64   | 18.95    | 19.33      | 1.81    | ppb   |
| Strontium  | 88-1  | 19.38   | 19.91   | 19.69    | 19.66      | 1.34    | ppb   |
| Sulfur     | 34-1  | 460.60  | 830.96  | 811.45   | 701.00     | 29.73   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00     | 0.00       | 579.02  | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.08    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.44    | 0.44    | 0.36     | 0.41       | 11.34   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05     | 0.06       | 8.45    | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 2.73    | 2.97    | 3.20     | 2.97       | 7.94    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.00    | 0.02     | 0.01       | 55.93   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-16-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:46:28  | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.51   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-17 Instrumnet Name : P7  
 Client Sample ID : DC16740-17-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:49:54 DataFile Name : 085SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 31.89   | 33.17   | 32.34   | 32.46      | 2.00    | ppb   |
| Antimony   | 121-1 | 0.42    | 0.42    | 0.42    | 0.42       | 0.69    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.21    | 0.20    | 0.21       | 4.60    | ppb   |
| Barium     | 135-1 | 15.21   | 14.62   | 14.60   | 14.81      | 2.34    | ppb   |
| Barium     | 137-1 | 14.55   | 14.72   | 14.53   | 14.60      | 0.72    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.15    | 4.36    | 4.40    | 4.30       | 3.02    | ppb   |
| Boron      | 11-1  | 4.13    | 4.26    | 4.11    | 4.17       | 1.92    | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.03   | -0.01   | 0.01       | 492.63  | ppb   |
| Cadmium    | 106-1 | 0.34    | -0.86   | -0.39   | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.19    | 0.19    | 0.16       | 38.89   | ppb   |
| Calcium    | 43-1  | 5287.50 | 5568.48 | 5427.39 | 5427.79    | 2.59    | ppb   |
| Calcium    | 44-1  | 5445.31 | 5566.70 | 5510.29 | 5507.44    | 1.10    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.03    | 0.03       | 13.25   | ppb   |
| Copper     | 63-2  | 295.25  | 294.35  | 300.85  | 296.82     | 1.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.42   | 26.94   | 27.87   | 28.75      | 8.22    | ppb   |
| Iron       | 57-2  | 31.38   | 36.05   | 31.72   | 33.05      | 7.87    | ppb   |
| Lead       | 206-1 | 0.61    | 0.62    | 0.61    | 0.61       | 1.54    | ppb   |
| Lead       | 207-1 | 0.54    | 0.58    | 0.56    | 0.56       | 3.50    | ppb   |
| Lead       | 208-1 | 0.56    | 0.60    | 0.57    | 0.58       | 3.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1105.21 | 1109.01 | 1113.03 | 1109.08    | 0.35    | ppb   |
| Manganese  | 55-2  | 13.63   | 13.46   | 13.81   | 13.63      | 1.27    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-17-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:49:54  | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.10    | -0.01    | 0.03       | 182.57  | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01   | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01   | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.03   | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 6.12     | 6.09    | 5.87     | 6.03       | 2.24    | ppb   |
| Phosphorus | 31-2  | 464.30   | 446.49  | 468.08   | 459.62     | 2.51    | ppb   |
| Potassium  | 39-2  | 450.18   | 448.66  | 455.63   | 451.49     | 0.81    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.46    | -0.22   | -0.22    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.42    | -0.13   | 0.09     | -0.15      |         | ppb   |
| Selenium   | 82-1  | 0.82     | 1.39    | 1.72     | 1.31       | 35.02   | ppb   |
| Silicon    | 28-1  | 1023.26  | 1045.15 | 1027.64  | 1032.02    | 1.12    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01     | 0.01       | 22.73   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01     | 0.01       | 14.84   | ppb   |
| Sodium     | 23-2  | 10050.52 | 9941.97 | 10028.06 | 10006.85   | 0.57    | ppb   |
| Strontium  | 86-1  | 18.84    | 19.29   | 18.85    | 18.99      | 1.36    | ppb   |
| Strontium  | 88-1  | 19.03    | 19.55   | 19.01    | 19.19      | 1.58    | ppb   |
| Sulfur     | 34-1  | 366.49   | 596.92  | 550.69   | 504.70     | 24.15   | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.01     | 0.00       | 83.57   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01    | 0.01     | 0.00       | 103.97  | ppb   |
| Tin        | 118-1 | -0.03    | -0.02   | -0.01    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.37     | 0.36    | 0.43     | 0.39       | 10.27   | ppb   |
| Uranium    | 238-1 | -0.02    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.06     | 0.06       | 13.56   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 494.45   | 496.65  | 500.09   | 497.07     | 0.57    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00    | 0.00     | 0.00       | 108.52  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-17-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:49:54  | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 72.31   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-18 Instrumnet Name : P7  
 Client Sample ID : DC16740-18-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:53:19 DataFile Name : 086SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.34    | 7.05    | 7.67    | 7.02       | 9.51    | ppb   |
| Antimony   | 121-1 | 0.16    | 0.16    | 0.16    | 0.16       | 1.91    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.30    | 0.29    | 0.30       | 1.77    | ppb   |
| Barium     | 135-1 | 16.06   | 16.01   | 16.72   | 16.26      | 2.45    | ppb   |
| Barium     | 137-1 | 16.10   | 15.60   | 16.24   | 15.98      | 2.12    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.25    | 3.77    | 4.01    | 3.68       | 10.50   | ppb   |
| Boron      | 11-1  | 3.81    | 3.84    | 4.30    | 3.98       | 6.82    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.02   | -0.01   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.55   | -0.17   | 0.07    | -0.22      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.01    | 0.01       | 4.85    | ppb   |
| Calcium    | 43-1  | 5598.16 | 5556.15 | 5590.62 | 5581.64    | 0.40    | ppb   |
| Calcium    | 44-1  | 5650.49 | 5691.02 | 5755.24 | 5698.92    | 0.93    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 204.21  | ppb   |
| Copper     | 63-2  | 255.76  | 263.75  | 262.07  | 260.53     | 1.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.60   | 29.30   | 29.28   | 28.72      | 3.39    | ppb   |
| Iron       | 57-2  | 34.15   | 34.67   | 34.91   | 34.58      | 1.12    | ppb   |
| Lead       | 206-1 | 0.19    | 0.18    | 0.17    | 0.18       | 5.91    | ppb   |
| Lead       | 207-1 | 0.16    | 0.14    | 0.14    | 0.15       | 7.07    | ppb   |
| Lead       | 208-1 | 0.16    | 0.16    | 0.16    | 0.16       | 1.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1047.52 | 1077.24 | 1064.45 | 1063.07    | 1.40    | ppb   |
| Manganese  | 55-2  | 13.73   | 14.07   | 14.02   | 13.94      | 1.32    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-18 Instrumnet Name : P7  
 Client Sample ID : DC16740-18-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:53:19 DataFile Name : 086SMPL.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   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.96    | 2.12    | 1.93    | 2.00       | 5.07    | ppb   |
| Phosphorus | 31-2  | 622.21  | 612.21  | 646.09  | 626.84     | 2.78    | ppb   |
| Potassium  | 39-2  | 413.76  | 425.98  | 421.29  | 420.34     | 1.47    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.51    | -0.46   | -0.22   | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.48   | -0.18   | 0.18    | -0.16      |         | ppb   |
| Selenium   | 82-1  | 0.74    | 0.96    | 0.19    | 0.63       | 62.48   | ppb   |
| Silicon    | 28-1  | 1022.58 | 1025.40 | 1029.49 | 1025.82    | 0.34    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.60   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 34.60   | ppb   |
| Sodium     | 23-2  | 9481.52 | 9674.64 | 9648.21 | 9601.46    | 1.09    | ppb   |
| Strontium  | 86-1  | 19.05   | 19.12   | 19.29   | 19.15      | 0.66    | ppb   |
| Strontium  | 88-1  | 19.32   | 19.27   | 19.57   | 19.39      | 0.83    | ppb   |
| Sulfur     | 34-1  | 700.14  | 551.08  | 817.70  | 689.64     | 19.38   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 141.80  | ppb   |
| Tin        | 118-1 | -0.05   | -0.09   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.56    | 0.37    | 0.50    | 0.47       | 20.58   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.07    | 0.07    | 0.06       | 9.55    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 22.96   | 22.88   | 22.81   | 22.89      | 0.32    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.01    | 0.01       | 56.22   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-18-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:53:19  | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.50   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-19 Instrumnet Name : P7  
 Client Sample ID : DC16740-19-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:56:45 DataFile Name : 087SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.52    | 3.90    | 4.94    | 4.79       | 17.22   | ppb   |
| Antimony   | 121-1 | 0.32    | 0.32    | 0.33    | 0.32       | 1.49    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.23    | 0.27    | 0.24       | 11.84   | ppb   |
| Barium     | 135-1 | 16.50   | 17.17   | 16.95   | 16.87      | 2.02    | ppb   |
| Barium     | 137-1 | 16.58   | 16.76   | 16.66   | 16.66      | 0.54    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.04    | 4.03    | 4.28    | 4.12       | 3.38    | ppb   |
| Boron      | 11-1  | 3.69    | 3.77    | 3.87    | 3.77       | 2.35    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.03   | -0.04   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.59    | -0.35   | -0.38   | -0.05      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.03    | 0.09    | 0.04       | 96.87   | ppb   |
| Calcium    | 43-1  | 5661.17 | 5638.38 | 5720.46 | 5673.34    | 0.75    | ppb   |
| Calcium    | 44-1  | 5675.82 | 5768.26 | 5760.48 | 5734.86    | 0.89    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.02   | -0.08   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 241.38  | 231.16  | 240.11  | 237.55     | 2.34    | 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  | 15.58   | 14.44   | 15.59   | 15.20      | 4.34    | ppb   |
| Iron       | 57-2  | 20.39   | 19.70   | 19.95   | 20.02      | 1.74    | ppb   |
| Lead       | 206-1 | 0.01    | 0.03    | 0.01    | 0.02       | 35.32   | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 0.02    | 0.01       | 110.33  | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | 0.01    | 0.01       | 37.23   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1156.17 | 1106.28 | 1138.22 | 1133.56    | 2.23    | ppb   |
| Manganese  | 55-2  | 6.41    | 6.05    | 6.06    | 6.17       | 3.26    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-19 Instrumnet Name : P7  
 Client Sample ID : DC16740-19-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:56:45 DataFile Name : 087SMPL.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  | 0.00     | -0.01   | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 3.10     | 2.94    | 3.05     | 3.03       | 2.63    | ppb   |
| Phosphorus | 31-2  | 592.49   | 531.95  | 565.98   | 563.48     | 5.39    | ppb   |
| Potassium  | 39-2  | 482.27   | 452.97  | 459.98   | 465.07     | 3.29    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.22    | -0.23   | -0.22    | -0.22      |         | ppb   |
| Selenium   | 78-2  | -0.39    | 0.23    | -0.50    | -0.22      |         | ppb   |
| Selenium   | 82-1  | 0.99     | 0.80    | 1.06     | 0.95       | 14.31   | ppb   |
| Silicon    | 28-1  | 1033.08  | 1047.60 | 1055.64  | 1045.44    | 1.09    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.02     | 0.01       | 18.65   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02    | 0.02     | 0.02       | 7.45    | ppb   |
| Sodium     | 23-2  | 10300.50 | 9801.25 | 10075.20 | 10058.98   | 2.49    | ppb   |
| Strontium  | 86-1  | 19.81    | 19.90   | 19.58    | 19.76      | 0.86    | ppb   |
| Strontium  | 88-1  | 19.95    | 20.01   | 19.81    | 19.92      | 0.50    | ppb   |
| Sulfur     | 34-1  | 655.41   | 734.62  | 729.54   | 706.52     | 6.28    | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | -0.01    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00     | 0.00       | 449.73  | ppb   |
| Tin        | 118-1 | -0.07    | -0.04   | -0.09    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.34     | 0.37    | 0.46     | 0.39       | 15.58   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.02   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.06     | 0.05       | 10.94   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 176.25   | 167.38  | 174.04   | 172.56     | 2.68    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.01     | 0.01       | 60.34   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-19-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:56:45  | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.03    | 0.02       | 82.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:00:10 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.41    | 2.51    | 3.37    | 2.76       | 19.03   | ppb   |
| Antimony   | 121-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.38   | -0.39      |         | ppb   |
| Barium     | 137-1 | -0.36   | -0.36   | -0.36   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.25    | 0.12    | 0.51    | 0.29       | 68.72   | ppb   |
| Boron      | 11-1  | 0.19    | 0.09    | 0.09    | 0.12       | 44.89   | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.01    | 0.02    | 0.00       | 609.22  | ppb   |
| Cadmium    | 106-1 | -0.09   | 0.27    | 0.54    | 0.24       | 133.39  | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Calcium    | 43-1  | -2.15   | -0.61   | -1.11   | -1.29      |         | ppb   |
| Calcium    | 44-1  | -2.15   | -1.84   | -0.03   | -1.34      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.03    | -0.14   | -0.07   | -0.06      |         | ppb   |
| Iron       | 57-2  | -0.92   | -0.93   | 0.17    | -0.56      |         | ppb   |
| Lead       | 206-1 | 462.53  | 481.99  | 501.04  | 481.85     | 4.00    | ppb   |
| Lead       | 207-1 | 457.83  | 478.59  | 495.76  | 477.39     | 3.98    | ppb   |
| Lead       | 208-1 | 467.79  | 489.81  | 505.83  | 487.81     | 3.92    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.51   | -0.54   | -0.46   | -0.50      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:00:10 | DataFile Name :   | 088SMPL.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   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -6.23   | -4.95   | 2.15    | -3.01      |         | ppb   |
| Potassium  | 39-2  | -1.48   | -12.17  | -8.00   | -7.21      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.22   | -0.21   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.02   | -0.40   | -0.04   | -0.15      |         | ppb   |
| Selenium   | 82-1  | 0.23    | 0.46    | 0.35    | 0.35       | 34.13   | ppb   |
| Silicon    | 28-1  | -8.49   | -8.69   | -6.26   | -7.81      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 264.49  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 7.80    | 3.72    | 6.24    | 5.92       | 34.83   | ppb   |
| Strontium  | 86-1  | -0.12   | -0.06   | -0.07   | -0.08      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -2.69   | 60.52   | 516.54  | 191.46     | 147.97  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 271.57  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 131.44  | ppb   |
| Tin        | 118-1 | -0.06   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.03   | 0.01    | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.76   | -0.75   | -0.72   | -0.74      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:00:10 | DataFile Name :   | 088SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:03:35 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.41   | -0.22   | -0.31   | -0.31      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.39   | -0.39   | -0.39      |         | ppb   |
| Barium     | 137-1 | -0.36   | -0.36   | -0.37   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.10   | 0.07    | -0.16   | -0.06      |         | ppb   |
| Boron      | 11-1  | -0.18   | -0.18   | -0.23   | -0.20      |         | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.24    | 0.10    | 0.14    | 0.16       | 42.73   | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.03    | 0.00    | 0.02       | 87.38   | ppb   |
| Calcium    | 43-1  | -4.06   | -1.53   | -2.83   | -2.81      |         | ppb   |
| Calcium    | 44-1  | -2.94   | -3.95   | -3.45   | -3.45      |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.06   | -0.01   | 0.00    | -0.02      |         | 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  | -0.47   | -0.52   | -0.49   | -0.49      |         | ppb   |
| Iron       | 57-2  | -1.08   | -1.11   | -0.79   | -0.99      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.47   | -0.33   | -0.64   | -0.48      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:03:35 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.04   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -1.24   | 3.91    | -0.28   | 0.80       | 343.66  | ppb   |
| Potassium  | 39-2  | -6.94   | -8.34   | -8.31   | -7.86      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | -0.46   | -0.46      |         | ppb   |
| Selenium   | 78-2  | 0.02    | -0.09   | 0.44    | 0.12       | 228.78  | ppb   |
| Selenium   | 82-1  | 1.23    | 0.00    | 0.43    | 0.55       | 112.42  | ppb   |
| Silicon    | 28-1  | -10.80  | -9.30   | -8.73   | -9.61      |         | 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  | 6.66    | 6.64    | 7.95    | 7.08       | 10.59   | ppb   |
| Strontium  | 86-1  | -0.11   | -0.10   | -0.07   | -0.09      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 37.05   | 227.73  | 258.30  | 174.36     | 68.76   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.03    | -0.02   | 0.00    | 0.00       | 1976.08 | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.83   | -0.74   | -0.81   | -0.79      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:03:35 | DataFile Name :   | 089SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-20 Instrumnet Name : P7  
 Client Sample ID : DC16740-20-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:07:01 DataFile Name : 090SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.65    | 8.33    | 7.12    | 8.37       | 15.08   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.03    | 0.04       | 4.52    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.28    | 0.17    | 0.21       | 27.63   | ppb   |
| Barium     | 135-1 | 15.81   | 16.40   | 16.06   | 16.09      | 1.84    | ppb   |
| Barium     | 137-1 | 15.68   | 16.18   | 15.83   | 15.90      | 1.60    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.07    | 4.07    | 3.87    | 3.67       | 14.37   | ppb   |
| Boron      | 11-1  | 3.55    | 3.68    | 3.71    | 3.65       | 2.27    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.01    | 0.00    | 0.00       | 821.09  | ppb   |
| Cadmium    | 106-1 | 0.10    | 0.28    | 0.20    | 0.19       | 46.42   | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.03    | 0.00    | 0.00       | 1556.84 | ppb   |
| Calcium    | 43-1  | 5573.50 | 5701.86 | 5694.38 | 5656.58    | 1.27    | ppb   |
| Calcium    | 44-1  | 5676.49 | 5800.78 | 5748.99 | 5742.09    | 1.09    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 141.79  | 137.17  | 139.99  | 139.65     | 1.67    | 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  | 23.42   | 23.40   | 31.44   | 26.09      | 17.78   | ppb   |
| Iron       | 57-2  | 28.53   | 30.45   | 28.92   | 29.30      | 3.47    | ppb   |
| Lead       | 206-1 | 0.02    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Lead       | 207-1 | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.31 | 1051.90 | 1067.50 | 1070.24    | 1.85    | ppb   |
| Manganese  | 55-2  | 11.09   | 10.90   | 10.68   | 10.89      | 1.89    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-20 Instrumnet Name : P7  
 Client Sample ID : DC16740-20-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:07:01 DataFile Name : 090SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 59.46   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | 0.00    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.33    | 0.27    | 0.28    | 0.29       | 10.74   | ppb   |
| Phosphorus | 31-2  | 634.90  | 661.48  | 613.00  | 636.46     | 3.81    | ppb   |
| Potassium  | 39-2  | 432.49  | 416.67  | 418.10  | 422.42     | 2.07    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.03    | 0.27    | -0.22   | 0.03       | 934.32  | ppb   |
| Selenium   | 78-2  | -0.31   | -0.32   | -0.68   | -0.43      |         | ppb   |
| Selenium   | 82-1  | 0.62    | 0.61    | 1.16    | 0.80       | 39.59   | ppb   |
| Silicon    | 28-1  | 997.20  | 1022.39 | 1047.91 | 1022.50    | 2.48    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 38.13   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 90.57   | ppb   |
| Sodium     | 23-2  | 9988.69 | 9723.37 | 9750.55 | 9820.87    | 1.49    | ppb   |
| Strontium  | 86-1  | 19.31   | 18.92   | 19.36   | 19.20      | 1.27    | ppb   |
| Strontium  | 88-1  | 19.77   | 19.54   | 19.46   | 19.59      | 0.80    | ppb   |
| Sulfur     | 34-1  | 654.48  | 1055.31 | 954.65  | 888.15     | 23.48   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 307.40  | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.31    | 0.40    | 0.46    | 0.39       | 19.58   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 8.00    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 5.58    | 5.32    | 5.36    | 5.42       | 2.63    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 22.14   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-20-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:07:01  | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 10.49   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-21 Instrumnet Name : P7  
 Client Sample ID : DC16740-21-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:10:27 DataFile Name : 091SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 70.95   | 74.82   | 69.70   | 71.82      | 3.71    | ppb   |
| Antimony   | 121-1 | 0.27    | 0.27    | 0.28    | 0.27       | 2.79    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.31    | 0.32    | 0.31       | 6.36    | ppb   |
| Barium     | 135-1 | 18.25   | 17.89   | 17.72   | 17.95      | 1.53    | ppb   |
| Barium     | 137-1 | 18.33   | 17.83   | 17.73   | 17.96      | 1.80    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.64    | 4.97    | 5.34    | 4.99       | 7.00    | ppb   |
| Boron      | 11-1  | 4.82    | 5.21    | 4.96    | 5.00       | 3.97    | ppb   |
| Cadmium    | 111-1 | 0.08    | 0.23    | 0.20    | 0.17       | 47.31   | ppb   |
| Cadmium    | 106-1 | -0.96   | 1.44    | 0.69    | 0.39       | 313.78  | ppb   |
| Cadmium    | 108-1 | 0.54    | 0.68    | 0.65    | 0.62       | 11.73   | ppb   |
| Calcium    | 43-1  | 5671.10 | 5626.67 | 5686.06 | 5661.28    | 0.55    | ppb   |
| Calcium    | 44-1  | 5757.94 | 5679.69 | 5786.84 | 5741.49    | 0.97    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.04   | -0.07   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.14    | 0.15    | 0.15    | 0.15       | 3.45    | ppb   |
| Copper     | 63-2  | 178.48  | 182.87  | 183.88  | 181.74     | 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  | 25.04   | 25.99   | 26.86   | 25.97      | 3.51    | ppb   |
| Iron       | 57-2  | 31.14   | 32.53   | 31.18   | 31.62      | 2.50    | ppb   |
| Lead       | 206-1 | 1.87    | 1.90    | 1.92    | 1.89       | 1.38    | ppb   |
| Lead       | 207-1 | 1.74    | 1.79    | 1.76    | 1.76       | 1.58    | ppb   |
| Lead       | 208-1 | 1.80    | 1.83    | 1.85    | 1.83       | 1.17    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1128.10 | 1163.18 | 1158.72 | 1150.00    | 1.66    | ppb   |
| Manganese  | 55-2  | 17.07   | 17.88   | 17.38   | 17.44      | 2.36    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-21-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:10:27  | DataFile Name :   | 091SMPL.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    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.03    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 49.60   | 50.57    | 50.61    | 50.26      | 1.14    | ppb   |
| Phosphorus | 31-2  | 509.29  | 514.10   | 517.33   | 513.57     | 0.79    | ppb   |
| Potassium  | 39-2  | 457.99  | 482.72   | 477.82   | 472.84     | 2.77    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.21    | -0.46    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.02   | -0.24    | -0.04    | -0.10      |         | ppb   |
| Selenium   | 82-1  | 1.19    | 0.78     | 1.21     | 1.06       | 23.26   | ppb   |
| Silicon    | 28-1  | 1085.14 | 1081.48  | 1108.72  | 1091.78    | 1.35    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01     | 0.01     | 0.01       | 22.36   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01     | 0.02     | 0.01       | 18.15   | ppb   |
| Sodium     | 23-2  | 9947.60 | 10171.51 | 10183.94 | 10101.02   | 1.32    | ppb   |
| Strontium  | 86-1  | 20.37   | 19.63    | 19.59    | 19.86      | 2.21    | ppb   |
| Strontium  | 88-1  | 20.46   | 20.46    | 20.33    | 20.42      | 0.37    | ppb   |
| Sulfur     | 34-1  | 626.86  | 628.88   | 706.81   | 654.18     | 6.97    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01     | 0.01     | 0.01       | 14.74   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01     | 0.01     | 0.01       | 62.84   | ppb   |
| Tin        | 118-1 | 23.88   | 23.48    | 23.84    | 23.73      | 0.93    | ppb   |
| Titanium   | 47-1  | 0.29    | 0.33     | 0.41     | 0.34       | 18.49   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05     | 0.05     | 0.04       | 12.92   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 2718.26 | 2766.43  | 2784.75  | 2756.48    | 1.25    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01     | 0.01     | 0.01       | 39.80   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-21-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:10:27  | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.14   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-22 Instrumnet Name : P7  
 Client Sample ID : DC16740-22-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:13:52 DataFile Name : 092SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 106.88  | 110.62  | 108.86  | 108.79     | 1.72    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 11.67   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.17    | 0.19    | 0.19       | 5.61    | ppb   |
| Barium     | 135-1 | 14.91   | 15.37   | 15.66   | 15.31      | 2.47    | ppb   |
| Barium     | 137-1 | 14.90   | 15.53   | 15.09   | 15.17      | 2.13    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.93    | 4.08    | 4.34    | 4.12       | 5.00    | ppb   |
| Boron      | 11-1  | 3.94    | 4.17    | 4.07    | 4.06       | 2.91    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.01   | -0.06   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.39   | -0.02   | -0.59   | -0.33      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.00    | 0.06    | 0.00       | 2805.20 | ppb   |
| Calcium    | 43-1  | 5507.61 | 5493.84 | 5562.82 | 5521.42    | 0.66    | ppb   |
| Calcium    | 44-1  | 5611.02 | 5599.61 | 5620.33 | 5610.32    | 0.18    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.08   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 39.42   | ppb   |
| Copper     | 63-2  | 194.79  | 195.34  | 198.00  | 196.04     | 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  | 23.21   | 24.54   | 24.07   | 23.94      | 2.83    | ppb   |
| Iron       | 57-2  | 29.11   | 30.51   | 31.04   | 30.22      | 3.29    | ppb   |
| Lead       | 206-1 | 0.06    | 0.07    | 0.08    | 0.07       | 15.74   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.06    | 0.04       | 42.35   | ppb   |
| Lead       | 208-1 | 0.04    | 0.05    | 0.06    | 0.05       | 16.54   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1089.65 | 1090.50 | 1105.51 | 1095.22    | 0.81    | ppb   |
| Manganese  | 55-2  | 10.42   | 10.34   | 10.89   | 10.55      | 2.82    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-22-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:13:52  | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.03     | 0.01       | 178.05  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.02    | -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  | 1.15    | 1.11    | 1.11     | 1.13       | 2.18    | ppb   |
| Phosphorus | 31-2  | 590.47  | 578.90  | 573.04   | 580.80     | 1.53    | ppb   |
| Potassium  | 39-2  | 443.60  | 441.57  | 444.78   | 443.32     | 0.37    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.22   | -0.46    | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.20   | -0.05   | -0.02    | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.92    | 0.92    | 0.93     | 0.92       | 0.64    | ppb   |
| Silicon    | 28-1  | 1016.83 | 996.49  | 998.62   | 1003.98    | 1.11    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01     | 0.00       | 149.25  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00     | 0.00       | 143.50  | ppb   |
| Sodium     | 23-2  | 9981.93 | 9967.58 | 10003.99 | 9984.50    | 0.18    | ppb   |
| Strontium  | 86-1  | 19.15   | 19.06   | 19.22    | 19.14      | 0.42    | ppb   |
| Strontium  | 88-1  | 19.49   | 19.34   | 19.64    | 19.49      | 0.77    | ppb   |
| Sulfur     | 34-1  | 494.41  | 558.43  | 647.06   | 566.64     | 13.53   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00     | 0.00       | 378.20  | ppb   |
| Tin        | 118-1 | 0.20    | 0.22    | 0.25     | 0.23       | 11.01   | ppb   |
| Titanium   | 47-1  | 0.41    | 0.39    | 0.34     | 0.38       | 8.61    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.07     | 0.06       | 13.43   | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 55.15   | 53.91   | 55.23    | 54.77      | 1.35    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01     | 0.01       | 30.64   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-22-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:13:52  | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 24.84   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-23 Instrumnet Name : P7  
 Client Sample ID : DC16740-23-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:17:17 DataFile Name : 093SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.41   | 7.67    | 8.53    | 8.87       | 15.84   | ppb   |
| Antimony   | 121-1 | 0.12    | 0.12    | 0.11    | 0.11       | 5.77    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.22    | 0.21    | 0.22       | 4.37    | ppb   |
| Barium     | 135-1 | 16.88   | 16.81   | 16.80   | 16.83      | 0.26    | ppb   |
| Barium     | 137-1 | 16.33   | 16.43   | 16.69   | 16.48      | 1.13    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.02    | 3.45    | 4.09    | 3.85       | 9.22    | ppb   |
| Boron      | 11-1  | 3.71    | 3.89    | 3.86    | 3.82       | 2.56    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.05   | -0.11   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -0.64   | -1.37   | -0.73      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | 0.06    | 0.02       | 243.36  | ppb   |
| Calcium    | 43-1  | 5622.06 | 5480.79 | 5706.41 | 5603.08    | 2.03    | ppb   |
| Calcium    | 44-1  | 5675.27 | 5588.68 | 5768.15 | 5677.37    | 1.58    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.05    | 0.05    | 0.05       | 5.04    | ppb   |
| Copper     | 63-2  | 154.95  | 153.89  | 153.96  | 154.27     | 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  | 190.83  | 188.37  | 192.20  | 190.46     | 1.02    | ppb   |
| Iron       | 57-2  | 195.18  | 199.28  | 195.63  | 196.70     | 1.14    | ppb   |
| Lead       | 206-1 | 2.30    | 2.24    | 2.31    | 2.29       | 1.74    | ppb   |
| Lead       | 207-1 | 2.10    | 2.01    | 2.08    | 2.07       | 2.29    | ppb   |
| Lead       | 208-1 | 2.16    | 2.12    | 2.18    | 2.15       | 1.55    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1088.88 | 1085.67 | 1072.22 | 1082.26    | 0.82    | ppb   |
| Manganese  | 55-2  | 9.55    | 9.60    | 9.40    | 9.51       | 1.10    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-23 Instrumnet Name : P7  
 Client Sample ID : DC16740-23-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:17:17 DataFile Name : 093SMPL.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   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | 0.17    | -0.01   | 0.05       | 231.06  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 22.44   | 22.33   | 22.66   | 22.48      | 0.75    | ppb   |
| Phosphorus | 31-2  | 576.61  | 564.94  | 583.67  | 575.07     | 1.65    | ppb   |
| Potassium  | 39-2  | 434.97  | 433.80  | 433.61  | 434.13     | 0.17    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.22   | 0.03    | -0.22      |         | ppb   |
| Selenium   | 78-2  | 0.07    | -0.85   | 0.11    | -0.22      |         | ppb   |
| Selenium   | 82-1  | 1.15    | 1.26    | 1.22    | 1.21       | 4.38    | ppb   |
| Silicon    | 28-1  | 1033.90 | 995.84  | 1045.33 | 1025.02    | 2.53    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 41.74   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 17.83   | ppb   |
| Sodium     | 23-2  | 9685.03 | 9701.92 | 9711.03 | 9699.33    | 0.14    | ppb   |
| Strontium  | 86-1  | 19.42   | 18.61   | 20.07   | 19.37      | 3.77    | ppb   |
| Strontium  | 88-1  | 19.68   | 19.58   | 20.19   | 19.82      | 1.64    | ppb   |
| Sulfur     | 34-1  | 448.05  | 168.95  | 421.17  | 346.06     | 44.49   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 127.69  | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.44    | 0.42    | 0.40       | 13.50   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.06       | 8.82    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 249.01  | 252.08  | 251.31  | 250.80     | 0.64    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 61.88   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-23-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:17:17   | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.01    | 0.02       | 30.08   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-24 Instrumnet Name : P7  
 Client Sample ID : DC16740-24-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:20:42 DataFile Name : 094SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.31    | 8.15    | 16.61   | 11.36      | 40.34   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.03    | 0.03       | 11.42   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.21    | 0.21    | 0.22       | 9.28    | ppb   |
| Barium     | 135-1 | 16.59   | 15.93   | 17.06   | 16.53      | 3.45    | ppb   |
| Barium     | 137-1 | 16.61   | 16.45   | 16.89   | 16.65      | 1.32    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.26    | 3.77    | 3.50    | 3.51       | 7.33    | ppb   |
| Boron      | 11-1  | 3.56    | 3.82    | 3.97    | 3.78       | 5.48    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.01   | 0.02    | 0.01       | 210.27  | ppb   |
| Cadmium    | 106-1 | 0.49    | -0.03   | 0.33    | 0.26       | 102.48  | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.03   | -0.05   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 5567.00 | 5635.79 | 5582.67 | 5595.15    | 0.64    | ppb   |
| Calcium    | 44-1  | 5718.23 | 5691.19 | 5650.04 | 5686.49    | 0.60    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.06   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 283.76  | ppb   |
| Copper     | 63-2  | 154.41  | 151.52  | 152.72  | 152.89     | 0.95    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 35.77   | 35.63   | 40.30   | 37.23      | 7.13    | ppb   |
| Iron       | 57-2  | 38.87   | 43.21   | 44.31   | 42.13      | 6.82    | ppb   |
| Lead       | 206-1 | 0.10    | 0.10    | 0.12    | 0.11       | 15.79   | ppb   |
| Lead       | 207-1 | 0.08    | 0.07    | 0.10    | 0.08       | 15.75   | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.09    | 0.09       | 3.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1094.57 | 1065.65 | 1070.01 | 1076.74    | 1.45    | ppb   |
| Manganese  | 55-2  | 11.90   | 11.67   | 11.85   | 11.81      | 1.02    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-24-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:20:42   | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | -0.01   | 0.00       | 282.59  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.87    | 1.69    | 1.70    | 1.75       | 5.72    | ppb   |
| Phosphorus | 31-2  | 677.44  | 642.61  | 632.55  | 650.87     | 3.62    | ppb   |
| Potassium  | 39-2  | 443.03  | 421.15  | 423.09  | 429.09     | 2.82    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.03    | 0.03    | 0.03    | 0.03       | 4.89    | ppb   |
| Selenium   | 78-2  | -0.75   | -0.29   | 0.26    | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.72    | 0.87    | 0.73    | 0.77       | 11.30   | ppb   |
| Silicon    | 28-1  | 1020.82 | 1036.98 | 1012.48 | 1023.42    | 1.22    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 121.97  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 53.64   | ppb   |
| Sodium     | 23-2  | 9946.08 | 9584.13 | 9654.86 | 9728.36    | 1.97    | ppb   |
| Strontium  | 86-1  | 19.31   | 19.55   | 19.32   | 19.39      | 0.69    | ppb   |
| Strontium  | 88-1  | 19.94   | 19.83   | 19.95   | 19.91      | 0.32    | ppb   |
| Sulfur     | 34-1  | 805.69  | 776.39  | 924.31  | 835.46     | 9.38    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 95.39   | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.46    | 0.39    | 0.44    | 0.43       | 8.44    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 8.31    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 14.37   | 14.38   | 14.48   | 14.41      | 0.43    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 7.66    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-24-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:20:42   | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.00    | 0.02       | 90.22   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-25 Instrumnet Name : P7  
 Client Sample ID : DC16740-25-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:24:08 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.59   | 19.36   | 17.75   | 17.57      | 10.78   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.07    | 0.08    | 0.08       | 7.66    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.24    | 0.24    | 0.25       | 3.43    | ppb   |
| Barium     | 135-1 | 15.65   | 16.17   | 16.51   | 16.11      | 2.68    | ppb   |
| Barium     | 137-1 | 15.96   | 16.44   | 16.27   | 16.22      | 1.49    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.37    | 4.71    | 5.03    | 4.71       | 7.05    | ppb   |
| Boron      | 11-1  | 4.73    | 4.77    | 4.72    | 4.74       | 0.60    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.04    | 0.01    | 0.02       | 69.60   | ppb   |
| Cadmium    | 106-1 | 0.36    | 0.56    | 0.30    | 0.40       | 33.69   | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.00    | 0.01    | 0.04       | 158.71  | ppb   |
| Calcium    | 43-1  | 5390.63 | 5557.20 | 5618.61 | 5522.15    | 2.14    | ppb   |
| Calcium    | 44-1  | 5490.40 | 5664.71 | 5703.05 | 5619.39    | 2.02    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.07    | 0.06    | 0.06       | 7.62    | ppb   |
| Copper     | 63-2  | 128.96  | 128.16  | 129.63  | 128.91     | 0.57    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.63   | 23.32   | 24.00   | 23.65      | 1.45    | ppb   |
| Iron       | 57-2  | 26.63   | 27.16   | 31.77   | 28.52      | 9.91    | ppb   |
| Lead       | 206-1 | 1.27    | 1.34    | 1.30    | 1.30       | 2.68    | ppb   |
| Lead       | 207-1 | 1.22    | 1.24    | 1.29    | 1.25       | 2.72    | ppb   |
| Lead       | 208-1 | 1.22    | 1.29    | 1.28    | 1.26       | 2.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1294.15 | 1294.56 | 1297.59 | 1295.44    | 0.14    | ppb   |
| Manganese  | 55-2  | 7.94    | 8.03    | 8.14    | 8.04       | 1.22    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-25 Instrumnet Name : P7  
 Client Sample ID : DC16740-25-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:24:08 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 4396.32 | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 6.97    | 6.81    | 6.85    | 6.88       | 1.20    | ppb   |
| Phosphorus | 31-2  | 589.54  | 608.76  | 593.30  | 597.20     | 1.71    | ppb   |
| Potassium  | 39-2  | 441.59  | 437.16  | 441.33  | 440.03     | 0.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.53    | -0.22   | -0.22   | 0.03       | 1524.62 | ppb   |
| Selenium   | 78-2  | -0.52   | -0.27   | 0.58    | -0.07      |         | ppb   |
| Selenium   | 82-1  | 0.70    | 0.69    | 1.05    | 0.81       | 24.98   | ppb   |
| Silicon    | 28-1  | 979.54  | 1015.15 | 1029.18 | 1007.96    | 2.54    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 37.96   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.28   | ppb   |
| Sodium     | 23-2  | 9838.77 | 9757.73 | 9794.90 | 9797.13    | 0.41    | ppb   |
| Strontium  | 86-1  | 18.75   | 19.20   | 19.20   | 19.05      | 1.35    | ppb   |
| Strontium  | 88-1  | 19.26   | 19.83   | 19.72   | 19.60      | 1.55    | ppb   |
| Sulfur     | 34-1  | 558.37  | 877.37  | 1145.85 | 860.53     | 34.18   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | 176.78  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 30.09   | ppb   |
| Tin        | 118-1 | -0.04   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.38    | 0.39    | 0.44    | 0.40       | 8.50    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.06    | 0.06    | 0.07       | 13.89   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 92.18   | 92.84   | 94.00   | 93.00      | 0.99    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 25.85   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-25              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-25-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:24:08   | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 35.62   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-26 Instrumnet Name : P7  
 Client Sample ID : DC16740-26-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:27:34 DataFile Name : 096SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.60   | 7.90    | 8.13    | 9.88       | 32.66   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 12.65   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.24    | 0.30    | 0.26       | 11.26   | ppb   |
| Barium     | 135-1 | 16.00   | 15.85   | 16.11   | 15.99      | 0.82    | ppb   |
| Barium     | 137-1 | 15.69   | 15.79   | 15.76   | 15.75      | 0.34    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.05    | 3.46    | 4.34    | 3.95       | 11.38   | ppb   |
| Boron      | 11-1  | 3.71    | 3.84    | 4.07    | 3.87       | 4.69    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.03    | -0.02   | 0.02       | 157.00  | ppb   |
| Cadmium    | 106-1 | 0.77    | 0.53    | -0.12   | 0.40       | 115.69  | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.02   | -0.05   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5424.99 | 5600.98 | 5442.67 | 5489.55    | 1.77    | ppb   |
| Calcium    | 44-1  | 5488.10 | 5615.70 | 5515.72 | 5539.84    | 1.21    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 128.94  | 127.71  | 124.09  | 126.91     | 1.99    | 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  | 26.65   | 25.77   | 24.74   | 25.72      | 3.71    | ppb   |
| Iron       | 57-2  | 31.04   | 33.31   | 30.84   | 31.73      | 4.33    | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.03    | 0.03       | 18.59   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.02    | 0.03       | 13.29   | ppb   |
| Lead       | 208-1 | 0.02    | 0.03    | 0.02    | 0.02       | 16.90   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1117.79 | 1111.86 | 1083.24 | 1104.30    | 1.67    | ppb   |
| Manganese  | 55-2  | 11.59   | 11.76   | 11.16   | 11.50      | 2.71    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-26 Instrumnet Name : P7  
 Client Sample ID : DC16740-26-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:27:34 DataFile Name : 096SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.00     | 0.00    | 0.00       | 35.46   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.62     | 0.56     | 0.58    | 0.58       | 5.39    | ppb   |
| Phosphorus | 31-2  | 696.06   | 640.88   | 626.48  | 654.47     | 5.61    | ppb   |
| Potassium  | 39-2  | 446.26   | 441.09   | 428.55  | 438.64     | 2.08    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.56     | 0.05     | -0.22   | 0.13       | 305.16  | ppb   |
| Selenium   | 78-2  | -0.40    | -0.25    | -0.02   | -0.22      |         | ppb   |
| Selenium   | 82-1  | 0.95     | 0.14     | 0.89    | 0.66       | 68.30   | ppb   |
| Silicon    | 28-1  | 977.23   | 990.44   | 974.16  | 980.61     | 0.88    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00    | 0.00       | 82.27   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00    | 0.00       | 373.29  | ppb   |
| Sodium     | 23-2  | 10167.95 | 10171.63 | 9867.06 | 10068.88   | 1.74    | ppb   |
| Strontium  | 86-1  | 18.44    | 19.21    | 18.80   | 18.82      | 2.05    | ppb   |
| Strontium  | 88-1  | 19.28    | 19.61    | 19.40   | 19.43      | 0.86    | ppb   |
| Sulfur     | 34-1  | 777.84   | 1061.79  | 962.10  | 933.91     | 15.42   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | -0.01    | 0.01     | 0.00    | 0.00       | 357.32  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.01    | 0.00       | 76.85   | ppb   |
| Tin        | 118-1 | -0.08    | -0.08    | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.44     | 0.50     | 0.82    | 0.59       | 34.45   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.07     | 0.05    | 0.06       | 12.54   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 4.54     | 4.62     | 4.28    | 4.48       | 3.94    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01    | 0.01       | 46.08   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-26              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-26-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:27:34   | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 34.24   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-27 Instrumnet Name : P7  
 Client Sample ID : DC16740-27-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:31:00 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.15   | 8.36    | 8.83    | 11.11      | 39.32   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.09    | 0.08    | 0.08       | 13.21   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.27    | 0.25    | 0.24       | 14.96   | ppb   |
| Barium     | 135-1 | 15.87   | 16.14   | 16.47   | 16.16      | 1.84    | ppb   |
| Barium     | 137-1 | 15.72   | 16.18   | 15.57   | 15.82      | 2.00    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.04    | 4.56    | 4.29    | 4.29       | 6.00    | ppb   |
| Boron      | 11-1  | 4.27    | 4.17    | 4.55    | 4.33       | 4.51    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.01   | -0.01   | 0.00       | 1022.03 | ppb   |
| Cadmium    | 106-1 | 0.47    | -0.02   | 0.05    | 0.17       | 158.99  | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.03    | 0.00    | 0.01       | 126.62  | ppb   |
| Calcium    | 43-1  | 5560.98 | 5828.44 | 5935.15 | 5774.86    | 3.34    | ppb   |
| Calcium    | 44-1  | 5656.45 | 5884.09 | 5935.12 | 5825.22    | 2.55    | ppb   |
| Chromium   | 52-2  | -0.03   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.05    | 0.05    | 0.05       | 4.20    | ppb   |
| Copper     | 63-2  | 139.65  | 142.77  | 143.99  | 142.14     | 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  | 23.97   | 24.13   | 24.42   | 24.17      | 0.94    | ppb   |
| Iron       | 57-2  | 27.77   | 27.33   | 29.46   | 28.19      | 3.99    | ppb   |
| Lead       | 206-1 | 0.69    | 0.71    | 0.71    | 0.70       | 1.98    | ppb   |
| Lead       | 207-1 | 0.60    | 0.64    | 0.63    | 0.62       | 3.37    | ppb   |
| Lead       | 208-1 | 0.63    | 0.67    | 0.66    | 0.65       | 3.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1124.32 | 1138.44 | 1152.66 | 1138.47    | 1.24    | ppb   |
| Manganese  | 55-2  | 8.09    | 8.33    | 8.46    | 8.29       | 2.31    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-27 Instrumnet Name : P7  
 Client Sample ID : DC16740-27-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:31:00 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 514.47  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 17.66   | 17.16   | 17.49   | 17.44      | 1.45    | ppb   |
| Phosphorus | 31-2  | 627.64  | 622.09  | 614.98  | 621.57     | 1.02    | ppb   |
| Potassium  | 39-2  | 427.39  | 433.44  | 440.85  | 433.89     | 1.55    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.03    | -0.22   | -0.22      |         | ppb   |
| Selenium   | 78-2  | -0.93   | 0.04    | -0.37   | -0.42      |         | ppb   |
| Selenium   | 82-1  | 0.51    | 0.82    | 0.89    | 0.74       | 27.59   | ppb   |
| Silicon    | 28-1  | 1003.39 | 1042.82 | 1068.36 | 1038.19    | 3.15    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 93.22   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.01       | 57.46   | ppb   |
| Sodium     | 23-2  | 9706.34 | 9713.85 | 9814.12 | 9744.77    | 0.62    | ppb   |
| Strontium  | 86-1  | 19.15   | 19.80   | 19.24   | 19.40      | 1.80    | ppb   |
| Strontium  | 88-1  | 19.33   | 20.26   | 19.78   | 19.79      | 2.37    | ppb   |
| Sulfur     | 34-1  | 959.65  | 1241.79 | 1428.32 | 1209.92    | 19.50   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.00       | 56.09   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.44    | 0.48    | 0.61    | 0.51       | 17.81   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.05       | 7.58    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 43.24   | 45.16   | 44.74   | 44.38      | 2.28    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.00    | 0.01       | 85.97   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-27-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:31:00   | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 41.44   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-28 Instrumnet Name : P7  
 Client Sample ID : DC16740-28-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:34:25 DataFile Name : 098SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.42   | 7.42    | 7.40    | 9.08       | 31.82   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.07    | 0.06       | 13.92   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.26    | 0.22    | 0.24       | 6.71    | ppb   |
| Barium     | 135-1 | 17.27   | 16.78   | 17.22   | 17.09      | 1.56    | ppb   |
| Barium     | 137-1 | 16.80   | 16.80   | 16.88   | 16.83      | 0.30    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.28    | 3.85    | 3.03    | 3.38       | 12.36   | ppb   |
| Boron      | 11-1  | 3.79    | 3.81    | 4.00    | 3.87       | 3.02    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.05    | 0.01    | 0.00       | 1683.27 | ppb   |
| Cadmium    | 106-1 | -0.56   | 0.82    | 0.21    | 0.16       | 435.43  | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.02   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5782.48 | 5670.59 | 5671.10 | 5708.05    | 1.13    | ppb   |
| Calcium    | 44-1  | 5841.94 | 5741.49 | 5727.79 | 5770.41    | 1.08    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.00       | 78.31   | ppb   |
| Copper     | 63-2  | 167.33  | 168.64  | 165.94  | 167.31     | 0.81    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.88   | 22.48   | 21.77   | 22.04      | 1.74    | ppb   |
| Iron       | 57-2  | 30.70   | 29.97   | 28.42   | 29.69      | 3.91    | ppb   |
| Lead       | 206-1 | 0.11    | 0.11    | 0.12    | 0.11       | 5.54    | ppb   |
| Lead       | 207-1 | 0.12    | 0.10    | 0.11    | 0.11       | 9.68    | ppb   |
| Lead       | 208-1 | 0.11    | 0.10    | 0.10    | 0.10       | 6.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1056.40 | 1038.46 | 1032.73 | 1042.53    | 1.18    | ppb   |
| Manganese  | 55-2  | 7.65    | 7.64    | 7.55    | 7.62       | 0.73    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-28 Instrumnet Name : P7  
 Client Sample ID : DC16740-28-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:34:25 DataFile Name : 098SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.00       | 55.86   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 18.79   | 18.91   | 19.01   | 18.91      | 0.58    | ppb   |
| Phosphorus | 31-2  | 664.61  | 662.07  | 623.80  | 650.16     | 3.52    | ppb   |
| Potassium  | 39-2  | 414.64  | 421.04  | 398.33  | 411.34     | 2.85    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46   | 0.50    | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.97   | -0.66   | 0.10    | -0.51      |         | ppb   |
| Selenium   | 82-1  | 0.40    | 0.84    | 0.58    | 0.61       | 37.09   | ppb   |
| Silicon    | 28-1  | 1034.11 | 1014.29 | 1018.18 | 1022.19    | 1.03    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 83.75   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 8.54    | ppb   |
| Sodium     | 23-2  | 9487.00 | 9359.86 | 9228.48 | 9358.45    | 1.38    | ppb   |
| Strontium  | 86-1  | 19.17   | 19.59   | 19.59   | 19.45      | 1.24    | ppb   |
| Strontium  | 88-1  | 19.99   | 19.83   | 19.88   | 19.90      | 0.40    | ppb   |
| Sulfur     | 34-1  | 785.98  | 838.62  | 777.20  | 800.60     | 4.15    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 150.16  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 63.37   | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.55    | 0.42    | 0.44    | 0.47       | 14.71   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.09    | 0.06    | 0.07       | 18.71   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 5.93    | 5.80    | 5.93    | 5.89       | 1.24    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 86.58   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-28-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:34:25   | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.01       | 39.19   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-29 Instrumnet Name : P7  
 Client Sample ID : DC16740-29-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:37:51 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.08    | 11.46   | 9.27    | 9.60       | 17.82   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.06    | 0.07       | 7.40    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.28    | 0.24    | 0.24       | 17.89   | ppb   |
| Barium     | 135-1 | 16.48   | 16.84   | 16.48   | 16.60      | 1.25    | ppb   |
| Barium     | 137-1 | 16.25   | 16.22   | 16.63   | 16.37      | 1.41    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.00    | 3.99    | 4.24    | 4.08       | 3.47    | ppb   |
| Boron      | 11-1  | 4.02    | 3.98    | 4.04    | 4.01       | 0.64    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.03   | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.07    | -0.21   | 0.07    | -0.02      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.07    | 0.03    | 0.05       | 49.37   | ppb   |
| Calcium    | 43-1  | 5713.14 | 5751.70 | 5883.85 | 5782.90    | 1.55    | ppb   |
| Calcium    | 44-1  | 5869.92 | 5892.58 | 5982.92 | 5915.14    | 1.01    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.08    | 0.07    | 0.08       | 10.73   | ppb   |
| Copper     | 63-2  | 121.63  | 120.58  | 124.14  | 122.12     | 1.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.99   | 23.82   | 25.35   | 24.05      | 4.97    | ppb   |
| Iron       | 57-2  | 27.57   | 29.97   | 27.39   | 28.31      | 5.09    | ppb   |
| Lead       | 206-1 | 1.69    | 1.67    | 1.67    | 1.68       | 0.74    | ppb   |
| Lead       | 207-1 | 1.52    | 1.48    | 1.48    | 1.49       | 1.68    | ppb   |
| Lead       | 208-1 | 1.58    | 1.57    | 1.58    | 1.58       | 0.24    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1100.83 | 1092.98 | 1132.37 | 1108.73    | 1.88    | ppb   |
| Manganese  | 55-2  | 9.90    | 9.86    | 10.05   | 9.94       | 1.02    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-29 Instrumnet Name : P7  
 Client Sample ID : DC16740-29-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:37:51 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 8.58    | 8.22    | 8.51    | 8.44       | 2.29    | ppb   |
| Phosphorus | 31-2  | 562.22  | 559.76  | 573.78  | 565.25     | 1.32    | ppb   |
| Potassium  | 39-2  | 408.83  | 406.82  | 423.71  | 413.12     | 2.23    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.23   | -0.23   | -0.46   | -0.31      |         | ppb   |
| Selenium   | 78-2  | -0.29   | 0.36    | -1.12   | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.27    | 0.49    | 0.28    | 0.34       | 36.60   | ppb   |
| Silicon    | 28-1  | 1094.13 | 1093.97 | 1112.14 | 1100.08    | 0.95    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 31.92   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 64.26   | ppb   |
| Sodium     | 23-2  | 9399.34 | 9399.01 | 9684.07 | 9494.14    | 1.73    | ppb   |
| Strontium  | 86-1  | 19.65   | 20.12   | 19.67   | 19.81      | 1.35    | ppb   |
| Strontium  | 88-1  | 20.11   | 20.31   | 20.08   | 20.17      | 0.62    | ppb   |
| Sulfur     | 34-1  | 703.27  | 697.34  | 1003.11 | 801.24     | 21.82   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 485.09  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 47.15   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.38    | 0.40    | 0.39       | 3.78    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.07    | 0.06       | 11.70   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 304.92  | 306.20  | 315.61  | 308.91     | 1.89    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.01    | 0.01       | 37.18   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-29-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:37:51   | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.03    | 0.03       | 26.95   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:41:16 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.44    | 3.22    | 2.82    | 2.83       | 13.82   | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.41   | -0.39   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.37   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.18    | 0.49    | 0.15    | 0.28       | 67.93   | ppb   |
| Boron      | 11-1  | 0.00    | -0.03   | 0.05    | 0.00       | 1137.47 | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.06    | -0.08   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.58   | 1.01    | -0.92   | -0.16      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.00    | 0.00    | 0.00       | 180.04  | ppb   |
| Calcium    | 43-1  | -0.57   | 0.83    | 1.70    | 0.65       | 175.65  | ppb   |
| Calcium    | 44-1  | -2.20   | -2.14   | -2.39   | -2.24      |         | ppb   |
| Chromium   | 52-2  | -0.04   | 0.00    | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | 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  | -0.06   | -0.02   | -0.08   | -0.05      |         | ppb   |
| Iron       | 57-2  | 0.08    | -0.33   | -0.09   | -0.11      |         | ppb   |
| Lead       | 206-1 | 476.99  | 472.44  | 475.35  | 474.92     | 0.49    | ppb   |
| Lead       | 207-1 | 468.66  | 470.26  | 467.68  | 468.86     | 0.28    | ppb   |
| Lead       | 208-1 | 477.49  | 477.05  | 476.75  | 477.10     | 0.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.33   | -0.68   | -0.50   | -0.50      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:41:16 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.02   | -0.03   | -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  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -5.83   | 0.74    | -2.74   | -2.61      |         | ppb   |
| Potassium  | 39-2  | -3.35   | -8.30   | -6.69   | -6.12      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.21   | -0.21   | -0.29      |         | ppb   |
| Selenium   | 78-2  | 0.37    | -0.28   | -0.20   | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.63    | 0.53    | 0.12    | 0.43       | 62.86   | ppb   |
| Silicon    | 28-1  | -10.53  | -9.56   | -8.76   | -9.62      |         | 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  | 10.19   | 8.34    | 8.04    | 8.86       | 13.15   | ppb   |
| Strontium  | 86-1  | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -309.30 | -193.97 | -94.16  | -199.14    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 4.45    | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.71   | -0.71   | -0.61   | -0.68      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:41:16 | DataFile Name :   | 100SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:44:41 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.04   | -0.31   | -0.22   | -0.19      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.38   | -0.40   | -0.41   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.37   | -0.38   | -0.38      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.31   | -0.02   | -0.34   | -0.22      |         | ppb   |
| Boron      | 11-1  | -0.25   | -0.25   | -0.36   | -0.29      |         | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.01    | -0.03   | 0.01       | 452.31  | ppb   |
| Cadmium    | 106-1 | 0.91    | 0.30    | -0.22   | 0.33       | 169.70  | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.02   | 0.02    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -1.80   | -2.31   | 0.11    | -1.33      |         | ppb   |
| Calcium    | 44-1  | -2.90   | -2.68   | -4.19   | -3.26      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | 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  | -0.59   | -0.57   | -0.51   | -0.56      |         | ppb   |
| Iron       | 57-2  | -1.06   | -0.43   | -1.07   | -0.86      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.57   | -0.64   | -0.58   | -0.60      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:44:41 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -3.12   | 5.45    | -1.23   | 0.37       | 1219.88 | ppb   |
| Potassium  | 39-2  | -13.91  | -12.00  | -12.47  | -12.80     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.46   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.54    | -0.55   | 0.11    | 0.03       | 1617.88 | ppb   |
| Selenium   | 82-1  | 0.63    | 0.40    | 0.77    | 0.60       | 30.65   | ppb   |
| Silicon    | 28-1  | -7.88   | -10.11  | -8.31   | -8.77      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 4.51    | 3.86    | 4.07    | 4.15       | 8.01    | ppb   |
| Strontium  | 86-1  | -0.06   | -0.06   | -0.01   | -0.04      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 146.72  | -149.54 | 184.93  | 60.70      | 301.59  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.05   | 0.07    | -0.03   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.05    | 0.05    | 0.04       | 41.51   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.68   | -0.74   | -0.74   | -0.72      |         | ppb   |
| Zirconium  | 90-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:44:41 | DataFile Name :   | 101SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-30 Instrumnet Name : P7  
 Client Sample ID : DC16740-30-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:48:08 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.84   | 11.20   | 8.23    | 11.75      | 32.63   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 11.42   | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.21    | 0.25    | 0.21       | 16.76   | ppb   |
| Barium     | 135-1 | 16.64   | 16.84   | 16.82   | 16.77      | 0.67    | ppb   |
| Barium     | 137-1 | 16.26   | 16.63   | 16.71   | 16.53      | 1.46    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.82    | 3.58    | 3.85    | 3.75       | 3.99    | ppb   |
| Boron      | 11-1  | 3.60    | 3.67    | 3.75    | 3.67       | 2.00    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.03   | 0.06    | 0.12    | 0.05       | 149.77  | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.05    | -0.02   | 0.01       | 253.51  | ppb   |
| Calcium    | 43-1  | 5527.73 | 5516.93 | 5518.42 | 5521.02    | 0.11    | ppb   |
| Calcium    | 44-1  | 5615.06 | 5619.99 | 5638.46 | 5624.50    | 0.22    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 33.53   | ppb   |
| Copper     | 63-2  | 187.88  | 187.43  | 184.31  | 186.54     | 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  | 25.52   | 25.97   | 26.80   | 26.10      | 2.49    | ppb   |
| Iron       | 57-2  | 33.15   | 35.02   | 29.78   | 32.65      | 8.13    | ppb   |
| Lead       | 206-1 | 0.11    | 0.14    | 0.15    | 0.13       | 14.38   | ppb   |
| Lead       | 207-1 | 0.10    | 0.11    | 0.11    | 0.10       | 7.22    | ppb   |
| Lead       | 208-1 | 0.10    | 0.12    | 0.12    | 0.11       | 8.92    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.03 | 1084.60 | 1074.26 | 1085.63    | 1.10    | ppb   |
| Manganese  | 55-2  | 11.17   | 11.07   | 10.91   | 11.05      | 1.17    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-30 Instrumnet Name : P7  
 Client Sample ID : DC16740-30-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:48:08 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.02    | 0.01       | 114.05  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.03    | 1.09    | 1.09    | 1.07       | 2.95    | ppb   |
| Phosphorus | 31-2  | 663.98  | 638.62  | 608.44  | 637.02     | 4.36    | ppb   |
| Potassium  | 39-2  | 441.98  | 429.68  | 423.20  | 431.62     | 2.21    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | -0.46   | -0.46      |         | ppb   |
| Selenium   | 78-2  | 0.02    | -0.38   | -0.57   | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.96    | 0.56    | 0.93    | 0.82       | 27.45   | ppb   |
| Silicon    | 28-1  | 1006.86 | 989.57  | 992.01  | 996.15     | 0.94    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 330.29  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9932.22 | 9738.24 | 9674.97 | 9781.81    | 1.37    | ppb   |
| Strontium  | 86-1  | 19.65   | 19.61   | 19.21   | 19.49      | 1.27    | ppb   |
| Strontium  | 88-1  | 19.92   | 19.83   | 19.85   | 19.87      | 0.24    | ppb   |
| Sulfur     | 34-1  | 128.40  | 79.99   | 253.56  | 153.98     | 58.17   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.65    | 0.35    | 0.63    | 0.54       | 30.84   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 5.18    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 40.88   | 39.60   | 40.19   | 40.23      | 1.59    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.01    | 0.01       | 93.95   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-30-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:48:08   | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.03    | 0.02       | 76.61   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-31 Instrumnet Name : P7  
 Client Sample ID : DC16740-31-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:51:33 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.85   | 13.07   | 12.47   | 13.13      | 5.26    | ppb   |
| Antimony   | 121-1 | 0.14    | 0.13    | 0.15    | 0.14       | 7.24    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.19    | 0.20    | 0.22       | 24.47   | ppb   |
| Barium     | 135-1 | 14.28   | 14.64   | 14.60   | 14.50      | 1.37    | ppb   |
| Barium     | 137-1 | 14.86   | 14.48   | 14.32   | 14.55      | 1.93    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.07    | 4.01    | 4.25    | 4.11       | 3.11    | ppb   |
| Boron      | 11-1  | 4.12    | 3.67    | 3.93    | 3.91       | 5.75    | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.01    | -0.02   | 0.02       | 203.62  | ppb   |
| Cadmium    | 106-1 | 0.52    | -0.25   | -0.64   | -0.12      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.07    | 0.10    | 0.08       | 17.99   | ppb   |
| Calcium    | 43-1  | 5451.65 | 5351.23 | 5436.91 | 5413.26    | 1.00    | ppb   |
| Calcium    | 44-1  | 5590.63 | 5441.09 | 5445.57 | 5492.43    | 1.55    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.07    | 0.07    | 0.07       | 14.34   | ppb   |
| Copper     | 63-2  | 234.52  | 232.75  | 224.52  | 230.60     | 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  | 24.10   | 27.02   | 23.03   | 24.72      | 8.35    | ppb   |
| Iron       | 57-2  | 32.61   | 29.81   | 27.93   | 30.12      | 7.82    | ppb   |
| Lead       | 206-1 | 1.53    | 1.50    | 1.48    | 1.51       | 1.56    | ppb   |
| Lead       | 207-1 | 1.41    | 1.41    | 1.37    | 1.39       | 1.46    | ppb   |
| Lead       | 208-1 | 1.48    | 1.43    | 1.43    | 1.45       | 1.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1212.05 | 1200.84 | 1151.14 | 1188.01    | 2.73    | ppb   |
| Manganese  | 55-2  | 10.92   | 10.89   | 10.17   | 10.66      | 4.02    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-31 Instrumnet Name : P7  
 Client Sample ID : DC16740-31-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:51:33 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.01       | 86.24   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 12.34   | 12.05   | 11.93   | 12.11      | 1.72    | ppb   |
| Phosphorus | 31-2  | 450.77  | 407.35  | 422.02  | 426.71     | 5.18    | ppb   |
| Potassium  | 39-2  | 433.39  | 430.38  | 405.63  | 423.13     | 3.60    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.02    | -0.46   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.59   | 0.32    | -0.63   | -0.30      |         | ppb   |
| Selenium   | 82-1  | 0.96    | 1.28    | 0.71    | 0.98       | 29.09   | ppb   |
| Silicon    | 28-1  | 1004.63 | 1000.60 | 992.74  | 999.33     | 0.61    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 40.02   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 36.79   | ppb   |
| Sodium     | 23-2  | 9763.75 | 9642.27 | 9315.38 | 9573.80    | 2.42    | ppb   |
| Strontium  | 86-1  | 18.51   | 18.39   | 18.30   | 18.40      | 0.57    | ppb   |
| Strontium  | 88-1  | 19.01   | 18.79   | 18.89   | 18.90      | 0.59    | ppb   |
| Sulfur     | 34-1  | 463.70  | 245.86  | 372.45  | 360.67     | 30.33   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.26    | 0.36    | 0.31       | 16.14   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 12.06   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 239.41  | 238.33  | 228.42  | 235.39     | 2.57    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.01       | 49.62   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-31-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:51:33   | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.01    | 0.01    | 0.02       | 80.77   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-32 Instrumnet Name : P7  
 Client Sample ID : DC16740-32-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:54:58 DataFile Name : 104SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.32    | 3.50    | 4.11    | 3.64       | 11.38   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 12.77   | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.23    | 0.23    | 0.21       | 15.32   | ppb   |
| Barium     | 135-1 | 15.07   | 14.48   | 14.92   | 14.82      | 2.05    | ppb   |
| Barium     | 137-1 | 14.76   | 14.83   | 14.79   | 14.79      | 0.22    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.13    | 3.51    | 3.21    | 3.62       | 13.00   | ppb   |
| Boron      | 11-1  | 3.77    | 3.89    | 3.51    | 3.72       | 5.30    | ppb   |
| Cadmium    | 111-1 | -0.07   | 0.01    | -0.07   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.78   | 0.22    | -0.77   | -0.44      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.01    | 0.01    | 0.00       | 189.80  | ppb   |
| Calcium    | 43-1  | 5515.49 | 5439.72 | 5432.84 | 5462.69    | 0.84    | ppb   |
| Calcium    | 44-1  | 5604.12 | 5478.14 | 5556.83 | 5546.36    | 1.15    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.08   | -0.08   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 285.62  | 285.49  | 283.50  | 284.87     | 0.42    | 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  | 19.72   | 19.60   | 22.42   | 20.58      | 7.76    | ppb   |
| Iron       | 57-2  | 23.29   | 27.04   | 26.11   | 25.48      | 7.68    | ppb   |
| Lead       | 206-1 | 0.07    | 0.05    | 0.06    | 0.06       | 16.03   | ppb   |
| Lead       | 207-1 | 0.05    | 0.04    | 0.03    | 0.04       | 30.80   | ppb   |
| Lead       | 208-1 | 0.06    | 0.04    | 0.05    | 0.05       | 18.80   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1041.48 | 1054.23 | 1039.97 | 1045.22    | 0.75    | ppb   |
| Manganese  | 55-2  | 6.19    | 6.04    | 6.10    | 6.11       | 1.18    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-32 Instrumnet Name : P7  
 Client Sample ID : DC16740-32-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:54:58 DataFile Name : 104SMPL.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  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.82    | 0.83    | 0.88    | 0.84       | 3.50    | ppb   |
| Phosphorus | 31-2  | 650.56  | 618.48  | 570.93  | 613.32     | 6.53    | ppb   |
| Potassium  | 39-2  | 417.41  | 426.25  | 419.06  | 420.91     | 1.12    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.22   | -0.22   | -0.22      |         | ppb   |
| Selenium   | 78-2  | 0.02    | -0.02   | -0.71   | -0.24      |         | ppb   |
| Selenium   | 82-1  | 0.67    | 1.20    | 0.77    | 0.88       | 31.92   | ppb   |
| Silicon    | 28-1  | 998.05  | 983.36  | 997.99  | 993.14     | 0.85    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.28   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 15.57   | ppb   |
| Sodium     | 23-2  | 9476.84 | 9494.32 | 9410.28 | 9460.48    | 0.47    | ppb   |
| Strontium  | 86-1  | 18.82   | 18.63   | 18.94   | 18.80      | 0.84    | ppb   |
| Strontium  | 88-1  | 19.21   | 19.00   | 19.11   | 19.11      | 0.57    | ppb   |
| Sulfur     | 34-1  | 601.97  | 444.54  | 673.37  | 573.29     | 20.42   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 46.05   | ppb   |
| Tin        | 118-1 | -0.09   | -0.10   | -0.08   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.54    | 0.32    | 0.43    | 0.43       | 25.15   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.05    | 0.06    | 0.06       | 10.48   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.13   | 16.18   | 15.77   | 16.02      | 1.40    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 20.31   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-32-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:54:58   | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:58:23 | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.36   | 0.06    | -0.26   | -0.19      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.36   | -0.38   | -0.38   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.02    | -0.02   | 0.31    | 0.10       | 173.24  | ppb   |
| Boron      | 11-1  | -0.11   | 0.00    | -0.02   | -0.04      |         | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.01   | -0.07   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.26    | 0.00    | -0.72   | -0.16      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.00    | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -2.34   | -2.89   | -3.70   | -2.98      |         | ppb   |
| Calcium    | 44-1  | -4.30   | -4.84   | -4.60   | -4.58      |         | ppb   |
| Chromium   | 52-2  | -0.06   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.01    | 0.00    | 0.01       | 113.90  | 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  | -0.47   | -0.44   | -0.39   | -0.43      |         | ppb   |
| Iron       | 57-2  | -0.51   | -0.69   | -0.73   | -0.65      |         | ppb   |
| Lead       | 206-1 | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Lead       | 207-1 | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Lead       | 208-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.68   | -0.95   | -0.64   | -0.76      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:58:23 | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -2.72   | -6.99   | -6.93   | -5.55      |         | ppb   |
| Potassium  | 39-2  | -5.47   | -2.06   | -4.13   | -3.89      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.30    | 0.05    | -0.04      |         | ppb   |
| Selenium   | 78-2  | -0.09   | -0.37   | -0.70   | -0.39      |         | ppb   |
| Selenium   | 82-1  | 0.51    | 0.67    | 0.61    | 0.60       | 14.16   | ppb   |
| Silicon    | 28-1  | -10.84  | -13.46  | -11.47  | -11.92     |         | 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  | 6.36    | 7.05    | 8.32    | 7.25       | 13.72   | ppb   |
| Strontium  | 86-1  | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 378.45  | 136.36  | 211.80  | 242.21     | 51.15   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.04    | 0.02    | 0.03       | 33.21   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.86   | -0.79   | -0.80   | -0.81      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:58:23 | DataFile Name :   | 105SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:01:49 | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.53    | 3.02    | 3.16    | 3.23       | 8.15    | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.04   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.38   | -0.39      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.36   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.39    | 0.06    | 0.45    | 0.30       | 70.65   | ppb   |
| Boron      | 11-1  | 0.28    | 0.23    | 0.09    | 0.20       | 48.54   | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.04    | 0.09    | 0.05       | 83.66   | ppb   |
| Cadmium    | 106-1 | 0.44    | 0.70    | 1.46    | 0.87       | 61.65   | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.01    | 0.03    | 0.01       | 112.06  | ppb   |
| Calcium    | 43-1  | -1.20   | -0.47   | 0.90    | -0.26      |         | ppb   |
| Calcium    | 44-1  | -2.53   | -1.96   | -2.71   | -2.40      |         | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.00    | -0.05   | -0.02      |         | 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  | 0.01    | 0.09    | 0.04    | 0.04       | 87.67   | ppb   |
| Iron       | 57-2  | -0.93   | -0.08   | -0.51   | -0.51      |         | ppb   |
| Lead       | 206-1 | 477.07  | 474.89  | 471.49  | 474.48     | 0.59    | ppb   |
| Lead       | 207-1 | 473.57  | 465.36  | 461.39  | 466.77     | 1.33    | ppb   |
| Lead       | 208-1 | 482.57  | 478.44  | 472.20  | 477.74     | 1.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.42   | -0.44   | -0.61   | -0.49      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.01    | 0.01       | 12.11   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:01:49 | DataFile Name :   | 106SMPL.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   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -6.00   | 5.18    | -8.57   | -3.13      |         | ppb   |
| Potassium  | 39-2  | -8.59   | 2.38    | 1.55    | -1.55      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.47   | -0.38   | 0.31    | -0.18      |         | ppb   |
| Selenium   | 82-1  | 0.16    | 0.72    | 0.83    | 0.57       | 63.13   | ppb   |
| Silicon    | 28-1  | -12.27  | -12.34  | -13.64  | -12.75     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 196.50  | ppb   |
| Sodium     | 23-2  | 4.22    | 7.28    | 5.65    | 5.72       | 26.76   | ppb   |
| Strontium  | 86-1  | -0.07   | -0.06   | -0.10   | -0.08      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 330.97  | 252.99  | 269.27  | 284.41     | 14.46   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.00    | 0.02    | 0.01       | 90.66   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.51   | -0.29   | -0.24   | -0.35      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:01:49 | DataFile Name :   | 106SMPL.d |

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

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-43-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:05:15   | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.14    | 8.87    | 13.48   | 10.50      | 24.64   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.64    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.27    | 0.25    | 0.26       | 5.12    | ppb   |
| Barium     | 135-1 | 14.51   | 14.03   | 13.95   | 14.16      | 2.16    | ppb   |
| Barium     | 137-1 | 14.46   | 14.17   | 13.80   | 14.14      | 2.36    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.51    | 3.54    | 3.61    | 3.55       | 1.50    | ppb   |
| Boron      | 11-1  | 3.74    | 3.72    | 3.57    | 3.68       | 2.49    | ppb   |
| Cadmium    | 111-1 | 0.10    | 0.06    | 0.00    | 0.05       | 93.17   | ppb   |
| Cadmium    | 106-1 | 0.96    | 0.31    | -0.45   | 0.27       | 260.45  | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.05    | 0.05    | 0.04       | 62.11   | ppb   |
| Calcium    | 43-1  | 5704.86 | 5532.21 | 5502.88 | 5579.98    | 1.96    | ppb   |
| Calcium    | 44-1  | 5736.32 | 5580.45 | 5613.83 | 5643.53    | 1.45    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.04   | -0.08   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 45.16   | 45.55   | 44.72   | 45.14      | 0.92    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.27   | 14.38   | 13.79   | 14.15      | 2.24    | ppb   |
| Iron       | 57-2  | 18.73   | 21.17   | 19.78   | 19.89      | 6.15    | ppb   |
| Lead       | 206-1 | 0.19    | 0.16    | 0.15    | 0.17       | 13.07   | ppb   |
| Lead       | 207-1 | 0.18    | 0.16    | 0.14    | 0.16       | 13.44   | ppb   |
| Lead       | 208-1 | 0.17    | 0.16    | 0.14    | 0.16       | 8.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.80 | 1056.90 | 1039.34 | 1048.35    | 0.84    | ppb   |
| Manganese  | 55-2  | 9.25    | 9.67    | 9.28    | 9.40       | 2.49    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-43-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:05:15   | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.01    | 0.00       | 137.71  | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.12    | 0.16    | 0.16    | 0.15       | 18.14   | ppb   |
| Phosphorus | 31-2  | 690.92  | 724.30  | 682.16  | 699.13     | 3.18    | ppb   |
| Potassium  | 39-2  | 397.50  | 404.94  | 391.25  | 397.90     | 1.72    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.52    | -0.46   | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.13   | -0.70   | -0.08   | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.12    | 0.64    | 0.47    | 0.41       | 65.29   | ppb   |
| Silicon    | 28-1  | 967.33  | 935.72  | 938.90  | 947.32     | 1.84    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 276.45  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9221.86 | 9261.96 | 9084.79 | 9189.54    | 1.01    | ppb   |
| Strontium  | 86-1  | 17.92   | 17.71   | 17.51   | 17.71      | 1.17    | ppb   |
| Strontium  | 88-1  | 17.97   | 18.00   | 17.79   | 17.92      | 0.65    | ppb   |
| Sulfur     | 34-1  | 936.56  | 766.83  | 567.27  | 756.88     | 24.42   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.10   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.48    | 0.46    | 0.37    | 0.44       | 13.11   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.08    | 0.06    | 0.07       | 14.30   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 29.43   | 28.85   | 28.96   | 29.08      | 1.06    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 23.80   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-43-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:05:15   | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 8.01    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4678-02 Instrumnet Name : P7  
 Client Sample ID : DC25820-44-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:08:40 DataFile Name : 108SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.36    | 7.05    | 6.82    | 6.74       | 5.20    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 5.11    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.20    | 0.21    | 0.22       | 5.29    | ppb   |
| Barium     | 135-1 | 17.32   | 16.89   | 16.53   | 16.92      | 2.34    | ppb   |
| Barium     | 137-1 | 17.13   | 17.24   | 16.92   | 17.09      | 0.94    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.87    | 3.42    | 3.55    | 3.61       | 6.32    | ppb   |
| Boron      | 11-1  | 3.48    | 3.58    | 3.71    | 3.59       | 3.30    | ppb   |
| Cadmium    | 111-1 | 0.18    | 0.21    | 0.17    | 0.19       | 11.03   | ppb   |
| Cadmium    | 106-1 | -0.27   | -0.01   | -0.76   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.25    | 0.25    | 0.20       | 43.88   | ppb   |
| Calcium    | 43-1  | 5619.14 | 5623.70 | 5593.61 | 5612.15    | 0.29    | ppb   |
| Calcium    | 44-1  | 5669.71 | 5740.18 | 5681.23 | 5697.04    | 0.66    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 137.48  | 137.06  | 136.86  | 137.14     | 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  | 11.33   | 10.92   | 13.38   | 11.88      | 11.11   | ppb   |
| Iron       | 57-2  | 18.34   | 22.56   | 17.61   | 19.50      | 13.68   | ppb   |
| Lead       | 206-1 | 1.39    | 1.45    | 1.42    | 1.42       | 2.04    | ppb   |
| Lead       | 207-1 | 1.29    | 1.24    | 1.20    | 1.24       | 3.75    | ppb   |
| Lead       | 208-1 | 1.33    | 1.32    | 1.31    | 1.32       | 0.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.03 | 1097.69 | 1092.09 | 1095.94    | 0.30    | ppb   |
| Manganese  | 55-2  | 7.95    | 7.99    | 8.00    | 7.98       | 0.30    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-44-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:08:40   | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 1643.16 | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.18    | 0.20    | 0.19       | 5.97    | ppb   |
| Phosphorus | 31-2  | 645.87  | 668.94  | 652.79  | 655.87     | 1.81    | ppb   |
| Potassium  | 39-2  | 411.63  | 416.58  | 412.84  | 413.68     | 0.62    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.67   | -0.01   | -0.53   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.64    | 0.31    | 0.86    | 0.60       | 45.80   | ppb   |
| Silicon    | 28-1  | 945.98  | 975.47  | 945.42  | 955.63     | 1.80    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 39.39   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.01       | 122.40  | ppb   |
| Sodium     | 23-2  | 9503.62 | 9508.45 | 9460.30 | 9490.79    | 0.28    | ppb   |
| Strontium  | 86-1  | 18.63   | 18.51   | 18.57   | 18.57      | 0.33    | ppb   |
| Strontium  | 88-1  | 18.66   | 18.71   | 18.64   | 18.67      | 0.17    | ppb   |
| Sulfur     | 34-1  | 569.58  | 606.90  | 562.23  | 579.57     | 4.13    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 89.01   | ppb   |
| Tin        | 118-1 | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.43    | 0.36    | 0.41    | 0.40       | 8.27    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.07    | 0.07       | 10.65   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 115.46  | 114.00  | 113.80  | 114.42     | 0.79    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.01    | 0.01       | 111.36  | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-44-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:08:40   | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | 0.02    | 0.01       | 81.98   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4616-10 Instrumnet Name : P7  
 Client Sample ID : DC25820-46-FL1-BRD-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:12:06 DataFile Name : 109SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.85    | 7.85    | 7.96    | 8.22       | 6.66    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.02    | 0.04    | 0.03       | 42.79   | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.20    | 0.23    | 0.19       | 22.12   | ppb   |
| Barium     | 135-1 | 15.33   | 15.67   | 14.94   | 15.32      | 2.38    | ppb   |
| Barium     | 137-1 | 15.40   | 15.23   | 15.09   | 15.24      | 1.01    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.59    | 3.58    | 3.55    | 3.58       | 0.54    | ppb   |
| Boron      | 11-1  | 3.74    | 3.79    | 3.61    | 3.72       | 2.46    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.05   | -0.07   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.37   | -0.65   | -0.79   | -0.60      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.03    | -0.01   | 0.04       | 134.63  | ppb   |
| Calcium    | 43-1  | 5425.87 | 5344.46 | 5207.63 | 5325.99    | 2.07    | ppb   |
| Calcium    | 44-1  | 5547.92 | 5407.03 | 5297.87 | 5417.60    | 2.31    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.08   | -0.03   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 3623.80 | ppb   |
| Copper     | 63-2  | 154.77  | 163.39  | 157.74  | 158.63     | 2.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.41   | 35.37   | 34.24   | 34.34      | 2.86    | ppb   |
| Iron       | 57-2  | 37.46   | 42.05   | 40.84   | 40.12      | 5.93    | ppb   |
| Lead       | 206-1 | 0.73    | 0.69    | 0.69    | 0.70       | 3.25    | ppb   |
| Lead       | 207-1 | 0.64    | 0.66    | 0.63    | 0.64       | 2.80    | ppb   |
| Lead       | 208-1 | 0.67    | 0.68    | 0.66    | 0.67       | 1.82    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1064.45 | 1118.12 | 1080.96 | 1087.84    | 2.53    | ppb   |
| Manganese  | 55-2  | 11.86   | 12.13   | 12.05   | 12.01      | 1.14    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4616-10 Instrumnet Name : P7  
 Client Sample ID : DC25820-46-FL1-BRD-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:12:06 DataFile Name : 109SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.00       | 231.94  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.05    | 1.20    | 1.17    | 1.14       | 7.00    | ppb   |
| Phosphorus | 31-2  | 649.59  | 684.63  | 663.85  | 666.02     | 2.65    | ppb   |
| Potassium  | 39-2  | 394.39  | 424.91  | 400.70  | 406.67     | 3.96    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | 0.27    | 0.27    | 0.11       | 266.28  | ppb   |
| Selenium   | 78-2  | 0.00    | -0.21   | -0.11   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.87    | 0.75    | 0.19    | 0.60       | 60.47   | ppb   |
| Silicon    | 28-1  | 976.46  | 953.26  | 942.37  | 957.36     | 1.82    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 27.34   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 21.10   | ppb   |
| Sodium     | 23-2  | 9051.77 | 9412.44 | 9251.40 | 9238.54    | 1.96    | ppb   |
| Strontium  | 86-1  | 17.75   | 17.33   | 17.59   | 17.56      | 1.20    | ppb   |
| Strontium  | 88-1  | 17.76   | 17.72   | 17.76   | 17.75      | 0.14    | ppb   |
| Sulfur     | 34-1  | 604.59  | 581.41  | 438.63  | 541.54     | 16.60   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 68.20   | ppb   |
| Tin        | 118-1 | -0.08   | -0.09   | -0.09   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.62    | 0.49    | 0.45    | 0.52       | 17.18   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.04    | 0.05       | 14.86   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 68.91   | 71.36   | 71.32   | 70.53      | 1.99    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.01       | 79.73   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-46-FL1-BRD-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:12:06  | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.01    | 0.02       | 77.79   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:15:32 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.31    | 2.98    | 3.01    | 2.77       | 14.40   | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.40   | -0.41   | -0.41      |         | ppb   |
| Barium     | 137-1 | -0.35   | -0.36   | -0.37   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.08    | 0.04    | 0.08    | 0.07       | 34.62   | ppb   |
| Boron      | 11-1  | -0.14   | 0.01    | -0.13   | -0.09      |         | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.07   | 0.07    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.31   | -0.77   | 1.06    | 0.00       |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -0.40   | 1.95    | 1.08    | 0.88       | 135.17  | ppb   |
| Calcium    | 44-1  | -1.69   | -2.48   | -2.58   | -2.25      |         | ppb   |
| Chromium   | 52-2  | -0.05   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.01   | -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  | -0.07   | -0.05   | -0.02   | -0.05      |         | ppb   |
| Iron       | 57-2  | 0.40    | -0.12   | -0.37   | -0.03      |         | ppb   |
| Lead       | 206-1 | 476.39  | 476.61  | 473.10  | 475.37     | 0.41    | ppb   |
| Lead       | 207-1 | 469.03  | 470.69  | 470.69  | 470.13     | 0.20    | ppb   |
| Lead       | 208-1 | 479.87  | 481.58  | 480.52  | 480.66     | 0.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.68   | -0.46   | -0.40   | -0.51      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 2399.09 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:15:32 | DataFile Name :   | 110SMPL.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   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 0.67    | 6.72    | -7.17   | 0.07       | 9366.26 | ppb   |
| Potassium  | 39-2  | -5.97   | -8.40   | -3.20   | -5.86      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.56    | 0.33    | 0.14       | 378.75  | ppb   |
| Selenium   | 78-2  | 0.93    | -0.05   | -0.02   | 0.29       | 195.47  | ppb   |
| Selenium   | 82-1  | 0.62    | 0.84    | 0.32    | 0.59       | 43.82   | ppb   |
| Silicon    | 28-1  | -9.50   | -8.24   | -8.01   | -8.58      |         | 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  | 6.06    | 3.89    | 6.93    | 5.63       | 27.79   | ppb   |
| Strontium  | 86-1  | -0.09   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -167.30 | -46.00  | 59.77   | -51.18     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.02   | 0.01    | 0.02    | 0.01       | 296.76  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.69   | -0.67   | -0.64   | -0.67      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:15:32 | DataFile Name :   | 110SMPL.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:18:58 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.16   | -0.08   | -0.01   | -0.08      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.38   | -0.41   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.35   | -0.37   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.22   | -0.60   | -0.13   | -0.32      |         | ppb   |
| Boron      | 11-1  | -0.46   | -0.56   | -0.44   | -0.48      |         | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.12   | -0.02   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.79   | -1.39   | -0.01   | -0.73      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -1.33   | -1.45   | -2.25   | -1.68      |         | ppb   |
| Calcium    | 44-1  | -3.00   | -2.17   | -3.11   | -2.76      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.00    | 0.01    | 0.01       | 115.28  | 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  | -0.43   | -0.52   | -0.35   | -0.44      |         | ppb   |
| Iron       | 57-2  | -0.79   | -0.34   | -1.25   | -0.79      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.67   | -0.73   | -0.82   | -0.74      |         | ppb   |
| Manganese  | 55-2  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:18:58 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 1.80    | -11.05  | -4.96   | -4.73      |         | ppb   |
| Potassium  | 39-2  | -4.02   | -16.04  | -9.16   | -9.74      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.20   | -0.46   | 0.04    | -0.21      |         | ppb   |
| Selenium   | 78-2  | 0.19    | -0.37   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.75    | 0.59    | 0.21    | 0.52       | 52.97   | ppb   |
| Silicon    | 28-1  | -10.17  | -11.43  | -11.70  | -11.10     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 6.26    | 1.70    | 3.22    | 3.73       | 62.26   | ppb   |
| Strontium  | 86-1  | -0.12   | -0.08   | -0.06   | -0.09      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -303.22 | -508.61 | -613.26 | -475.03    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.02    | 0.02    | 0.01       | 82.14   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.81   | -0.78   | -0.83   | -0.81      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:18:58 | DataFile Name :   | 111SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : PB101408BL Instrumnet Name : P7  
 Client Sample ID : PB101408BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:22:25 DataFile Name : 112SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.31   | -0.21   | -0.50   | -0.34      |          | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Arsenic    | 75-2  | -0.07   | -0.07   | -0.07   | -0.07      |          | ppb   |
| Barium     | 135-1 | -0.40   | -0.41   | -0.40   | -0.40      |          | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.38   | -0.38      |          | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | -0.16   | -0.25   | -0.33   | -0.25      |          | ppb   |
| Boron      | 11-1  | -0.39   | -0.41   | -0.31   | -0.37      |          | ppb   |
| Cadmium    | 111-1 | -0.07   | 0.00    | 0.03    | -0.01      |          | ppb   |
| Cadmium    | 106-1 | -0.74   | 0.07    | 0.69    | 0.01       | 11451.23 | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | -0.02   | -0.02      |          | ppb   |
| Calcium    | 43-1  | -3.45   | -1.82   | -3.74   | -3.00      |          | ppb   |
| Calcium    | 44-1  | -1.72   | -2.02   | -3.21   | -2.32      |          | ppb   |
| Chromium   | 52-2  | -0.02   | -0.05   | -0.03   | -0.03      |          | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Copper     | 63-2  | -0.04   | -0.02   | -0.02   | -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  | -0.57   | -0.66   | -0.62   | -0.62      |          | ppb   |
| Iron       | 57-2  | -0.53   | -0.66   | -1.00   | -0.73      |          | ppb   |
| Lead       | 206-1 | -0.07   | -0.06   | -0.07   | -0.07      |          | ppb   |
| Lead       | 207-1 | -0.05   | -0.06   | -0.07   | -0.06      |          | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.07   | -0.07      |          | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | -1.20   | -1.21   | -1.11   | -1.17      |          | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:22:25 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 4.71    | -0.11   | -9.42   | -1.61      |         | ppb   |
| Potassium  | 39-2  | -7.86   | -3.99   | -5.50   | -5.79      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | -0.46   | -0.46      |         | ppb   |
| Selenium   | 78-2  | -0.40   | 0.39    | -0.58   | -0.20      |         | ppb   |
| Selenium   | 82-1  | 0.71    | 0.50    | 0.64    | 0.62       | 17.57   | ppb   |
| Silicon    | 28-1  | -8.95   | -9.40   | -9.02   | -9.12      |         | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 3.58    | 3.84    | 5.19    | 4.20       | 20.62   | ppb   |
| Strontium  | 86-1  | -0.10   | -0.06   | -0.06   | -0.08      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 489.86  | 303.77  | 415.42  | 403.02     | 23.24   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.77   | -0.74   | -0.79   | -0.77      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:22:25 | DataFile Name :   | 112SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:25:51 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.43    | 2.47    | 3.97    | 3.29       | 23.05   | ppb   |
| Antimony   | 121-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.39   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.37   | -0.37   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.05    | 0.09    | 0.42    | 0.19       | 108.56  | ppb   |
| Boron      | 11-1  | -0.10   | -0.02   | -0.13   | -0.08      |         | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.54   | 0.07    | -0.02   | -0.16      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -0.75   | -0.90   | 2.14    | 0.16       | 1056.77 | ppb   |
| Calcium    | 44-1  | -0.51   | -1.85   | -0.56   | -0.97      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.01    | -0.05   | -0.10   | -0.05      |         | ppb   |
| Iron       | 57-2  | -0.43   | 0.00    | 0.11    | -0.11      |         | ppb   |
| Lead       | 206-1 | 496.58  | 484.17  | 484.33  | 488.36     | 1.46    | ppb   |
| Lead       | 207-1 | 490.56  | 479.29  | 478.46  | 482.77     | 1.40    | ppb   |
| Lead       | 208-1 | 503.34  | 490.66  | 491.92  | 495.31     | 1.41    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.54   | -0.48   | -0.45   | -0.49      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 593.56  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:25:51 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -5.02   | -3.09   | -3.88   | -4.00      |         | ppb   |
| Potassium  | 39-2  | -5.76   | -4.63   | -3.13   | -4.51      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.56    | -0.21   | -0.04      |         | ppb   |
| Selenium   | 78-2  | 0.26    | -0.01   | 0.11    | 0.12       | 117.00  | ppb   |
| Selenium   | 82-1  | 0.24    | 0.21    | -0.02   | 0.14       | 101.94  | ppb   |
| Silicon    | 28-1  | -8.00   | -11.64  | -9.77   | -9.80      |         | 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  | 2.23    | 3.16    | 4.85    | 3.41       | 38.97   | ppb   |
| Strontium  | 86-1  | -0.12   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 908.05  | 232.65  | 488.23  | 542.98     | 62.80   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.05    | 0.01    | 0.03       | 74.41   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.65   | -0.68   | -0.62   | -0.65      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:25:51 | DataFile Name :   | 113SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-01 Instrumnet Name : P7  
 Client Sample ID : DC24728-01-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:29:18 DataFile Name : 114SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 59.13   | 121.17  | 64.54   | 81.61      | 42.11   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 15.03   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.21    | 0.28    | 0.24       | 17.13   | ppb   |
| Barium     | 135-1 | 13.51   | 13.28   | 13.45   | 13.41      | 0.92    | ppb   |
| Barium     | 137-1 | 13.57   | 13.19   | 13.47   | 13.41      | 1.47    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.47    | 4.14    | 4.13    | 4.25       | 4.52    | ppb   |
| Boron      | 11-1  | 4.20    | 4.25    | 3.90    | 4.12       | 4.65    | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.03    | 0.01    | 0.03       | 46.11   | ppb   |
| Cadmium    | 106-1 | 0.59    | 0.40    | 0.37    | 0.45       | 25.69   | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.12    | 0.07    | 0.10       | 24.13   | ppb   |
| Calcium    | 43-1  | 5461.99 | 5618.33 | 5526.40 | 5535.57    | 1.42    | ppb   |
| Calcium    | 44-1  | 5607.92 | 5621.41 | 5599.86 | 5609.73    | 0.19    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.06    | 0.06    | 0.06       | 5.11    | ppb   |
| Copper     | 63-2  | 108.49  | 105.51  | 107.46  | 107.15     | 1.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.52   | 32.02   | 24.98   | 28.17      | 12.65   | ppb   |
| Iron       | 57-2  | 31.86   | 27.24   | 29.37   | 29.49      | 7.84    | ppb   |
| Lead       | 206-1 | 0.63    | 0.61    | 0.63    | 0.62       | 1.53    | ppb   |
| Lead       | 207-1 | 0.57    | 0.59    | 0.55    | 0.57       | 3.91    | ppb   |
| Lead       | 208-1 | 0.59    | 0.60    | 0.59    | 0.59       | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1144.67 | 1104.96 | 1129.17 | 1126.26    | 1.78    | ppb   |
| Manganese  | 55-2  | 10.69   | 10.64   | 10.69   | 10.67      | 0.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-01-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:29:18 | DataFile Name :   | 114SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01    | 0.00    | 0.00       | 25.07   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.31     | 5.00    | 5.28    | 5.19       | 3.25    | ppb   |
| Phosphorus | 31-2  | 599.78   | 574.14  | 589.26  | 587.73     | 2.19    | ppb   |
| Potassium  | 39-2  | 426.87   | 420.32  | 426.57  | 424.59     | 0.87    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.03     | 0.27    | 0.29    | 0.20       | 73.45   | ppb   |
| Selenium   | 78-2  | -0.20    | 0.19    | -0.78   | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.71     | 0.52    | 0.76    | 0.67       | 19.40   | ppb   |
| Silicon    | 28-1  | 975.00   | 1001.55 | 970.76  | 982.44     | 1.70    | ppb   |
| Silver     | 109-1 | 0.02     | 0.01    | 0.01    | 0.01       | 37.57   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 26.12   | ppb   |
| Sodium     | 23-2  | 10033.55 | 9688.38 | 9890.43 | 9870.79    | 1.76    | ppb   |
| Strontium  | 86-1  | 17.14    | 16.47   | 17.43   | 17.01      | 2.90    | ppb   |
| Strontium  | 88-1  | 17.54    | 17.24   | 17.54   | 17.44      | 0.99    | ppb   |
| Sulfur     | 34-1  | 1449.39  | 1455.39 | 1380.08 | 1428.29    | 2.93    | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.01    | 0.00       | 102.55  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 8.39    | ppb   |
| Tin        | 118-1 | -0.02    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 1.66     | 0.40    | 0.36    | 0.81       | 91.85   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05    | 0.04    | 0.05       | 23.43   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 429.87   | 420.19  | 425.21  | 425.09     | 1.14    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02    | 0.02    | 0.02       | 9.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-01-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:29:18 | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.06    | 0.04       | 51.18   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-02 Instrumnet Name : P7  
 Client Sample ID : DC24728-02-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:32:44 DataFile Name : 115SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.09    | 7.99    | 7.42    | 7.17       | 13.63   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 18.56   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.23    | 0.25    | 0.23       | 8.01    | ppb   |
| Barium     | 135-1 | 14.88   | 15.05   | 15.16   | 15.03      | 0.92    | ppb   |
| Barium     | 137-1 | 14.94   | 14.85   | 14.77   | 14.85      | 0.56    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.48    | 4.41    | 4.18    | 4.03       | 11.99   | ppb   |
| Boron      | 11-1  | 3.66    | 3.80    | 3.80    | 3.75       | 2.13    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.60   | -0.25   | -0.69   | -0.51      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.07    | 0.01    | 0.05       | 68.17   | ppb   |
| Calcium    | 43-1  | 5452.00 | 5622.60 | 5293.96 | 5456.19    | 3.01    | ppb   |
| Calcium    | 44-1  | 5449.59 | 5626.79 | 5335.89 | 5470.76    | 2.68    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 95.75   | 93.37   | 90.94   | 93.35      | 2.57    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 37.14   | 38.14   | 35.84   | 37.04      | 3.11    | ppb   |
| Iron       | 57-2  | 39.35   | 44.31   | 41.58   | 41.75      | 5.95    | ppb   |
| Lead       | 206-1 | 0.08    | 0.09    | 0.11    | 0.09       | 18.02   | ppb   |
| Lead       | 207-1 | 0.08    | 0.10    | 0.07    | 0.08       | 14.16   | ppb   |
| Lead       | 208-1 | 0.07    | 0.08    | 0.08    | 0.08       | 5.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1131.71 | 1120.87 | 1075.57 | 1109.38    | 2.68    | ppb   |
| Manganese  | 55-2  | 8.33    | 8.14    | 7.97    | 8.15       | 2.25    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-02 Instrumnet Name : P7  
 Client Sample ID : DC24728-02-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:32:44 DataFile Name : 115SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.06     | 0.00    | 0.02       | 132.74  | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.03    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.47     | 0.40     | 0.46    | 0.45       | 8.67    | ppb   |
| Phosphorus | 31-2  | 705.25   | 668.18   | 651.61  | 675.01     | 4.07    | ppb   |
| Potassium  | 39-2  | 438.65   | 430.46   | 409.18  | 426.10     | 3.57    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.02     | -0.22    | -0.22   | -0.14      |         | ppb   |
| Selenium   | 78-2  | 0.13     | -0.25    | -0.06   | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.29     | 0.60     | 0.97    | 0.62       | 55.09   | ppb   |
| Silicon    | 28-1  | 949.22   | 970.74   | 959.63  | 959.86     | 1.12    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01    | 0.01       | 1.00    | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.01    | 0.00       | 9.55    | ppb   |
| Sodium     | 23-2  | 10316.29 | 10127.71 | 9795.56 | 10079.85   | 2.62    | ppb   |
| Strontium  | 86-1  | 17.96    | 17.82    | 17.44   | 17.74      | 1.50    | ppb   |
| Strontium  | 88-1  | 18.08    | 18.33    | 17.90   | 18.10      | 1.20    | ppb   |
| Sulfur     | 34-1  | 983.34   | 1198.41  | 722.60  | 968.12     | 24.61   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.08    | -0.09    | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.50     | 0.51     | 0.45    | 0.49       | 7.05    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.05    | 0.05       | 9.11    | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 13.63    | 13.61    | 12.91   | 13.38      | 3.05    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01    | 0.01       | 11.52   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-02-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:32:44 | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 44.38   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-03-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:36:09 DataFile Name : 116SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.06   | 26.45   | 28.63   | 26.05      | 10.78   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 10.34   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.32    | 0.23    | 0.28       | 15.05   | ppb   |
| Barium     | 135-1 | 14.05   | 13.89   | 13.17   | 13.71      | 3.42    | ppb   |
| Barium     | 137-1 | 13.82   | 13.52   | 13.16   | 13.50      | 2.43    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.88    | 3.95    | 3.96    | 3.93       | 1.11    | ppb   |
| Boron      | 11-1  | 3.80    | 3.95    | 4.01    | 3.92       | 2.74    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.05   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.27   | -0.76   | 0.14    | -0.29      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.04    | 0.08    | 0.08       | 39.34   | ppb   |
| Calcium    | 43-1  | 5273.32 | 5505.88 | 4888.46 | 5222.55    | 5.97    | ppb   |
| Calcium    | 44-1  | 5344.62 | 5583.56 | 5002.56 | 5310.25    | 5.50    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.02    | 0.02    | 0.03       | 19.11   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 7.94    | ppb   |
| Copper     | 63-2  | 103.14  | 102.68  | 101.86  | 102.56     | 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  | 20.48   | 20.22   | 20.08   | 20.26      | 1.01    | ppb   |
| Iron       | 57-2  | 27.47   | 25.77   | 24.85   | 26.03      | 5.10    | ppb   |
| Lead       | 206-1 | 0.57    | 0.56    | 0.49    | 0.54       | 7.89    | ppb   |
| Lead       | 207-1 | 0.53    | 0.52    | 0.47    | 0.51       | 5.50    | ppb   |
| Lead       | 208-1 | 0.55    | 0.54    | 0.49    | 0.53       | 6.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.20 | 1094.20 | 1097.01 | 1096.47    | 0.19    | ppb   |
| Manganese  | 55-2  | 10.68   | 10.46   | 10.39   | 10.51      | 1.46    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-03-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:36:09 DataFile Name : 116SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 64.76   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.60    | 3.53    | 3.32    | 3.48       | 4.14    | ppb   |
| Phosphorus | 31-2  | 546.26  | 579.19  | 619.38  | 581.61     | 6.30    | ppb   |
| Potassium  | 39-2  | 410.47  | 420.19  | 409.72  | 413.46     | 1.41    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.26    | -0.22   | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.22   | -0.69   | -0.29   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.99    | 1.00    | -0.02   | 0.66       | 89.42   | ppb   |
| Silicon    | 28-1  | 951.31  | 988.74  | 882.53  | 940.86     | 5.73    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 339.60  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 185.64  | ppb   |
| Sodium     | 23-2  | 9893.98 | 9910.97 | 9832.24 | 9879.06    | 0.42    | ppb   |
| Strontium  | 86-1  | 17.64   | 17.67   | 16.66   | 17.32      | 3.32    | ppb   |
| Strontium  | 88-1  | 17.79   | 18.16   | 17.03   | 17.66      | 3.27    | ppb   |
| Sulfur     | 34-1  | 562.76  | 1170.18 | 44.61   | 592.51     | 95.08   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 46.98   | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.40    | 0.40    | 0.34    | 0.38       | 8.87    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.04    | 0.05       | 9.87    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 445.25  | 441.23  | 439.32  | 441.93     | 0.69    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.03    | 0.02       | 34.21   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-03-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:36:09 | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 18.95   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-04 Instrumnet Name : P7  
 Client Sample ID : DC24728-04-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:39:34 DataFile Name : 117SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.60   | 32.12   | 7.10    | 17.94      | 71.56   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 7.37    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.21    | 0.25    | 0.24       | 11.09   | ppb   |
| Barium     | 135-1 | 14.33   | 14.75   | 14.56   | 14.55      | 1.44    | ppb   |
| Barium     | 137-1 | 15.12   | 15.28   | 14.61   | 15.00      | 2.33    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.48    | 3.75    | 3.59    | 3.61       | 3.76    | ppb   |
| Boron      | 11-1  | 3.60    | 3.58    | 4.02    | 3.73       | 6.66    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.01   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.28    | -0.08   | -0.50   | -0.10      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.03   | 0.01    | 0.01       | 392.80  | ppb   |
| Calcium    | 43-1  | 5263.70 | 5227.96 | 5186.49 | 5226.05    | 0.74    | ppb   |
| Calcium    | 44-1  | 5347.98 | 5295.75 | 5244.21 | 5295.98    | 0.98    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 95.01   | 96.63   | 97.30   | 96.31      | 1.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 36.06   | 35.48   | 35.23   | 35.59      | 1.20    | ppb   |
| Iron       | 57-2  | 39.73   | 39.00   | 46.31   | 41.68      | 9.66    | ppb   |
| Lead       | 206-1 | 0.09    | 0.09    | 0.08    | 0.09       | 8.11    | ppb   |
| Lead       | 207-1 | 0.09    | 0.10    | 0.07    | 0.09       | 14.25   | ppb   |
| Lead       | 208-1 | 0.08    | 0.08    | 0.07    | 0.08       | 10.05   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1114.67 | 1125.61 | 1123.72 | 1121.34    | 0.52    | ppb   |
| Manganese  | 55-2  | 7.55    | 7.55    | 8.70    | 7.93       | 8.38    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-04 Instrumnet Name : P7  
 Client Sample ID : DC24728-04-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:39:34 DataFile Name : 117SMPL.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  | -0.02    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.18     | 0.22     | 0.24     | 0.21       | 13.23   | ppb   |
| Phosphorus | 31-2  | 695.16   | 704.12   | 646.00   | 681.76     | 4.59    | ppb   |
| Potassium  | 39-2  | 422.51   | 430.18   | 437.06   | 429.92     | 1.69    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.21    | -0.46    | 0.03     | -0.22      |         | ppb   |
| Selenium   | 78-2  | -0.49    | -0.28    | -0.54    | -0.44      |         | ppb   |
| Selenium   | 82-1  | 1.17     | 0.86     | 0.77     | 0.93       | 22.53   | ppb   |
| Silicon    | 28-1  | 918.06   | 923.86   | 938.16   | 926.69     | 1.12    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.01     | 0.01       | 59.42   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.00     | 0.01       | 51.99   | ppb   |
| Sodium     | 23-2  | 10065.68 | 10144.36 | 10169.10 | 10126.38   | 0.53    | ppb   |
| Strontium  | 86-1  | 17.40    | 17.71    | 17.37    | 17.49      | 1.10    | ppb   |
| Strontium  | 88-1  | 17.81    | 17.89    | 17.70    | 17.80      | 0.55    | ppb   |
| Sulfur     | 34-1  | 532.21   | 506.47   | 359.84   | 466.17     | 19.95   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 3673.70 | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.49     | 0.38     | 0.43     | 0.43       | 12.43   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.06     | 0.06       | 5.71    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11.23    | 11.28    | 11.40    | 11.30      | 0.79    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 14.19   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-04-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:39:34 | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 3.28    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-05-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:43:00  | DataFile Name :   | 118SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.78    | 6.97    | 6.45    | 7.73       | 23.16   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.03    | 0.04       | 28.38   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.25    | 0.23    | 0.24       | 5.66    | ppb   |
| Barium     | 135-1 | 14.45   | 14.04   | 13.75   | 14.08      | 2.49    | ppb   |
| Barium     | 137-1 | 14.16   | 13.66   | 13.69   | 13.83      | 2.02    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.77    | 4.05    | 3.64    | 3.82       | 5.43    | ppb   |
| Boron      | 11-1  | 3.57    | 3.58    | 3.35    | 3.50       | 3.78    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.01   | -0.02   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.62   | -0.01   | -0.05   | -0.23      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.08    | 0.03    | 0.03       | 170.59  | ppb   |
| Calcium    | 43-1  | 5383.39 | 5219.48 | 4989.27 | 5197.38    | 3.81    | ppb   |
| Calcium    | 44-1  | 5404.88 | 5258.98 | 5047.47 | 5237.11    | 3.43    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.08   | -0.05   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 209.45  | 214.32  | 209.76  | 211.18     | 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  | 30.81   | 31.26   | 28.43   | 30.17      | 5.03    | ppb   |
| Iron       | 57-2  | 32.28   | 33.60   | 31.09   | 32.33      | 3.89    | ppb   |
| Lead       | 206-1 | 0.15    | 0.15    | 0.10    | 0.13       | 20.17   | ppb   |
| Lead       | 207-1 | 0.15    | 0.11    | 0.12    | 0.13       | 15.61   | ppb   |
| Lead       | 208-1 | 0.14    | 0.14    | 0.11    | 0.13       | 11.33   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1099.60 | 1135.77 | 1105.40 | 1113.59    | 1.74    | ppb   |
| Manganese  | 55-2  | 12.57   | 12.43   | 12.25   | 12.42      | 1.29    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-05-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:43:00  | DataFile Name :   | 118SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00     | 0.01     | 0.01       | 102.21  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.28    | 0.26     | 0.27     | 0.27       | 2.84    | ppb   |
| Phosphorus | 31-2  | 550.21  | 605.56   | 597.50   | 584.42     | 5.12    | ppb   |
| Potassium  | 39-2  | 422.31  | 432.98   | 428.77   | 428.02     | 1.26    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.22   | 0.52     | -0.46    | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.72   | 0.18     | -0.52    | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.76    | 0.55     | 0.82     | 0.71       | 20.29   | ppb   |
| Silicon    | 28-1  | 951.18  | 931.20   | 886.46   | 922.94     | 3.59    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00     | 0.00       | 7.04    | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00     | 0.00       | 507.79  | ppb   |
| Sodium     | 23-2  | 9943.85 | 10145.69 | 10084.08 | 10057.87   | 1.03    | ppb   |
| Strontium  | 86-1  | 17.28   | 17.08    | 16.50    | 16.95      | 2.40    | ppb   |
| Strontium  | 88-1  | 17.69   | 17.16    | 17.08    | 17.31      | 1.90    | ppb   |
| Sulfur     | 34-1  | 526.43  | 230.55   | -114.80  | 214.06     | 149.92  | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00     | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00     | 0.00       | 820.09  | ppb   |
| Tin        | 118-1 | -0.08   | -0.08    | -0.09    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.48    | 0.37     | 0.42     | 0.42       | 12.69   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06     | 0.05     | 0.05       | 8.30    | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 12.55   | 13.45    | 13.20    | 13.07      | 3.55    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02     | 0.01     | 0.01       | 32.85   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-05-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:43:00  | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.01    | 0.02       | 24.80   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-06 Instrumnet Name : P7  
 Client Sample ID : DC24728-06-BS-H-W4-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:46:26 DataFile Name : 119SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.08   | 20.28   | 9.41    | 13.93      | 40.67   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 6.93    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.22    | 0.22    | 0.22       | 2.69    | ppb   |
| Barium     | 135-1 | 14.26   | 14.17   | 14.08   | 14.17      | 0.61    | ppb   |
| Barium     | 137-1 | 13.98   | 13.81   | 14.07   | 13.95      | 0.94    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.37    | 3.78    | 3.31    | 3.49       | 7.38    | ppb   |
| Boron      | 11-1  | 3.36    | 3.55    | 3.64    | 3.52       | 4.03    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.11   | -0.08   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.92   | -1.24   | -0.80   | -0.99      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.03    | 0.04    | 0.02       | 200.20  | ppb   |
| Calcium    | 43-1  | 5276.31 | 5210.66 | 5267.61 | 5251.53    | 0.68    | ppb   |
| Calcium    | 44-1  | 5338.76 | 5295.08 | 5372.43 | 5335.42    | 0.73    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.02   | -0.08   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 230.25  | 221.32  | 210.80  | 220.79     | 4.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 32.20   | 31.63   | 30.35   | 31.39      | 3.02    | ppb   |
| Iron       | 57-2  | 37.62   | 35.93   | 32.06   | 35.20      | 8.10    | ppb   |
| Lead       | 206-1 | 0.23    | 0.24    | 0.24    | 0.24       | 2.37    | ppb   |
| Lead       | 207-1 | 0.21    | 0.21    | 0.20    | 0.21       | 4.02    | ppb   |
| Lead       | 208-1 | 0.21    | 0.22    | 0.21    | 0.22       | 2.72    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1147.73 | 1094.77 | 1055.32 | 1099.27    | 4.22    | ppb   |
| Manganese  | 55-2  | 13.94   | 12.92   | 13.15   | 13.33      | 4.01    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-06-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:46:26  | DataFile Name :   | 119SMPL.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  | -0.01    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.34     | 0.30    | 0.33    | 0.32       | 6.71    | ppb   |
| Phosphorus | 31-2  | 576.47   | 535.40  | 532.39  | 548.09     | 4.49    | ppb   |
| Potassium  | 39-2  | 441.04   | 418.66  | 389.83  | 416.51     | 6.16    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.03     | -0.22   | -0.23   | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.38    | 0.03    | -0.65   | -0.33      |         | ppb   |
| Selenium   | 82-1  | 1.11     | 0.62    | 1.18    | 0.97       | 31.30   | ppb   |
| Silicon    | 28-1  | 925.64   | 953.41  | 952.90  | 943.98     | 1.68    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 417.82  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 45.43   | ppb   |
| Sodium     | 23-2  | 10360.64 | 9878.16 | 9523.86 | 9920.89    | 4.23    | ppb   |
| Strontium  | 86-1  | 17.18    | 17.36   | 17.40   | 17.31      | 0.67    | ppb   |
| Strontium  | 88-1  | 17.40    | 17.66   | 17.62   | 17.56      | 0.79    | ppb   |
| Sulfur     | 34-1  | 209.89   | 193.97  | 444.51  | 282.79     | 49.61   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.10    | -0.08   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.36     | 0.39    | 0.53    | 0.43       | 21.41   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07    | 0.04    | 0.06       | 23.54   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 16.66    | 16.45   | 15.95   | 16.35      | 2.24    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02    | 0.01    | 0.01       | 39.84   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-06-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:46:26  | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.01    | 0.01       | 33.10   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-07 Instrumnet Name : P7  
 Client Sample ID : DC24728-07-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:49:51 DataFile Name : 120SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.82   | 14.22   | 13.37   | 14.13      | 5.16    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 5.47    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.29    | 0.27    | 0.25       | 20.69   | ppb   |
| Barium     | 135-1 | 15.17   | 15.39   | 15.29   | 15.28      | 0.70    | ppb   |
| Barium     | 137-1 | 14.71   | 15.08   | 15.25   | 15.01      | 1.84    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.45    | 4.17    | 3.87    | 3.83       | 9.49    | ppb   |
| Boron      | 11-1  | 3.85    | 3.93    | 3.87    | 3.88       | 1.04    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.03    | -0.59   | -0.36   | -0.31      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.01    | -0.02   | 0.05       | 189.41  | ppb   |
| Calcium    | 43-1  | 5196.90 | 5289.25 | 5303.03 | 5263.06    | 1.10    | ppb   |
| Calcium    | 44-1  | 5273.50 | 5373.95 | 5362.18 | 5336.54    | 1.03    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 22.98   | ppb   |
| Copper     | 63-2  | 224.71  | 235.66  | 230.23  | 230.20     | 2.38    | 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  | 23.62   | 26.05   | 22.61   | 24.09      | 7.34    | ppb   |
| Iron       | 57-2  | 25.75   | 28.07   | 27.85   | 27.22      | 4.70    | ppb   |
| Lead       | 206-1 | 1.61    | 1.65    | 1.68    | 1.65       | 2.06    | ppb   |
| Lead       | 207-1 | 1.49    | 1.52    | 1.53    | 1.51       | 1.62    | ppb   |
| Lead       | 208-1 | 1.57    | 1.60    | 1.62    | 1.60       | 1.56    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1075.26 | 1112.66 | 1103.49 | 1097.14    | 1.78    | ppb   |
| Manganese  | 55-2  | 14.02   | 13.90   | 13.99   | 13.97      | 0.42    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-07 Instrumnet Name : P7  
 Client Sample ID : DC24728-07-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:49:51 DataFile Name : 120SMPL.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  | -0.02   | -0.02    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 1.54    | 1.74     | 1.64    | 1.64       | 6.17    | ppb   |
| Phosphorus | 31-2  | 575.11  | 627.60   | 627.34  | 610.02     | 4.96    | ppb   |
| Potassium  | 39-2  | 405.88  | 433.61   | 427.09  | 422.19     | 3.43    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.22    | -0.46   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.88   | 0.05     | 0.28    | -0.19      |         | ppb   |
| Selenium   | 82-1  | 0.58    | 1.00     | 1.58    | 1.05       | 47.73   | ppb   |
| Silicon    | 28-1  | 935.94  | 967.23   | 955.21  | 952.79     | 1.66    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00     | 0.01    | 0.01       | 37.88   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01     | 0.01    | 0.01       | 19.67   | ppb   |
| Sodium     | 23-2  | 9815.33 | 10254.53 | 9906.76 | 9992.21    | 2.32    | ppb   |
| Strontium  | 86-1  | 17.19   | 17.09    | 17.10   | 17.13      | 0.34    | ppb   |
| Strontium  | 88-1  | 17.43   | 17.56    | 17.62   | 17.54      | 0.56    | ppb   |
| Sulfur     | 34-1  | 271.23  | 716.07   | 564.60  | 517.30     | 43.72   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.01    | 0.00       | 192.10  | ppb   |
| Tin        | 118-1 | 0.04    | 0.03     | 0.05    | 0.04       | 26.12   | ppb   |
| Titanium   | 47-1  | 0.41    | 0.40     | 0.48    | 0.43       | 9.88    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05     | 0.05    | 0.06       | 10.07   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 173.75  | 182.57   | 177.69  | 178.00     | 2.48    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00     | 0.01    | 0.00       | 52.80   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:49:51   | DataFile Name :   | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.02    | 0.01       | 73.22   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-08 Instrumnet Name : P7  
 Client Sample ID : DC24728-08-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:53:17 DataFile Name : 121SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.54   | 7.61    | 13.19   | 12.11      | 33.64   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 15.44   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.28    | 0.26    | 0.25       | 13.55   | ppb   |
| Barium     | 135-1 | 15.60   | 15.16   | 16.04   | 15.60      | 2.82    | ppb   |
| Barium     | 137-1 | 15.35   | 15.61   | 15.93   | 15.63      | 1.87    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.43    | 3.93    | 4.13    | 3.83       | 9.40    | ppb   |
| Boron      | 11-1  | 3.50    | 3.74    | 4.16    | 3.80       | 8.87    | ppb   |
| Cadmium    | 111-1 | 0.05    | -0.03   | -0.01   | 0.00       | 2585.37 | ppb   |
| Cadmium    | 106-1 | 0.71    | -0.30   | 0.00    | 0.14       | 372.62  | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5304.58 | 5266.37 | 5596.82 | 5389.26    | 3.35    | ppb   |
| Calcium    | 44-1  | 5426.02 | 5283.65 | 5668.00 | 5459.22    | 3.56    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 128.75  | 130.51  | 131.36  | 130.21     | 1.03    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.41   | 24.99   | 23.15   | 24.19      | 3.88    | ppb   |
| Iron       | 57-2  | 27.94   | 28.15   | 29.09   | 28.39      | 2.15    | ppb   |
| Lead       | 206-1 | 0.12    | 0.13    | 0.17    | 0.14       | 16.13   | ppb   |
| Lead       | 207-1 | 0.13    | 0.09    | 0.14    | 0.12       | 20.13   | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.15    | 0.13       | 14.12   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.13 | 1109.71 | 1123.51 | 1110.45    | 1.14    | ppb   |
| Manganese  | 55-2  | 8.80    | 9.08    | 9.27    | 9.05       | 2.61    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:53:17   | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01    | 0.00     | 0.00       | 415.17  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.21    | 0.21     | 0.22     | 0.21       | 1.03    | ppb   |
| Phosphorus | 31-2  | 672.97  | 647.39   | 667.88   | 662.75     | 2.04    | ppb   |
| Potassium  | 39-2  | 420.67  | 433.59   | 442.38   | 432.21     | 2.53    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.22    | -0.46    | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.33   | 0.28     | -0.26    | -0.10      |         | ppb   |
| Selenium   | 82-1  | 1.11    | 1.06     | 1.68     | 1.28       | 26.97   | ppb   |
| Silicon    | 28-1  | 940.97  | 920.74   | 988.71   | 950.14     | 3.67    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01     | 0.01     | 0.01       | 30.07   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01     | 0.01     | 0.01       | 33.08   | ppb   |
| Sodium     | 23-2  | 9950.78 | 10092.26 | 10244.11 | 10095.71   | 1.45    | ppb   |
| Strontium  | 86-1  | 18.13   | 17.39    | 18.38    | 17.97      | 2.88    | ppb   |
| Strontium  | 88-1  | 18.34   | 17.73    | 18.81    | 18.29      | 2.95    | ppb   |
| Sulfur     | 34-1  | 960.23  | 939.99   | 1554.02  | 1151.41    | 30.29   | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00     | 0.00       | 55.41   | ppb   |
| Tin        | 118-1 | -0.10   | -0.11    | -0.09    | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.46    | 0.40     | 0.39     | 0.42       | 8.83    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.05     | 0.04     | 0.05       | 27.67   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 6.25    | 6.35     | 6.30     | 6.30       | 0.79    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00     | 0.00     | 0.01       | 160.17  | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:53:17   | DataFile Name :   | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.02    | 0.01       | 120.64  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:56:43 | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.84    | 2.90    | 2.82    | 2.85       | 1.41    | ppb   |
| Antimony   | 121-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.07   | -0.04   | -0.03   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.40   | -0.41   | -0.41      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.36   | -0.36   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.53    | 0.69    | 0.44    | 0.55       | 23.19   | ppb   |
| Boron      | 11-1  | 0.32    | 0.14    | 0.16    | 0.20       | 47.63   | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.10    | -0.01   | 0.04       | 149.77  | ppb   |
| Cadmium    | 106-1 | 0.42    | 1.43    | 0.08    | 0.65       | 108.44  | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.05   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -0.07   | -1.33   | 1.35    | -0.02      |         | ppb   |
| Calcium    | 44-1  | -2.79   | -1.48   | -2.54   | -2.27      |         | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.00    | 0.04    | 0.02       | 99.98   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.09    | -0.04   | 0.07    | 0.04       | 164.94  | ppb   |
| Iron       | 57-2  | 1.25    | 0.05    | 0.41    | 0.57       | 108.17  | ppb   |
| Lead       | 206-1 | 482.97  | 476.01  | 490.77  | 483.25     | 1.53    | ppb   |
| Lead       | 207-1 | 476.57  | 472.91  | 481.27  | 476.92     | 0.88    | ppb   |
| Lead       | 208-1 | 487.91  | 483.94  | 491.70  | 487.85     | 0.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.31   | -0.44   | -0.52   | -0.42      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:56:43 | DataFile Name :   | 122SMPL.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  | -0.02   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 1.34    | 8.76    | -1.35   | 2.92       | 179.47  | ppb   |
| Potassium  | 39-2  | 0.86    | 0.02    | 4.32    | 1.73       | 131.46  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.20   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.04    | -0.72   | -0.59   | -0.42      |         | ppb   |
| Selenium   | 82-1  | 0.48    | 1.24    | 0.16    | 0.63       | 88.83   | ppb   |
| Silicon    | 28-1  | -10.83  | -7.98   | -9.68   | -9.50      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 60.79   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 6.44    | 6.59    | 5.86    | 6.30       | 6.15    | ppb   |
| Strontium  | 86-1  | -0.05   | -0.04   | -0.10   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 299.75  | 816.23  | 416.24  | 510.74     | 53.04   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.01    | 0.00       | 69.30   | ppb   |
| Tin        | 118-1 | -0.07   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.66   | -0.74   | -0.71   | -0.70      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:56:43 | DataFile Name :   | 122SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:00:09 | DataFile Name :   | 123SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.17   | -0.07   | 0.15    | -0.03      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.40   | -0.40   | -0.41      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.38   | -0.37   | -0.38      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.01   | 0.01    | 0.02    | 0.01       | 232.48  | ppb   |
| Boron      | 11-1  | 0.02    | -0.06   | -0.04   | -0.03      |         | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.11    | 0.02    | 0.05       | 105.02  | ppb   |
| Cadmium    | 106-1 | 0.46    | 1.58    | 0.48    | 0.84       | 76.03   | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.02   | 0.05    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -2.31   | -1.99   | -3.38   | -2.56      |         | ppb   |
| Calcium    | 44-1  | -4.34   | -4.53   | -3.73   | -4.20      |         | ppb   |
| Chromium   | 52-2  | -0.06   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | -0.51   | -0.55   | -0.50   | -0.52      |         | ppb   |
| Iron       | 57-2  | -1.22   | -0.56   | -0.60   | -0.79      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.60   | -0.48   | -0.36   | -0.48      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:00:09 | DataFile Name :   | 123SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -0.30   | -8.53   | -8.71   | -5.85      |         | ppb   |
| Potassium  | 39-2  | -6.67   | -6.22   | -8.33   | -7.07      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | 0.05    | 0.57    | 0.05       | 985.11  | ppb   |
| Selenium   | 78-2  | -0.66   | -0.41   | 0.26    | -0.27      |         | ppb   |
| Selenium   | 82-1  | 0.45    | 0.89    | -0.61   | 0.24       | 318.36  | ppb   |
| Silicon    | 28-1  | -12.13  | -12.14  | -10.76  | -11.68     |         | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 3.62    | 2.45    | 1.06    | 2.38       | 54.00   | ppb   |
| Strontium  | 86-1  | -0.04   | -0.06   | -0.13   | -0.08      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 604.14  | 491.58  | 682.95  | 592.89     | 16.22   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.01    | 0.03    | 0.01       | 114.79  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.76   | -0.82   | -0.83   | -0.80      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:00:09 | DataFile Name :   | 123SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-09 Instrumnet Name : P7  
 Client Sample ID : DC24728-09-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:03:35 DataFile Name : 124SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 76.66   | 74.29   | 73.12   | 74.69      | 2.41    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 6.28    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.18    | 0.23    | 0.21       | 10.38   | ppb   |
| Barium     | 135-1 | 14.83   | 14.67   | 14.67   | 14.72      | 0.63    | ppb   |
| Barium     | 137-1 | 15.08   | 14.59   | 14.67   | 14.78      | 1.77    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.50    | 3.72    | 4.29    | 3.84       | 10.54   | ppb   |
| Boron      | 11-1  | 3.97    | 3.81    | 3.92    | 3.90       | 2.02    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.02    | 0.00    | 0.01       | 212.87  | ppb   |
| Cadmium    | 106-1 | 0.06    | 0.30    | 0.03    | 0.13       | 110.58  | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.05    | 0.13    | 0.09       | 40.81   | ppb   |
| Calcium    | 43-1  | 5381.22 | 5423.23 | 5484.73 | 5429.73    | 0.96    | ppb   |
| Calcium    | 44-1  | 5486.82 | 5477.65 | 5568.36 | 5510.94    | 0.91    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 6.14    | ppb   |
| Copper     | 63-2  | 159.10  | 157.85  | 160.50  | 159.15     | 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  | 28.95   | 35.04   | 29.43   | 31.14      | 10.86   | ppb   |
| Iron       | 57-2  | 41.55   | 38.28   | 32.84   | 37.56      | 11.72   | ppb   |
| Lead       | 206-1 | 1.84    | 1.76    | 1.82    | 1.81       | 2.46    | ppb   |
| Lead       | 207-1 | 1.71    | 1.66    | 1.76    | 1.71       | 2.99    | ppb   |
| Lead       | 208-1 | 1.79    | 1.71    | 1.78    | 1.76       | 2.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1120.02 | 1122.80 | 1126.23 | 1123.01    | 0.28    | ppb   |
| Manganese  | 55-2  | 11.70   | 12.17   | 11.60   | 11.82      | 2.58    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-09-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:03:35  | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.01     | 0.01       | 12.84   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.03    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.75     | 0.63     | 0.66     | 0.68       | 9.24    | ppb   |
| Phosphorus | 31-2  | 581.73   | 552.59   | 627.31   | 587.21     | 6.41    | ppb   |
| Potassium  | 39-2  | 441.66   | 438.19   | 449.43   | 443.09     | 1.30    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.02     | -0.22    | -0.22    | -0.14      |         | ppb   |
| Selenium   | 78-2  | -0.16    | -0.10    | -0.40    | -0.22      |         | ppb   |
| Selenium   | 82-1  | 0.16     | 0.49     | 0.88     | 0.51       | 70.14   | ppb   |
| Silicon    | 28-1  | 968.74   | 995.45   | 981.53   | 981.91     | 1.36    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.02     | 0.02       | 25.06   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 9.27    | ppb   |
| Sodium     | 23-2  | 10227.67 | 10144.81 | 10273.57 | 10215.35   | 0.64    | ppb   |
| Strontium  | 86-1  | 17.32    | 17.06    | 17.34    | 17.24      | 0.93    | ppb   |
| Strontium  | 88-1  | 18.01    | 17.40    | 17.77    | 17.73      | 1.74    | ppb   |
| Sulfur     | 34-1  | 761.46   | 922.59   | 919.83   | 867.96     | 10.63   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.08   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.25   | ppb   |
| Tin        | 118-1 | 0.02     | 0.05     | 0.06     | 0.04       | 55.43   | ppb   |
| Titanium   | 47-1  | 0.55     | 0.42     | 0.48     | 0.48       | 13.85   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.07     | 0.05     | 0.05       | 22.71   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 320.54   | 319.21   | 326.14   | 321.97     | 1.14    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.02     | 0.02       | 3.38    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-09-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:03:35  | DataFile Name :   | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.04    | 0.04       | 16.39   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-10-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:07:01  | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.04    | 7.73    | 8.90    | 7.89       | 11.92   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.02    | 0.02       | 26.63   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.27    | 0.21    | 0.24       | 11.95   | ppb   |
| Barium     | 135-1 | 14.83   | 14.78   | 14.66   | 14.76      | 0.58    | ppb   |
| Barium     | 137-1 | 15.00   | 14.97   | 14.84   | 14.94      | 0.59    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.97    | 3.27    | 3.35    | 3.20       | 6.27    | ppb   |
| Boron      | 11-1  | 3.77    | 3.20    | 3.67    | 3.54       | 8.64    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.09   | -0.33   | -0.69   | -0.37      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.01    | -0.05   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5424.25 | 5240.19 | 5328.84 | 5331.09    | 1.73    | ppb   |
| Calcium    | 44-1  | 5487.36 | 5287.93 | 5434.35 | 5403.21    | 1.91    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 91.54   | 92.17   | 93.21   | 92.31      | 0.91    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 60.68   | 59.54   | 65.42   | 61.88      | 5.04    | ppb   |
| Iron       | 57-2  | 65.89   | 62.87   | 64.51   | 64.42      | 2.35    | ppb   |
| Lead       | 206-1 | 0.13    | 0.14    | 0.11    | 0.13       | 9.20    | ppb   |
| Lead       | 207-1 | 0.12    | 0.13    | 0.13    | 0.13       | 2.82    | ppb   |
| Lead       | 208-1 | 0.14    | 0.13    | 0.12    | 0.13       | 6.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1086.60 | 1101.50 | 1120.04 | 1102.71    | 1.52    | ppb   |
| Manganese  | 55-2  | 10.21   | 10.23   | 10.38   | 10.27      | 0.91    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-10-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:07:01  | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.01     | 0.00       | 243.79  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | 0.00    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.23    | 0.20    | 0.21     | 0.21       | 7.69    | ppb   |
| Phosphorus | 31-2  | 655.12  | 696.08  | 669.59   | 673.60     | 3.08    | ppb   |
| Potassium  | 39-2  | 418.32  | 422.73  | 432.90   | 424.65     | 1.76    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.22   | -0.21    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.08   | -0.42   | -0.91    | -0.47      |         | ppb   |
| Selenium   | 82-1  | 1.00    | 0.62    | 1.08     | 0.90       | 27.59   | ppb   |
| Silicon    | 28-1  | 945.55  | 919.30  | 933.63   | 932.83     | 1.41    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01     | 0.00       | 84.52   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00     | 0.00       | 180.60  | ppb   |
| Sodium     | 23-2  | 9973.92 | 9906.89 | 10122.88 | 10001.23   | 1.11    | ppb   |
| Strontium  | 86-1  | 17.76   | 17.14   | 17.55    | 17.48      | 1.80    | ppb   |
| Strontium  | 88-1  | 17.93   | 17.76   | 17.91    | 17.87      | 0.51    | ppb   |
| Sulfur     | 34-1  | 665.23  | 475.05  | 715.08   | 618.45     | 20.48   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.08    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.48    | 0.52    | 0.47     | 0.49       | 5.55    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.06     | 0.06       | 5.85    | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 10.60   | 10.32   | 10.59    | 10.50      | 1.50    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01     | 0.01       | 16.07   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-10-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:07:01  | DataFile Name :   | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.03    | 0.03       | 40.40   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-11 Instrumnet Name : P7  
 Client Sample ID : DC24728-11-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:10:27 DataFile Name : 126SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 46.47   | 43.66   | 42.82   | 44.32      | 4.32    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.03    | 0.04       | 17.50   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.20    | 0.27    | 0.24       | 15.27   | ppb   |
| Barium     | 135-1 | 15.32   | 15.14   | 14.67   | 15.05      | 2.23    | ppb   |
| Barium     | 137-1 | 14.97   | 14.91   | 14.49   | 14.79      | 1.79    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.90    | 3.34    | 4.38    | 3.87       | 13.46   | ppb   |
| Boron      | 11-1  | 3.91    | 3.53    | 3.62    | 3.69       | 5.31    | ppb   |
| Cadmium    | 111-1 | -0.07   | 0.01    | -0.04   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.83   | 0.01    | -0.48   | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.04    | 0.03    | 0.05       | 61.25   | ppb   |
| Calcium    | 43-1  | 5477.38 | 5569.07 | 5400.40 | 5482.28    | 1.54    | ppb   |
| Calcium    | 44-1  | 5562.61 | 5662.43 | 5483.93 | 5569.66    | 1.61    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 45.00   | ppb   |
| Copper     | 63-2  | 139.57  | 142.87  | 142.39  | 141.61     | 1.26    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.07   | 28.62   | 28.37   | 28.02      | 2.97    | ppb   |
| Iron       | 57-2  | 30.91   | 35.66   | 32.60   | 33.06      | 7.28    | ppb   |
| Lead       | 206-1 | 2.52    | 2.57    | 2.48    | 2.52       | 1.75    | ppb   |
| Lead       | 207-1 | 2.42    | 2.35    | 2.33    | 2.36       | 2.03    | ppb   |
| Lead       | 208-1 | 2.47    | 2.47    | 2.41    | 2.45       | 1.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1105.16 | 1128.95 | 1122.16 | 1118.76    | 1.10    | ppb   |
| Manganese  | 55-2  | 10.91   | 12.19   | 11.39   | 11.50      | 5.63    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-11-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:10:27  | DataFile Name :   | 126SMPL.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    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.06    | -0.01    | -0.01    | 0.01       | 305.31  | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.59    | 0.58     | 0.63     | 0.60       | 4.52    | ppb   |
| Phosphorus | 31-2  | 583.61  | 579.76   | 621.65   | 595.01     | 3.89    | ppb   |
| Potassium  | 39-2  | 461.77  | 477.00   | 476.13   | 471.63     | 1.81    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46    | -0.22    | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.13    | -0.04    | 0.36     | 0.15       | 131.88  | ppb   |
| Selenium   | 82-1  | 1.01    | 0.59     | 0.82     | 0.81       | 25.97   | ppb   |
| Silicon    | 28-1  | 966.27  | 1031.35  | 965.31   | 987.64     | 3.83    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02     | 0.01     | 0.02       | 21.74   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02     | 0.02     | 0.02       | 7.98    | ppb   |
| Sodium     | 23-2  | 9925.17 | 10039.55 | 10122.50 | 10029.07   | 0.99    | ppb   |
| Strontium  | 86-1  | 17.67   | 18.10    | 17.61    | 17.79      | 1.50    | ppb   |
| Strontium  | 88-1  | 18.08   | 18.21    | 17.67    | 17.99      | 1.57    | ppb   |
| Sulfur     | 34-1  | 645.60  | 906.67   | 620.50   | 724.26     | 21.88   | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01     | 0.00     | 0.00       | 41.20   | ppb   |
| Tin        | 118-1 | -0.06   | -0.06    | -0.04    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.38    | 0.52     | 0.42     | 0.44       | 16.65   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.07     | 0.04     | 0.06       | 21.45   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 259.48  | 264.59   | 266.31   | 263.46     | 1.35    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01     | 0.01     | 0.01       | 28.45   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-11-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:10:27  | DataFile Name :   | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 47.32   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-12 Instrumnet Name : P7  
 Client Sample ID : DC24728-12-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:13:52 DataFile Name : 127SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.77    | 7.80    | 18.52   | 11.36      | 54.55   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.79    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.24    | 0.18    | 0.20       | 17.45   | ppb   |
| Barium     | 135-1 | 14.82   | 15.05   | 14.79   | 14.89      | 0.95    | ppb   |
| Barium     | 137-1 | 14.83   | 15.02   | 14.71   | 14.85      | 1.06    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.87    | 3.77    | 3.89    | 3.84       | 1.75    | ppb   |
| Boron      | 11-1  | 3.61    | 3.64    | 3.59    | 3.61       | 0.66    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.02    | 0.02    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.57   | 0.30    | 0.45    | 0.06       | 887.74  | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.00    | -0.02   | 0.01       | 376.97  | ppb   |
| Calcium    | 43-1  | 5451.68 | 5265.94 | 5129.52 | 5282.38    | 3.06    | ppb   |
| Calcium    | 44-1  | 5497.83 | 5386.22 | 5195.82 | 5359.96    | 2.85    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 108.70  | 109.36  | 106.47  | 108.18     | 1.40    | 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  | 59.05   | 60.43   | 59.24   | 59.58      | 1.26    | ppb   |
| Iron       | 57-2  | 64.53   | 69.34   | 63.39   | 65.75      | 4.80    | ppb   |
| Lead       | 206-1 | 0.13    | 0.13    | 0.11    | 0.12       | 12.95   | ppb   |
| Lead       | 207-1 | 0.09    | 0.11    | 0.07    | 0.09       | 23.43   | ppb   |
| Lead       | 208-1 | 0.10    | 0.10    | 0.09    | 0.10       | 9.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1102.94 | 1116.90 | 1086.53 | 1102.12    | 1.38    | ppb   |
| Manganese  | 55-2  | 10.44   | 9.83    | 9.86    | 10.04      | 3.42    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-12 Instrumnet Name : P7  
 Client Sample ID : DC24728-12-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:13:52 DataFile Name : 127SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.00    | 0.01       | 127.63  | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.03    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.23     | 0.25     | 0.20    | 0.23       | 9.85    | ppb   |
| Phosphorus | 31-2  | 678.39   | 730.20   | 637.27  | 681.95     | 6.83    | ppb   |
| Potassium  | 39-2  | 426.67   | 437.00   | 417.43  | 427.04     | 2.29    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.46    | -0.46    | -0.46   | -0.46      |         | ppb   |
| Selenium   | 78-2  | -0.57    | 0.36     | -0.61   | -0.27      |         | ppb   |
| Selenium   | 82-1  | 1.19     | 0.87     | 0.86    | 0.97       | 18.84   | ppb   |
| Silicon    | 28-1  | 949.50   | 965.46   | 912.58  | 942.51     | 2.88    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.00    | 0.01       | 43.20   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.01    | 0.01       | 72.03   | ppb   |
| Sodium     | 23-2  | 10031.95 | 10097.23 | 9897.23 | 10008.80   | 1.02    | ppb   |
| Strontium  | 86-1  | 17.47    | 17.34    | 17.07   | 17.29      | 1.17    | ppb   |
| Strontium  | 88-1  | 18.13    | 17.60    | 17.50   | 17.74      | 1.92    | ppb   |
| Sulfur     | 34-1  | 479.60   | 417.13   | 174.41  | 357.05     | 45.15   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       | 170.88  | ppb   |
| Tin        | 118-1 | -0.08    | -0.07    | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.53     | 0.39     | 0.37    | 0.43       | 20.15   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.09     | 0.06    | 0.07       | 29.97   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 12.26    | 12.15    | 11.16   | 11.86      | 5.10    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.00    | 0.01       | 76.84   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-12-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:13:52  | DataFile Name :   | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 48.14   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-13 Instrumnet Name : P7  
 Client Sample ID : DC24728-13-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:17:18 DataFile Name : 128SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.34    | 9.89    | 38.44   | 18.89      | 89.72   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 7.64    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.21    | 0.17    | 0.18       | 11.14   | ppb   |
| Barium     | 135-1 | 13.51   | 13.72   | 14.14   | 13.79      | 2.34    | ppb   |
| Barium     | 137-1 | 13.63   | 13.67   | 13.88   | 13.73      | 0.96    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.68    | 3.96    | 4.02    | 3.89       | 4.66    | ppb   |
| Boron      | 11-1  | 3.58    | 3.79    | 3.61    | 3.66       | 3.17    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.07   | -0.04   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.18   | -0.81   | -0.32   | -0.77      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5343.65 | 5290.17 | 5315.82 | 5316.55    | 0.50    | ppb   |
| Calcium    | 44-1  | 5427.04 | 5442.42 | 5385.16 | 5418.21    | 0.55    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.05   | -0.01   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 77.96   | 77.07   | 77.19   | 77.41      | 0.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 28.17   | 26.53   | 29.22   | 27.97      | 4.85    | ppb   |
| Iron       | 57-2  | 36.87   | 32.14   | 32.09   | 33.70      | 8.15    | ppb   |
| Lead       | 206-1 | 0.05    | 0.06    | 0.07    | 0.06       | 14.41   | ppb   |
| Lead       | 207-1 | 0.04    | 0.05    | 0.05    | 0.04       | 13.34   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1096.23 | 1086.14 | 1088.95 | 1090.44    | 0.48    | ppb   |
| Manganese  | 55-2  | 9.80    | 9.40    | 8.91    | 9.37       | 4.74    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-13 Instrumnet Name : P7  
 Client Sample ID : DC24728-13-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:17:18 DataFile Name : 128SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | 0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.47    | 0.51    | 0.47    | 0.48       | 4.63    | ppb   |
| Phosphorus | 31-2  | 644.33  | 624.66  | 620.17  | 629.72     | 2.04    | ppb   |
| Potassium  | 39-2  | 418.55  | 411.09  | 422.23  | 417.29     | 1.36    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46   | -0.22   | -0.30      |         | ppb   |
| Selenium   | 78-2  | 0.39    | 0.59    | -0.55   | 0.14       | 433.39  | ppb   |
| Selenium   | 82-1  | 1.19    | 0.54    | 0.92    | 0.88       | 37.05   | ppb   |
| Silicon    | 28-1  | 936.83  | 1008.61 | 942.91  | 962.78     | 4.13    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9931.48 | 9821.27 | 9918.13 | 9890.29    | 0.61    | ppb   |
| Strontium  | 86-1  | 17.31   | 17.34   | 17.53   | 17.39      | 0.68    | ppb   |
| Strontium  | 88-1  | 17.52   | 17.61   | 17.66   | 17.60      | 0.42    | ppb   |
| Sulfur     | 34-1  | 398.86  | 585.16  | 622.87  | 535.63     | 22.39   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 1.44    | 0.34    | 0.35    | 0.71       | 88.92   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.05       | 5.65    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 25.01   | 24.25   | 24.29   | 24.51      | 1.76    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 116.61  | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-13-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:17:18   | DataFile Name :   | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 66.84   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-14 Instrumnet Name : P7  
 Client Sample ID : DC24728-14-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:20:44 DataFile Name : 129SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.30    | 9.44    | 7.70    | 8.82       | 10.97   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.02    | 0.02    | 0.03       | 33.85   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.29    | 0.29    | 0.26       | 21.83   | ppb   |
| Barium     | 135-1 | 14.77   | 14.06   | 14.06   | 14.30      | 2.87    | ppb   |
| Barium     | 137-1 | 14.56   | 14.12   | 14.22   | 14.30      | 1.60    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.01    | 4.10    | 3.88    | 3.99       | 2.78    | ppb   |
| Boron      | 11-1  | 3.84    | 3.91    | 3.63    | 3.79       | 3.73    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.22   | -0.20   | -0.34   | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.03    | 0.00    | 0.02       | 103.28  | ppb   |
| Calcium    | 43-1  | 5548.38 | 5131.00 | 5327.63 | 5335.67    | 3.91    | ppb   |
| Calcium    | 44-1  | 5643.60 | 5194.19 | 5393.17 | 5410.32    | 4.16    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | -0.08   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 92.34   | 90.82   | 86.41   | 89.86      | 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  | 41.69   | 42.62   | 38.41   | 40.90      | 5.41    | ppb   |
| Iron       | 57-2  | 50.51   | 45.31   | 46.68   | 47.50      | 5.67    | ppb   |
| Lead       | 206-1 | 0.16    | 0.12    | 0.16    | 0.15       | 13.93   | ppb   |
| Lead       | 207-1 | 0.14    | 0.14    | 0.15    | 0.14       | 1.73    | ppb   |
| Lead       | 208-1 | 0.15    | 0.13    | 0.14    | 0.14       | 6.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1114.66 | 1105.54 | 1053.54 | 1091.24    | 3.02    | ppb   |
| Manganese  | 55-2  | 9.76    | 9.94    | 9.51    | 9.74       | 2.23    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-14-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:20:44   | DataFile Name :   | 129SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.01    | 0.00       | 191.02  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.56     | 0.57     | 0.54    | 0.56       | 3.14    | ppb   |
| Phosphorus | 31-2  | 695.99   | 613.16   | 646.35  | 651.84     | 6.40    | ppb   |
| Potassium  | 39-2  | 447.55   | 432.81   | 413.77  | 431.38     | 3.93    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.04     | -0.22    | 0.26    | 0.03       | 951.47  | ppb   |
| Selenium   | 78-2  | -0.13    | 0.10     | -0.90   | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.88     | 0.77     | 0.36    | 0.67       | 41.31   | ppb   |
| Silicon    | 28-1  | 997.01   | 891.45   | 968.24  | 952.24     | 5.73    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00    | 0.00       | 27.70   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00    | 0.00       | 137.71  | ppb   |
| Sodium     | 23-2  | 10221.82 | 10071.33 | 9551.14 | 9948.10    | 3.54    | ppb   |
| Strontium  | 86-1  | 17.72    | 17.09    | 17.03   | 17.28      | 2.20    | ppb   |
| Strontium  | 88-1  | 18.30    | 17.37    | 17.55   | 17.74      | 2.78    | ppb   |
| Sulfur     | 34-1  | 1567.03  | 672.81   | 1182.86 | 1140.90    | 39.32   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00    | 0.00       | 150.49  | ppb   |
| Tin        | 118-1 | -0.08    | -0.09    | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.40     | 0.40     | 0.43    | 0.41       | 4.63    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.03    | 0.05       | 29.58   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 23.05    | 22.79    | 21.65   | 22.50      | 3.30    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.00    | 0.01       | 29.91   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-14-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:20:44   | DataFile Name :   | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.07    | 0.04       | 89.53   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-15 Instrumnet Name : P7  
 Client Sample ID : DC24728-15-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:24:10 DataFile Name : 130SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.98   | 14.43   | 15.57   | 15.00      | 3.80    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.09    | 0.08    | 0.09       | 10.03   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.23    | 0.24    | 0.23       | 1.72    | ppb   |
| Barium     | 135-1 | 16.08   | 15.95   | 16.22   | 16.08      | 0.84    | ppb   |
| Barium     | 137-1 | 15.72   | 15.71   | 15.57   | 15.67      | 0.54    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.41    | 3.79    | 4.20    | 3.80       | 10.40   | ppb   |
| Boron      | 11-1  | 3.88    | 3.59    | 4.02    | 3.83       | 5.70    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.04    | 0.05    | 0.04       | 44.82   | ppb   |
| Cadmium    | 106-1 | 0.12    | 0.33    | 0.29    | 0.24       | 45.75   | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.18    | 0.06    | 0.11       | 54.05   | ppb   |
| Calcium    | 43-1  | 5424.72 | 5414.47 | 5459.08 | 5432.76    | 0.43    | ppb   |
| Calcium    | 44-1  | 5459.04 | 5479.95 | 5545.93 | 5494.98    | 0.83    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.02    | 0.01    | 0.01       | 60.08   | ppb   |
| Copper     | 63-2  | 115.31  | 117.73  | 111.84  | 114.96     | 2.57    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 32.88   | 33.23   | 30.65   | 32.25      | 4.33    | ppb   |
| Iron       | 57-2  | 36.13   | 40.50   | 37.88   | 38.17      | 5.76    | ppb   |
| Lead       | 206-1 | 3.18    | 2.96    | 3.21    | 3.12       | 4.38    | ppb   |
| Lead       | 207-1 | 2.97    | 2.79    | 3.00    | 2.92       | 3.88    | ppb   |
| Lead       | 208-1 | 3.05    | 2.92    | 3.03    | 3.00       | 2.40    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.75 | 1143.59 | 1062.78 | 1106.38    | 3.69    | ppb   |
| Manganese  | 55-2  | 16.22   | 16.19   | 15.26   | 15.89      | 3.43    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-15-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:24:10  | DataFile Name :   | 130SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | 0.00     | 0.01    | 0.00       | 402.63  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.02    | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 1.29     | 1.39     | 1.24    | 1.30       | 5.61    | ppb   |
| Phosphorus | 31-2  | 600.10   | 660.02   | 579.66  | 613.26     | 6.81    | ppb   |
| Potassium  | 39-2  | 416.99   | 441.04   | 398.09  | 418.71     | 5.14    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.22    | 0.03     | 0.26    | 0.02       | 1006.31 | ppb   |
| Selenium   | 78-2  | -0.55    | 0.01     | -0.14   | -0.23      |         | ppb   |
| Selenium   | 82-1  | 1.11     | 1.17     | 0.88    | 1.05       | 14.58   | ppb   |
| Silicon    | 28-1  | 951.26   | 949.40   | 978.17  | 959.61     | 1.68    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.01    | 0.01       | 17.34   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.02    | 0.02       | 15.26   | ppb   |
| Sodium     | 23-2  | 10041.45 | 10129.64 | 9657.48 | 9942.86    | 2.52    | ppb   |
| Strontium  | 86-1  | 17.94    | 17.65    | 17.92   | 17.84      | 0.92    | ppb   |
| Strontium  | 88-1  | 18.23    | 18.39    | 18.18   | 18.27      | 0.61    | ppb   |
| Sulfur     | 34-1  | 963.24   | 980.69   | 1303.46 | 1082.46    | 17.70   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00    | 0.00       | 118.41  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.01    | 0.00       | 30.68   | ppb   |
| Tin        | 118-1 | -0.08    | -0.09    | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.50     | 0.58     | 0.45    | 0.51       | 12.76   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.06    | 0.06       | 3.56    | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 260.49   | 263.75   | 253.10  | 259.11     | 2.11    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.00     | 0.01    | 0.01       | 64.50   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-15-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:24:10  | DataFile Name :   | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.11    | 0.05       | 104.25  | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-16 Instrumnet Name : P7  
 Client Sample ID : DC24728-16-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:27:35 DataFile Name : 131SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.41    | 7.23    | 7.56    | 6.73       | 17.19   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 23.43   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.27    | 0.27    | 0.25       | 13.56   | ppb   |
| Barium     | 135-1 | 15.18   | 15.50   | 14.48   | 15.06      | 3.46    | ppb   |
| Barium     | 137-1 | 14.72   | 15.05   | 14.37   | 14.71      | 2.31    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.94    | 4.39    | 4.10    | 4.14       | 5.52    | ppb   |
| Boron      | 11-1  | 3.71    | 3.69    | 3.90    | 3.77       | 3.08    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.04    | 0.01    | 0.03       | 67.83   | ppb   |
| Cadmium    | 106-1 | 0.74    | 0.66    | 0.18    | 0.53       | 57.56   | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.06    | -0.02   | 0.03       | 155.18  | ppb   |
| Calcium    | 43-1  | 5276.32 | 5367.99 | 5216.84 | 5287.05    | 1.44    | ppb   |
| Calcium    | 44-1  | 5348.58 | 5422.01 | 5289.70 | 5353.43    | 1.24    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 100.78  | 102.22  | 98.00   | 100.33     | 2.14    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 40.95   | 38.03   | 37.83   | 38.94      | 4.49    | ppb   |
| Iron       | 57-2  | 41.62   | 43.13   | 43.75   | 42.83      | 2.57    | ppb   |
| Lead       | 206-1 | 0.16    | 0.14    | 0.12    | 0.14       | 15.23   | ppb   |
| Lead       | 207-1 | 0.12    | 0.13    | 0.11    | 0.12       | 11.30   | ppb   |
| Lead       | 208-1 | 0.13    | 0.13    | 0.12    | 0.13       | 4.92    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1105.36 | 1113.04 | 1068.50 | 1095.63    | 2.17    | ppb   |
| Manganese  | 55-2  | 8.51    | 9.02    | 8.34    | 8.62       | 4.13    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-16 Instrumnet Name : P7  
 Client Sample ID : DC24728-16-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:27:35 DataFile Name : 131SMPL.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   | -0.02    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00     | 0.02    | 0.00       | 473.22  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.19     | 0.20    | 0.22       | 15.25   | ppb   |
| Phosphorus | 31-2  | 634.26  | 640.66   | 660.84  | 645.26     | 2.15    | ppb   |
| Potassium  | 39-2  | 430.93  | 436.95   | 416.82  | 428.23     | 2.41    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46    | -0.46   | -0.46      |         | ppb   |
| Selenium   | 78-2  | -0.25   | 0.18     | -0.62   | -0.23      |         | ppb   |
| Selenium   | 82-1  | 0.57    | 0.45     | 0.54    | 0.52       | 11.43   | ppb   |
| Silicon    | 28-1  | 927.10  | 944.85   | 919.87  | 930.61     | 1.38    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01     | 0.01    | 0.01       | 16.61   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01     | 0.01    | 0.01       | 64.34   | ppb   |
| Sodium     | 23-2  | 9980.01 | 10125.39 | 9784.93 | 9963.44    | 1.71    | ppb   |
| Strontium  | 86-1  | 17.54   | 17.82    | 17.22   | 17.53      | 1.71    | ppb   |
| Strontium  | 88-1  | 17.90   | 17.99    | 17.50   | 17.80      | 1.45    | ppb   |
| Sulfur     | 34-1  | 1009.37 | 1262.23  | 1157.67 | 1143.09    | 11.12   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00    | 0.00       | 268.85  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00    | 0.00       | 22.70   | ppb   |
| Tin        | 118-1 | -0.09   | -0.09    | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.80    | 0.45     | 0.51    | 0.59       | 32.07   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06     | 0.05    | 0.05       | 9.66    | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 12.67   | 12.93    | 11.79   | 12.47      | 4.79    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00     | 0.01    | 0.01       | 50.40   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-16-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:27:35  | DataFile Name :   | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | 0.01    | 0.01       | 122.17  | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-17 Instrumnet Name : P7  
 Client Sample ID : DC24728-17-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:31:01 DataFile Name : 132SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.12   | 10.65   | 10.26   | 10.34      | 2.63    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.05    | 0.04       | 22.16   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.21    | 0.26    | 0.23       | 11.25   | ppb   |
| Barium     | 135-1 | 15.70   | 15.76   | 15.51   | 15.66      | 0.82    | ppb   |
| Barium     | 137-1 | 15.71   | 15.83   | 15.72   | 15.75      | 0.45    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.46    | 3.82    | 3.93    | 4.07       | 8.50    | ppb   |
| Boron      | 11-1  | 3.79    | 3.69    | 3.68    | 3.72       | 1.66    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.30   | -0.22   | -0.48   | -0.33      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.03    | 0.04    | 0.05       | 48.30   | ppb   |
| Calcium    | 43-1  | 5433.03 | 5305.48 | 5426.54 | 5388.35    | 1.33    | ppb   |
| Calcium    | 44-1  | 5560.55 | 5329.25 | 5470.51 | 5453.43    | 2.14    | ppb   |
| Chromium   | 52-2  | -0.03   | 0.01    | -0.04   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 285.43  | ppb   |
| Copper     | 63-2  | 159.99  | 170.35  | 167.43  | 165.93     | 3.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.93   | 30.37   | 29.89   | 29.06      | 6.40    | ppb   |
| Iron       | 57-2  | 31.09   | 34.81   | 32.94   | 32.94      | 5.65    | ppb   |
| Lead       | 206-1 | 0.99    | 0.97    | 1.00    | 0.98       | 1.62    | ppb   |
| Lead       | 207-1 | 0.90    | 0.88    | 0.90    | 0.89       | 1.12    | ppb   |
| Lead       | 208-1 | 0.93    | 0.92    | 0.94    | 0.93       | 1.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.53 | 1155.57 | 1136.00 | 1130.04    | 2.56    | ppb   |
| Manganese  | 55-2  | 10.85   | 10.82   | 11.88   | 11.18      | 5.41    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-17 Instrumnet Name : P7  
 Client Sample ID : DC24728-17-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:31:01 DataFile Name : 132SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | 0.05     | 0.02       | 200.68  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.09     | 1.23     | 1.22     | 1.18       | 6.52    | ppb   |
| Phosphorus | 31-2  | 595.71   | 643.72   | 616.59   | 618.67     | 3.89    | ppb   |
| Potassium  | 39-2  | 423.96   | 452.40   | 442.54   | 439.63     | 3.29    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.29     | 0.06     | -0.46    | -0.04      |         | ppb   |
| Selenium   | 78-2  | -0.37    | 0.10     | 0.41     | 0.05       | 845.95  | ppb   |
| Selenium   | 82-1  | 0.95     | 0.49     | 0.30     | 0.58       | 57.56   | ppb   |
| Silicon    | 28-1  | 973.59   | 921.48   | 954.49   | 949.85     | 2.78    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 13.16   | ppb   |
| Silver     | 107-1 | 0.03     | 0.01     | 0.02     | 0.02       | 40.44   | ppb   |
| Sodium     | 23-2  | 10001.28 | 10418.27 | 10264.95 | 10228.17   | 2.06    | ppb   |
| Strontium  | 86-1  | 17.77    | 17.52    | 17.67    | 17.65      | 0.71    | ppb   |
| Strontium  | 88-1  | 18.33    | 18.10    | 18.22    | 18.22      | 0.62    | ppb   |
| Sulfur     | 34-1  | 1264.88  | 985.82   | 1264.82  | 1171.84    | 13.75   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 78.91   | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.46     | 0.45     | 0.51     | 0.47       | 6.60    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.06     | 0.05       | 8.06    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 137.14   | 145.90   | 141.09   | 141.38     | 3.10    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 2.15    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-17-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:31:01  | DataFile Name :   | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.83   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-18 Instrumnet Name : P7  
 Client Sample ID : DC24728-18-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:34:27 DataFile Name : 133SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.26   | 16.55   | 15.48   | 15.43      | 7.44    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 16.94   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.24    | 0.24    | 0.24       | 1.33    | ppb   |
| Barium     | 135-1 | 15.08   | 15.05   | 15.04   | 15.06      | 0.14    | ppb   |
| Barium     | 137-1 | 15.05   | 15.05   | 15.12   | 15.07      | 0.27    | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.50    | 3.73    | 3.67    | 3.63       | 3.30    | ppb   |
| Boron      | 11-1  | 3.41    | 3.72    | 3.71    | 3.61       | 4.81    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.01   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.48   | -0.44   | 0.07    | -0.29      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | 0.01    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5238.86 | 5459.69 | 5443.08 | 5380.54    | 2.29    | ppb   |
| Calcium    | 44-1  | 5310.76 | 5519.79 | 5482.41 | 5437.65    | 2.05    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 66.73   | 66.10   | 65.04   | 65.96      | 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  | 95.62   | 103.52  | 94.02   | 97.72      | 5.20    | ppb   |
| Iron       | 57-2  | 104.69  | 101.34  | 99.47   | 101.84     | 2.60    | ppb   |
| Lead       | 206-1 | 0.06    | 0.07    | 0.04    | 0.06       | 27.46   | ppb   |
| Lead       | 207-1 | 0.05    | 0.05    | 0.06    | 0.05       | 16.99   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1103.24 | 1111.00 | 1088.75 | 1101.00    | 1.03    | ppb   |
| Manganese  | 55-2  | 9.68    | 9.46    | 9.78    | 9.64       | 1.72    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-18-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:34:27  | DataFile Name :   | 133SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.01     | 0.00    | 0.00       | 349.16  | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.24     | 0.23     | 0.23    | 0.23       | 2.86    | ppb   |
| Phosphorus | 31-2  | 677.45   | 638.88   | 651.61  | 655.98     | 3.00    | ppb   |
| Potassium  | 39-2  | 436.89   | 424.64   | 418.67  | 426.74     | 2.18    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.05     | -0.21    | -0.22   | -0.13      |         | ppb   |
| Selenium   | 78-2  | 0.18     | 0.52     | -0.43   | 0.09       | 524.53  | ppb   |
| Selenium   | 82-1  | 1.09     | 1.00     | 0.65    | 0.91       | 25.88   | ppb   |
| Silicon    | 28-1  | 918.56   | 970.52   | 961.72  | 950.27     | 2.93    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.00    | 0.01       | 70.85   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00    | 0.00       | 4.22    | ppb   |
| Sodium     | 23-2  | 10221.04 | 10024.20 | 9993.36 | 10079.53   | 1.23    | ppb   |
| Strontium  | 86-1  | 17.41    | 17.84    | 17.30   | 17.52      | 1.61    | ppb   |
| Strontium  | 88-1  | 17.70    | 18.17    | 17.92   | 17.93      | 1.32    | ppb   |
| Sulfur     | 34-1  | 601.94   | 1112.13  | 1035.45 | 916.51     | 30.02   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00    | 0.00       | 297.82  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       | 30.21   | ppb   |
| Tin        | 118-1 | -0.08    | -0.08    | -0.09   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.43     | 0.48     | 0.44    | 0.45       | 6.55    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.05    | 0.05       | 6.63    | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 7.61     | 7.83     | 7.85    | 7.76       | 1.73    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00     | 0.00    | 0.00       | 34.15   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-18-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:34:27  | DataFile Name :   | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.01    | 0.02       | 29.82   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:37:53 | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.30    | 3.79    | 3.08    | 3.72       | 16.45   | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.37   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.34    | 0.13    | -0.07   | 0.13       | 154.13  | ppb   |
| Boron      | 11-1  | -0.08   | -0.15   | -0.09   | -0.11      |         | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.08   | -0.02   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.51   | -0.89   | -0.09   | -0.49      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.02   | 0.01    | 0.02       | 200.44  | ppb   |
| Calcium    | 43-1  | -1.31   | -1.81   | -3.03   | -2.05      |         | ppb   |
| Calcium    | 44-1  | -2.96   | -2.39   | -4.41   | -3.26      |         | ppb   |
| Chromium   | 52-2  | -0.04   | 0.00    | 0.00    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.04    | -0.03   | 0.01       | 421.34  | 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  | -0.04   | -0.06   | -0.02   | -0.04      |         | ppb   |
| Iron       | 57-2  | -0.94   | -0.47   | -0.65   | -0.69      |         | ppb   |
| Lead       | 206-1 | 480.88  | 469.87  | 460.83  | 470.53     | 2.13    | ppb   |
| Lead       | 207-1 | 473.14  | 464.28  | 454.31  | 463.91     | 2.03    | ppb   |
| Lead       | 208-1 | 484.54  | 476.73  | 467.33  | 476.20     | 1.81    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.61   | -0.46   | -0.39   | -0.49      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | 0.00    | 0.00       | 2873.04 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:37:53 | DataFile Name :   | 134SMPL.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   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -0.17   | -0.51   | -7.65   | -2.78      |         | ppb   |
| Potassium  | 39-2  | -11.94  | -5.61   | -9.49   | -9.01      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.06    | -0.20   | -0.46   | -0.20      |         | ppb   |
| Selenium   | 78-2  | -0.70   | -0.35   | 0.03    | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.39    | 0.39    | 0.18    | 0.32       | 38.98   | ppb   |
| Silicon    | 28-1  | -10.05  | -11.36  | -12.93  | -11.45     |         | 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  | 3.21    | 4.82    | 2.11    | 3.38       | 40.34   | ppb   |
| Strontium  | 86-1  | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 91.47   | 11.81   | -286.74 | -61.15     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 328.86  | ppb   |
| Tin        | 118-1 | -0.06   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.79   | -0.64   | -0.76   | -0.73      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:37:53 | DataFile Name :   | 134SMPL.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:41:19 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.31   | -0.07   | -0.21   | -0.19      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.40   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.38   | -0.36   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.09    | -0.42   | -0.21   | -0.18      |         | ppb   |
| Boron      | 11-1  | -0.42   | -0.38   | -0.50   | -0.43      |         | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.03   | 0.02    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.67   | -0.18   | 0.48    | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.05   | 0.03    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -2.28   | -3.43   | -1.46   | -2.39      |         | ppb   |
| Calcium    | 44-1  | -3.26   | -4.61   | -4.84   | -4.24      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.02   | -0.05   | -0.02   | -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  | -0.44   | -0.45   | -0.48   | -0.46      |         | ppb   |
| Iron       | 57-2  | -1.10   | -0.64   | -0.63   | -0.79      |         | ppb   |
| Lead       | 206-1 | -0.06   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Lead       | 207-1 | -0.07   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Lead       | 208-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.77   | -0.74   | -0.56   | -0.69      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:41:19 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -0.21   | 6.72    | -0.80   | 1.90       | 219.92  | ppb   |
| Potassium  | 39-2  | -10.07  | -9.65   | -8.38   | -9.37      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.20   | -0.20   | -0.29      |         | ppb   |
| Selenium   | 78-2  | -0.28   | -0.13   | -0.35   | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.56    | 0.64    | 0.21    | 0.47       | 47.82   | ppb   |
| Silicon    | 28-1  | -10.91  | -11.07  | -12.06  | -11.35     |         | 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  | 1.35    | 1.46    | 4.11    | 2.31       | 67.74   | ppb   |
| Strontium  | 86-1  | -0.01   | -0.11   | -0.09   | -0.07      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -154.55 | -249.90 | -167.55 | -190.67    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.05   | -0.03   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.06    | 0.02    | 0.03       | 116.07  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.73   | -0.75   | -0.77   | -0.75      |         | ppb   |
| Zirconium  | 90-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:41:19 | DataFile Name :   | 135SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-19 Instrumnet Name : P7  
 Client Sample ID : DC24728-19-FL1-NR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:44:46 DataFile Name : 136SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.43   | 16.84   | 17.39   | 16.55      | 6.12    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.08    | 0.07       | 10.81   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.23    | 0.21    | 0.23       | 6.74    | ppb   |
| Barium     | 135-1 | 15.75   | 15.85   | 15.66   | 15.75      | 0.60    | ppb   |
| Barium     | 137-1 | 15.72   | 15.44   | 15.96   | 15.71      | 1.65    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.33    | 3.49    | 3.98    | 3.60       | 9.44    | ppb   |
| Boron      | 11-1  | 3.51    | 3.49    | 3.69    | 3.56       | 3.03    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.01   | 0.11    | 0.04       | 134.74  | ppb   |
| Cadmium    | 106-1 | -0.52   | -0.66   | 0.58    | -0.20      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.12    | 0.27    | 0.19       | 41.57   | ppb   |
| Calcium    | 43-1  | 5221.16 | 5284.24 | 5347.88 | 5284.43    | 1.20    | ppb   |
| Calcium    | 44-1  | 5297.36 | 5342.98 | 5395.98 | 5345.44    | 0.92    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.07    | 0.06    | 0.07       | 6.83    | ppb   |
| Copper     | 63-2  | 236.00  | 233.15  | 234.12  | 234.42     | 0.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.00   | 19.44   | 18.69   | 20.38      | 11.28   | ppb   |
| Iron       | 57-2  | 26.06   | 28.48   | 24.06   | 26.20      | 8.46    | ppb   |
| Lead       | 206-1 | 4.87    | 4.88    | 4.79    | 4.85       | 1.03    | ppb   |
| Lead       | 207-1 | 4.51    | 4.59    | 4.47    | 4.52       | 1.30    | ppb   |
| Lead       | 208-1 | 4.67    | 4.70    | 4.66    | 4.68       | 0.41    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1129.98 | 1105.16 | 1114.98 | 1116.71    | 1.12    | ppb   |
| Manganese  | 55-2  | 13.80   | 13.39   | 13.72   | 13.64      | 1.61    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-19 Instrumnet Name : P7  
 Client Sample ID : DC24728-19-FL1-NR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:44:46 DataFile Name : 136SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.34     | 6.34     | 6.38     | 6.35       | 0.42    | ppb   |
| Phosphorus | 31-2  | 635.55   | 549.04   | 567.66   | 584.08     | 7.80    | ppb   |
| Potassium  | 39-2  | 428.94   | 422.86   | 425.27   | 425.69     | 0.72    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.03     | 0.04     | -0.21    | -0.05      |         | ppb   |
| Selenium   | 78-2  | -0.50    | -0.31    | -0.15    | -0.32      |         | ppb   |
| Selenium   | 82-1  | 0.49     | 0.88     | 1.03     | 0.80       | 34.85   | ppb   |
| Silicon    | 28-1  | 950.72   | 948.54   | 965.47   | 954.91     | 0.96    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01     | 0.02       | 10.51   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.35    | ppb   |
| Sodium     | 23-2  | 10194.30 | 10005.00 | 10042.65 | 10080.65   | 0.99    | ppb   |
| Strontium  | 86-1  | 17.18    | 17.26    | 17.87    | 17.44      | 2.15    | ppb   |
| Strontium  | 88-1  | 17.78    | 17.77    | 18.17    | 17.91      | 1.25    | ppb   |
| Sulfur     | 34-1  | 177.02   | 370.71   | 491.86   | 346.53     | 45.83   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 140.39  | ppb   |
| Tin        | 118-1 | -0.06    | -0.06    | -0.07    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.67     | 0.34     | 0.38     | 0.46       | 38.35   | ppb   |
| Uranium    | 238-1 | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05     | 0.03     | 0.04       | 16.55   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 680.63   | 676.68   | 674.86   | 677.39     | 0.44    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.00     | 0.00       | 116.02  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-19-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:44:46  | DataFile Name :   | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 35.05   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-20 Instrumnet Name : P7  
 Client Sample ID : DC24728-20-FL1-NR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:48:12 DataFile Name : 137SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.19    | 8.21    | 8.95    | 8.78       | 5.80    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.02       | 25.84   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.27    | 0.29    | 0.27       | 8.12    | ppb   |
| Barium     | 135-1 | 15.20   | 14.89   | 14.36   | 14.82      | 2.87    | ppb   |
| Barium     | 137-1 | 15.18   | 14.87   | 14.40   | 14.82      | 2.67    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.13    | 4.10    | 3.91    | 3.71       | 13.80   | ppb   |
| Boron      | 11-1  | 3.27    | 3.65    | 3.57    | 3.50       | 5.64    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.08   | 0.02    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.27   | -1.08   | 0.31    | -0.35      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.00    | 0.01    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5399.44 | 5387.00 | 4905.84 | 5230.76    | 5.38    | ppb   |
| Calcium    | 44-1  | 5484.68 | 5414.99 | 5013.37 | 5304.34    | 4.80    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 153.64  | ppb   |
| Copper     | 63-2  | 187.13  | 190.32  | 181.61  | 186.35     | 2.37    | 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  | 63.33   | 55.57   | 53.40   | 57.43      | 9.09    | ppb   |
| Iron       | 57-2  | 62.01   | 60.02   | 62.36   | 61.46      | 2.06    | ppb   |
| Lead       | 206-1 | 0.55    | 0.58    | 0.53    | 0.56       | 4.42    | ppb   |
| Lead       | 207-1 | 0.54    | 0.58    | 0.54    | 0.55       | 4.00    | ppb   |
| Lead       | 208-1 | 0.55    | 0.58    | 0.53    | 0.55       | 4.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1129.50 | 1132.71 | 1085.82 | 1116.01    | 2.35    | ppb   |
| Manganese  | 55-2  | 12.87   | 13.01   | 12.53   | 12.81      | 1.94    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-20-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:48:12  | DataFile Name :   | 137SMPL.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    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.05    | -0.02    | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.40     | 0.37     | 0.34    | 0.37       | 7.33    | ppb   |
| Phosphorus | 31-2  | 640.72   | 647.51   | 613.10  | 633.78     | 2.88    | ppb   |
| Potassium  | 39-2  | 441.22   | 441.83   | 423.79  | 435.61     | 2.35    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.20    | -0.46    | -0.21   | -0.29      |         | ppb   |
| Selenium   | 78-2  | -0.03    | -0.28    | -0.44   | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.97     | 1.26     | 1.05    | 1.09       | 13.93   | ppb   |
| Silicon    | 28-1  | 968.79   | 961.68   | 871.12  | 933.86     | 5.83    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01    | 0.00       | 65.83   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00    | 0.00       | 67.18   | ppb   |
| Sodium     | 23-2  | 10264.41 | 10357.24 | 9925.11 | 10182.25   | 2.23    | ppb   |
| Strontium  | 86-1  | 17.45    | 17.63    | 16.93   | 17.34      | 2.08    | ppb   |
| Strontium  | 88-1  | 17.79    | 17.79    | 17.12   | 17.56      | 2.20    | ppb   |
| Sulfur     | 34-1  | 961.42   | 898.45   | 163.60  | 674.49     | 65.76   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.10    | -0.09    | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.51     | 0.50     | 0.38    | 0.47       | 16.39   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.05    | 0.06       | 13.13   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 42.36    | 42.34    | 39.82   | 41.51      | 3.52    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01    | 0.01       | 56.75   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-20-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:48:12  | DataFile Name :   | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 35.00   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-21 Instrumnet Name : P7  
 Client Sample ID : DC24728-21-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:51:38 DataFile Name : 138SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 27.93   | 37.14   | 27.62   | 30.89      | 17.50   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 8.68    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.26    | 0.18    | 0.22       | 19.48   | ppb   |
| Barium     | 135-1 | 15.30   | 15.00   | 15.14   | 15.15      | 0.97    | ppb   |
| Barium     | 137-1 | 15.06   | 14.96   | 15.28   | 15.10      | 1.07    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.21    | 4.40    | 4.10    | 4.24       | 3.49    | ppb   |
| Boron      | 11-1  | 4.14    | 4.03    | 3.82    | 4.00       | 3.98    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.01    | -0.03   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.04    | -0.07   | -0.41   | -0.14      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.10    | 0.00    | 0.09       | 97.54   | ppb   |
| Calcium    | 43-1  | 5324.10 | 5238.87 | 5213.90 | 5258.96    | 1.10    | ppb   |
| Calcium    | 44-1  | 5400.25 | 5275.93 | 5254.43 | 5310.20    | 1.48    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.03    | 0.02       | 9.84    | ppb   |
| Copper     | 63-2  | 297.41  | 302.67  | 295.16  | 298.42     | 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  | 18.98   | 24.69   | 19.83   | 21.17      | 14.56   | ppb   |
| Iron       | 57-2  | 26.85   | 27.36   | 25.62   | 26.61      | 3.36    | ppb   |
| Lead       | 206-1 | 2.31    | 2.32    | 2.34    | 2.32       | 0.53    | ppb   |
| Lead       | 207-1 | 2.16    | 2.15    | 2.15    | 2.15       | 0.28    | ppb   |
| Lead       | 208-1 | 2.25    | 2.24    | 2.22    | 2.23       | 0.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1107.63 | 1138.89 | 1106.41 | 1117.65    | 1.65    | ppb   |
| Manganese  | 55-2  | 9.24    | 9.70    | 9.55    | 9.50       | 2.47    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-21 Instrumnet Name : P7  
 Client Sample ID : DC24728-21-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:51:38 DataFile Name : 138SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00     | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.01    | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.03    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 5.80    | 5.98     | 5.74    | 5.84       | 2.16    | ppb   |
| Phosphorus | 31-2  | 617.15  | 676.27   | 575.09  | 622.84     | 8.16    | ppb   |
| Potassium  | 39-2  | 433.17  | 446.04   | 433.34  | 437.52     | 1.69    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.46    | -0.21   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.01   | -0.20    | -0.24   | -0.15      |         | ppb   |
| Selenium   | 82-1  | 0.58    | 0.39     | 1.26    | 0.74       | 61.17   | ppb   |
| Silicon    | 28-1  | 990.12  | 951.04   | 985.45  | 975.54     | 2.19    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02     | 0.02    | 0.02       | 14.47   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02     | 0.01    | 0.02       | 10.26   | ppb   |
| Sodium     | 23-2  | 9990.64 | 10317.35 | 9978.20 | 10095.40   | 1.90    | ppb   |
| Strontium  | 86-1  | 17.29   | 17.34    | 17.37   | 17.33      | 0.23    | ppb   |
| Strontium  | 88-1  | 17.74   | 17.65    | 17.89   | 17.76      | 0.69    | ppb   |
| Sulfur     | 34-1  | 1232.38 | 1065.78  | 1108.81 | 1135.66    | 7.62    | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01     | 0.01    | 0.01       | 42.50   | ppb   |
| Tin        | 118-1 | -0.03   | -0.01    | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 1.24    | 0.47     | 0.36    | 0.69       | 69.36   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05     | 0.05    | 0.05       | 3.61    | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 426.96  | 439.90   | 427.02  | 431.29     | 1.73    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00     | 0.01    | 0.01       | 77.60   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-21-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:51:38   | DataFile Name :   | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 44.92   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-22 Instrumnet Name : P7  
 Client Sample ID : DC24728-22-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:55:04 DataFile Name : 139SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.15    | 3.29    | 7.18    | 4.54       | 50.38   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.02       | 21.67   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.22    | 0.21    | 0.22       | 4.15    | ppb   |
| Barium     | 135-1 | 15.11   | 14.82   | 14.77   | 14.90      | 1.23    | ppb   |
| Barium     | 137-1 | 14.80   | 14.94   | 14.68   | 14.81      | 0.89    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.80    | 4.26    | 4.27    | 4.11       | 6.65    | ppb   |
| Boron      | 11-1  | 3.79    | 3.63    | 3.66    | 3.69       | 2.30    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.05   | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.23    | -0.56   | -0.24   | -0.19      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.04    | -0.03   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5202.55 | 5232.28 | 5236.59 | 5223.81    | 0.35    | ppb   |
| Calcium    | 44-1  | 5265.69 | 5295.90 | 5293.72 | 5285.10    | 0.32    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | -0.01   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 369.08  | 361.76  | 357.94  | 362.93     | 1.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 29.04   | 19.98   | 18.88   | 22.63      | 24.63   | ppb   |
| Iron       | 57-2  | 23.92   | 23.60   | 25.52   | 24.35      | 4.22    | ppb   |
| Lead       | 206-1 | 0.17    | 0.18    | 0.21    | 0.18       | 10.26   | ppb   |
| Lead       | 207-1 | 0.14    | 0.15    | 0.18    | 0.16       | 12.29   | ppb   |
| Lead       | 208-1 | 0.15    | 0.16    | 0.18    | 0.17       | 8.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1128.46 | 1106.38 | 1099.98 | 1111.60    | 1.34    | ppb   |
| Manganese  | 55-2  | 8.46    | 7.95    | 8.10    | 8.17       | 3.21    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-22 Instrumnet Name : P7  
 Client Sample ID : DC24728-22-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:55:04 DataFile Name : 139SMPL.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    | 0.00     | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.44     | 0.42     | 0.43    | 0.43       | 2.32    | ppb   |
| Phosphorus | 31-2  | 642.74   | 643.90   | 627.16  | 637.93     | 1.47    | ppb   |
| Potassium  | 39-2  | 444.67   | 432.04   | 421.68  | 432.80     | 2.66    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.21    | -0.46    | -0.21   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.79    | -0.64    | -0.05   | -0.49      |         | ppb   |
| Selenium   | 82-1  | 0.49     | 0.78     | 1.07    | 0.78       | 36.65   | ppb   |
| Silicon    | 28-1  | 960.30   | 951.23   | 971.20  | 960.91     | 1.04    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.03    | 0.02       | 17.35   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02    | 0.02       | 16.71   | ppb   |
| Sodium     | 23-2  | 10340.72 | 10011.86 | 9946.75 | 10099.77   | 2.09    | ppb   |
| Strontium  | 86-1  | 17.26    | 16.91    | 17.18   | 17.12      | 1.09    | ppb   |
| Strontium  | 88-1  | 17.28    | 17.31    | 17.49   | 17.36      | 0.68    | ppb   |
| Sulfur     | 34-1  | 903.87   | 1192.52  | 1201.20 | 1099.20    | 15.39   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | -0.01    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       | 697.03  | ppb   |
| Tin        | 118-1 | -0.08    | -0.09    | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.57     | 0.44     | 0.36    | 0.46       | 22.99   | ppb   |
| Uranium    | 238-1 | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04     | 0.05    | 0.05       | 12.72   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 20.90    | 20.17    | 20.57   | 20.54      | 1.77    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.00    | 0.01       | 79.85   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-22-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:55:04   | DataFile Name :   | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.00    | 0.01       | 98.25   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-23 Instrumnet Name : P7  
 Client Sample ID : DC24728-23-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:58:29 DataFile Name : 140SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 27.45   | 25.06   | 24.09   | 25.54      | 6.77    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.04       | 11.49   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.23    | 0.23    | 0.23       | 1.88    | ppb   |
| Barium     | 135-1 | 15.49   | 15.97   | 15.91   | 15.79      | 1.67    | ppb   |
| Barium     | 137-1 | 15.43   | 15.69   | 15.68   | 15.60      | 0.94    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.89    | 4.08    | 4.62    | 4.20       | 9.02    | ppb   |
| Boron      | 11-1  | 3.71    | 3.91    | 3.64    | 3.75       | 3.60    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.02   | -0.17   | -0.30   | -0.16      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.06    | 0.03    | 0.06       | 67.84   | ppb   |
| Calcium    | 43-1  | 5196.86 | 5206.74 | 5408.46 | 5270.69    | 2.27    | ppb   |
| Calcium    | 44-1  | 5302.72 | 5274.52 | 5514.65 | 5363.97    | 2.45    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.08   | -0.01   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 7.28    | ppb   |
| Copper     | 63-2  | 115.26  | 111.77  | 119.61  | 115.55     | 3.40    | 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  | 24.73   | 22.94   | 24.89   | 24.19      | 4.46    | ppb   |
| Iron       | 57-2  | 29.79   | 28.35   | 31.16   | 29.77      | 4.72    | ppb   |
| Lead       | 206-1 | 0.30    | 0.29    | 0.31    | 0.30       | 2.40    | ppb   |
| Lead       | 207-1 | 0.23    | 0.25    | 0.26    | 0.25       | 7.10    | ppb   |
| Lead       | 208-1 | 0.27    | 0.27    | 0.30    | 0.28       | 5.61    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1107.85 | 1073.22 | 1152.21 | 1111.09    | 3.56    | ppb   |
| Manganese  | 55-2  | 12.52   | 11.92   | 12.63   | 12.36      | 3.09    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-23 Instrumnet Name : P7  
 Client Sample ID : DC24728-23-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:58:29 DataFile Name : 140SMPL.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  | -0.02    | -0.01   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.02   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.03   | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 5.59     | 5.62    | 6.01     | 5.74       | 4.04    | ppb   |
| Phosphorus | 31-2  | 549.50   | 557.10  | 573.68   | 560.09     | 2.21    | ppb   |
| Potassium  | 39-2  | 418.96   | 409.14  | 443.76   | 423.95     | 4.21    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.22    | -0.22   | -0.21    | -0.22      |         | ppb   |
| Selenium   | 78-2  | -0.25    | -0.30   | 0.00     | -0.18      |         | ppb   |
| Selenium   | 82-1  | 0.58     | 0.16    | 0.36     | 0.36       | 57.93   | ppb   |
| Silicon    | 28-1  | 960.34   | 952.54  | 993.70   | 968.86     | 2.26    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.01     | 0.01       | 30.01   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.01     | 0.00       | 72.11   | ppb   |
| Sodium     | 23-2  | 10141.58 | 9796.55 | 10431.06 | 10123.07   | 3.14    | ppb   |
| Strontium  | 86-1  | 17.60    | 17.56   | 17.91    | 17.69      | 1.10    | ppb   |
| Strontium  | 88-1  | 17.99    | 17.87   | 18.21    | 18.02      | 0.95    | ppb   |
| Sulfur     | 34-1  | 585.87   | 656.45  | 1000.03  | 747.45     | 29.64   | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.01     | 0.00       | 106.05  | ppb   |
| Tin        | 118-1 | -0.07    | -0.09   | -0.07    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.38     | 0.84    | 0.36     | 0.52       | 51.35   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.04     | 0.05       | 19.28   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 258.83   | 249.78  | 269.24   | 259.28     | 3.75    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.01     | 0.01       | 31.32   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-23-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:58:29   | DataFile Name :   | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.06    | 0.03       | 102.01  | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-24 Instrumnet Name : P7  
 Client Sample ID : DC24728-24-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:01:55 DataFile Name : 141SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.48    | 7.66    | 8.71    | 8.28       | 6.65    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 19.26   | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.26    | 0.15    | 0.19       | 32.89   | ppb   |
| Barium     | 135-1 | 15.11   | 15.81   | 15.35   | 15.42      | 2.32    | ppb   |
| Barium     | 137-1 | 15.17   | 15.71   | 15.64   | 15.50      | 1.90    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.38    | 3.81    | 4.22    | 3.80       | 11.15   | ppb   |
| Boron      | 11-1  | 3.52    | 3.78    | 3.73    | 3.67       | 3.82    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.44   | -0.42   | -0.28   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | 0.01    | 0.02       | 82.63   | ppb   |
| Calcium    | 43-1  | 5280.46 | 5376.38 | 5356.44 | 5337.76    | 0.95    | ppb   |
| Calcium    | 44-1  | 5352.75 | 5517.88 | 5426.11 | 5432.25    | 1.52    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.04   | -0.07   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 134.92  | 137.30  | 138.49  | 136.90     | 1.33    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.68   | 20.35   | 19.59   | 19.87      | 2.10    | ppb   |
| Iron       | 57-2  | 25.54   | 30.75   | 25.08   | 27.12      | 11.62   | ppb   |
| Lead       | 206-1 | 0.25    | 0.27    | 0.26    | 0.26       | 3.34    | ppb   |
| Lead       | 207-1 | 0.22    | 0.23    | 0.24    | 0.23       | 4.35    | ppb   |
| Lead       | 208-1 | 0.23    | 0.25    | 0.24    | 0.24       | 4.72    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1086.09 | 1111.15 | 1111.87 | 1103.04    | 1.33    | ppb   |
| Manganese  | 55-2  | 8.99    | 9.44    | 9.24    | 9.23       | 2.46    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-24 Instrumnet Name : P7  
 Client Sample ID : DC24728-24-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:01:55 DataFile Name : 141SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.57    | 0.59     | 0.57     | 0.58       | 2.21    | ppb   |
| Phosphorus | 31-2  | 646.11  | 594.69   | 614.63   | 618.48     | 4.19    | ppb   |
| Potassium  | 39-2  | 411.89  | 426.98   | 424.19   | 421.02     | 1.91    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46    | 0.04     | -0.22      |         | ppb   |
| Selenium   | 78-2  | -0.64   | -0.35    | -0.45    | -0.48      |         | ppb   |
| Selenium   | 82-1  | 0.68    | 1.28     | 0.64     | 0.87       | 41.15   | ppb   |
| Silicon    | 28-1  | 927.83  | 969.77   | 955.82   | 951.14     | 2.25    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01     | 0.01     | 0.01       | 6.98    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01     | 0.01     | 0.01       | 14.22   | ppb   |
| Sodium     | 23-2  | 9906.51 | 10062.13 | 10031.49 | 10000.05   | 0.82    | ppb   |
| Strontium  | 86-1  | 18.04   | 17.70    | 17.38    | 17.71      | 1.86    | ppb   |
| Strontium  | 88-1  | 17.92   | 18.15    | 18.03    | 18.03      | 0.65    | ppb   |
| Sulfur     | 34-1  | 593.59  | 914.99   | 735.62   | 748.06     | 21.53   | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00     | 0.00       | 27.97   | ppb   |
| Tin        | 118-1 | -0.09   | -0.08    | -0.09    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.41    | 0.57     | 0.49     | 0.49       | 15.69   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05     | 0.06     | 0.05       | 11.53   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 15.72   | 16.09    | 15.96    | 15.92      | 1.20    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-24-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:01:55   | DataFile Name :   | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 57.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:05:21 | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.31   | -0.35   | -0.41   | -0.36      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.38   | -0.38   | -0.38      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.11   | -0.33   | -0.23   | -0.22      |         | ppb   |
| Boron      | 11-1  | -0.39   | -0.29   | -0.26   | -0.31      |         | ppb   |
| Cadmium    | 111-1 | -0.10   | 0.00    | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.20   | 0.25    | -0.29   | -0.41      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | 0.02    | -0.03      |         | ppb   |
| Calcium    | 43-1  | -1.97   | -1.87   | -1.21   | -1.68      |         | ppb   |
| Calcium    | 44-1  | -4.31   | -4.29   | -4.41   | -4.34      |         | ppb   |
| Chromium   | 52-2  | -0.06   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | 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  | -0.54   | -0.56   | -0.58   | -0.56      |         | ppb   |
| Iron       | 57-2  | -1.13   | -0.82   | -1.43   | -1.13      |         | ppb   |
| Lead       | 206-1 | -0.08   | -0.09   | -0.11   | -0.09      |         | ppb   |
| Lead       | 207-1 | -0.09   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Lead       | 208-1 | -0.09   | -0.09   | -0.10   | -0.09      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.03   | -1.12   | -1.02   | -1.06      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:05:21 | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -3.43   | -1.77   | -9.43   | -4.88      |         | ppb   |
| Potassium  | 39-2  | -10.79  | -10.36  | -9.58   | -10.24     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.20   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.57   | 0.03    | 0.20    | -0.11      |         | ppb   |
| Selenium   | 82-1  | -0.01   | 0.79    | 0.89    | 0.56       | 88.62   | ppb   |
| Silicon    | 28-1  | -9.20   | -10.20  | -8.41   | -9.27      |         | 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  | 0.22    | 2.16    | 3.03    | 1.80       | 79.96   | ppb   |
| Strontium  | 86-1  | -0.04   | -0.08   | -0.06   | -0.06      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 293.45  | 28.52   | 292.45  | 204.81     | 74.54   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.01    | -0.02   | 0.00    | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.77   | -0.83   | -0.82   | -0.81      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:05:21 | DataFile Name :   | 142SMPL.d |

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



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : PB101409BS Instrumnet Name : P7  
 Client Sample ID : PB101409BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:08:49 DataFile Name : 143SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.54    | 2.96    | 2.72    | 2.74       | 7.70    | ppb   |
| Antimony   | 121-1 | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.41   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.38   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.13   | -0.22   | -0.02   | -0.12      |         | ppb   |
| Boron      | 11-1  | -0.26   | -0.23   | -0.12   | -0.20      |         | ppb   |
| Cadmium    | 111-1 | -0.07   | 0.04    | -0.06   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.74   | 0.74    | -0.65   | -0.22      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -1.91   | -2.52   | -0.54   | -1.65      |         | ppb   |
| Calcium    | 44-1  | -1.57   | -2.14   | -2.39   | -2.03      |         | ppb   |
| Chromium   | 52-2  | -0.05   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.03   | -0.01   | -0.02      |         | 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  | 0.04    | -0.06   | -0.10   | -0.04      |         | ppb   |
| Iron       | 57-2  | -0.95   | -0.15   | -0.04   | -0.38      |         | ppb   |
| Lead       | 206-1 | 477.78  | 475.85  | 483.16  | 478.93     | 0.79    | ppb   |
| Lead       | 207-1 | 472.63  | 468.11  | 478.24  | 472.99     | 1.07    | ppb   |
| Lead       | 208-1 | 483.92  | 483.38  | 489.63  | 485.64     | 0.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.61   | -0.32   | -0.50   | -0.48      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | 0.01    | 0.01       | 52.01   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:08:49 | DataFile Name :   | 143SMPL.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  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -3.00   | -3.95   | -1.37   | -2.78      |         | ppb   |
| Potassium  | 39-2  | -6.76   | -8.94   | -5.93   | -7.21      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.07    | 0.07    | 0.07    | 0.07       | 0.39    | ppb   |
| Selenium   | 78-2  | 0.34    | -0.14   | -0.53   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.99    | 0.51    | 0.90    | 0.80       | 32.06   | ppb   |
| Silicon    | 28-1  | -8.00   | -9.47   | -8.15   | -8.54      |         | 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  | 3.80    | 3.48    | 2.63    | 3.31       | 18.32   | ppb   |
| Strontium  | 86-1  | -0.05   | -0.08   | -0.06   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 194.36  | 154.78  | 29.20   | 126.11     | 68.38   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.02    | 0.01    | 0.02       | 24.40   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.53   | -0.68   | -0.69   | -0.63      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:08:49 | DataFile Name :   | 143SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-01 Instrumnet Name : P7  
 Client Sample ID : DC24728-25-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:12:15 DataFile Name : 144SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 33.17   | 36.25   | 35.64   | 35.02      | 4.67    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.02    | 0.03       | 31.26   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.20    | 0.18    | 0.19       | 6.67    | ppb   |
| Barium     | 135-1 | 15.34   | 15.68   | 14.84   | 15.29      | 2.76    | ppb   |
| Barium     | 137-1 | 15.36   | 15.26   | 15.03   | 15.21      | 1.12    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.64    | 3.77    | 3.63    | 3.68       | 2.15    | ppb   |
| Boron      | 11-1  | 3.86    | 3.56    | 3.82    | 3.75       | 4.41    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.01   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.07    | -0.02   | -0.54   | -0.16      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.06    | 0.10    | 0.08       | 29.62   | ppb   |
| Calcium    | 43-1  | 5383.22 | 5332.67 | 5114.55 | 5276.81    | 2.71    | ppb   |
| Calcium    | 44-1  | 5466.38 | 5429.62 | 5269.24 | 5388.41    | 1.95    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.06   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.01       | 49.35   | ppb   |
| Copper     | 63-2  | 103.40  | 108.73  | 111.33  | 107.82     | 3.75    | 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  | 19.48   | 20.70   | 20.85   | 20.34      | 3.68    | ppb   |
| Iron       | 57-2  | 24.59   | 26.30   | 26.85   | 25.92      | 4.54    | ppb   |
| Lead       | 206-1 | 0.83    | 0.78    | 0.84    | 0.81       | 3.97    | ppb   |
| Lead       | 207-1 | 0.76    | 0.73    | 0.73    | 0.74       | 1.76    | ppb   |
| Lead       | 208-1 | 0.79    | 0.77    | 0.79    | 0.78       | 1.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1045.32 | 1098.59 | 1128.47 | 1090.79    | 3.86    | ppb   |
| Manganese  | 55-2  | 8.57    | 8.97    | 9.21    | 8.92       | 3.65    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-01 Instrumnet Name : P7  
 Client Sample ID : DC24728-25-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:12:15 DataFile Name : 144SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00     | 0.00     | 0.00       | 40.50   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.49    | 4.66     | 4.91     | 4.69       | 4.45    | ppb   |
| Phosphorus | 31-2  | 518.57  | 541.22   | 551.73   | 537.17     | 3.15    | ppb   |
| Potassium  | 39-2  | 389.72  | 421.93   | 437.30   | 416.32     | 5.83    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | 0.27    | 0.55     | -0.21    | 0.20       | 191.56  | ppb   |
| Selenium   | 78-2  | -0.18   | -0.13    | 0.04     | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.94    | 1.22     | 1.22     | 1.13       | 14.10   | ppb   |
| Silicon    | 28-1  | 1122.81 | 1112.55  | 1077.28  | 1104.22    | 2.16    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00     | 0.00       | 12.80   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00     | 0.00     | 0.00       | 108.76  | ppb   |
| Sodium     | 23-2  | 9572.33 | 10008.68 | 10301.15 | 9960.72    | 3.68    | ppb   |
| Strontium  | 86-1  | 17.75   | 17.69    | 17.70    | 17.71      | 0.18    | ppb   |
| Strontium  | 88-1  | 18.13   | 18.04    | 17.89    | 18.02      | 0.67    | ppb   |
| Sulfur     | 34-1  | 612.41  | 702.65   | 471.34   | 595.47     | 19.58   | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00     | 0.00       | 84.79   | ppb   |
| Tin        | 118-1 | 0.08    | 0.08     | 0.09     | 0.08       | 5.40    | ppb   |
| Titanium   | 47-1  | 0.59    | 0.41     | 0.40     | 0.47       | 23.16   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06     | 0.06     | 0.06       | 8.56    | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 760.95  | 800.31   | 821.45   | 794.24     | 3.87    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01     | 0.01     | 0.01       | 10.80   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-25-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:12:15   | DataFile Name :   | 144SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 45.56   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-02 Instrumnet Name : P7  
 Client Sample ID : DC24728-26-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:15:41 DataFile Name : 145SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.50    | 10.39   | 7.96    | 8.62       | 18.02   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.01    | 0.01       | 13.32   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.32    | 0.27    | 0.28       | 11.55   | ppb   |
| Barium     | 135-1 | 14.88   | 14.79   | 14.66   | 14.78      | 0.77    | ppb   |
| Barium     | 137-1 | 14.85   | 14.91   | 14.29   | 14.68      | 2.36    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.71    | 3.63    | 3.57    | 3.64       | 1.91    | ppb   |
| Boron      | 11-1  | 3.81    | 3.76    | 3.90    | 3.82       | 1.86    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.01    | 0.03    | 0.00       | 2214.13 | ppb   |
| Cadmium    | 106-1 | -0.25   | 0.27    | 0.49    | 0.17       | 225.94  | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.03   | 0.03    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5339.54 | 5346.17 | 5212.27 | 5299.33    | 1.42    | ppb   |
| Calcium    | 44-1  | 5396.57 | 5459.10 | 5293.53 | 5383.07    | 1.55    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 81.67   | 85.42   | 83.80   | 83.63      | 2.24    | 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  | 30.42   | 30.93   | 31.96   | 31.10      | 2.53    | ppb   |
| Iron       | 57-2  | 36.74   | 36.75   | 40.82   | 38.10      | 6.17    | ppb   |
| Lead       | 206-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1099.83 | 1137.50 | 1131.13 | 1122.82    | 1.80    | ppb   |
| Manganese  | 55-2  | 8.29    | 8.79    | 8.59    | 8.56       | 2.96    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-02 Instrumnet Name : P7  
 Client Sample ID : DC24728-26-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:15:41 DataFile Name : 145SMPL.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  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.20     | 0.18     | 0.18     | 0.19       | 5.55    | ppb   |
| Phosphorus | 31-2  | 652.22   | 685.01   | 705.14   | 680.79     | 3.92    | ppb   |
| Potassium  | 39-2  | 421.60   | 442.73   | 440.31   | 434.88     | 2.66    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.46    | -0.46    | -0.22    | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.57    | -0.61    | -0.34    | -0.51      |         | ppb   |
| Selenium   | 82-1  | 0.93     | 0.29     | 0.89     | 0.70       | 51.42   | ppb   |
| Silicon    | 28-1  | 946.16   | 952.89   | 938.51   | 945.85     | 0.76    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 131.26  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10018.55 | 10377.10 | 10274.58 | 10223.41   | 1.81    | ppb   |
| Strontium  | 86-1  | 16.94    | 17.72    | 17.17    | 17.28      | 2.31    | ppb   |
| Strontium  | 88-1  | 17.89    | 18.05    | 17.75    | 17.90      | 0.84    | ppb   |
| Sulfur     | 34-1  | 852.84   | 1039.57  | 790.23   | 894.21     | 14.51   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 189.17  | ppb   |
| Tin        | 118-1 | -0.11    | -0.09    | -0.09    | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.48     | 0.66     | 0.37     | 0.50       | 28.85   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.05     | 0.05       | 4.44    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 6.98     | 7.74     | 7.22     | 7.31       | 5.33    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.02     | 0.01       | 79.21   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-26-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:15:41   | DataFile Name :   | 145SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 58.36   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:19:07 | DataFile Name :   | 146SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.24    | 2.39    | 2.32    | 2.65       | 19.41   | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.39   | -0.41   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.37   | -0.37   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.41    | 0.54    | 0.28    | 0.41       | 31.43   | ppb   |
| Boron      | 11-1  | -0.03   | -0.02   | 0.18    | 0.04       | 270.33  | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.04   | 0.01    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.22    | -0.38   | 0.38    | 0.07       | 557.81  | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.05   | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 0.37    | -2.65   | -2.08   | -1.45      |         | ppb   |
| Calcium    | 44-1  | -2.45   | -1.15   | -2.80   | -2.13      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.04   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.68    | 0.69    | 0.68    | 0.68       | 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  | -0.01   | -0.01   | -0.07   | -0.03      |         | ppb   |
| Iron       | 57-2  | -0.54   | 0.18    | -0.82   | -0.39      |         | ppb   |
| Lead       | 206-1 | 468.73  | 471.96  | 468.85  | 469.85     | 0.39    | ppb   |
| Lead       | 207-1 | 463.48  | 465.27  | 463.45  | 464.07     | 0.22    | ppb   |
| Lead       | 208-1 | 474.56  | 476.91  | 476.98  | 476.15     | 0.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.14   | -0.84   | -0.58   | -0.52      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:19:07 | DataFile Name :   | 146SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -1.41   | -12.75  | -2.09   | -5.42      |         | ppb   |
| Potassium  | 39-2  | 1.26    | -1.19   | -2.73   | -0.88      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.06    | -0.46   | -0.21   | -0.20      |         | ppb   |
| Selenium   | 78-2  | -0.47   | -0.51   | -0.42   | -0.47      |         | ppb   |
| Selenium   | 82-1  | 0.37    | 0.45    | 0.29    | 0.37       | 22.41   | ppb   |
| Silicon    | 28-1  | -10.44  | -11.06  | -12.01  | -11.17     |         | 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  | 4.95    | 3.44    | 1.44    | 3.28       | 53.72   | ppb   |
| Strontium  | 86-1  | -0.02   | -0.06   | -0.05   | -0.04      |         | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 639.89  | 570.54  | 381.45  | 530.62     | 25.21   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 90.28   | ppb   |
| Tin        | 118-1 | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.00    | 0.01    | 0.01       | 31.27   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.79   | -0.81   | -0.76   | -0.79      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:19:07 | DataFile Name :   | 146SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:22:33 | DataFile Name :   | 147SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.29    | 0.09    | -0.10   | 0.09       | 213.86  | ppb   |
| Antimony   | 121-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.40   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.36   | -0.36   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.31   | -0.33   | -0.07   | -0.24      |         | ppb   |
| Boron      | 11-1  | -0.24   | -0.28   | -0.23   | -0.25      |         | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.05    | 0.17    | -0.02   | 0.06       | 150.75  | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 5.17    | 6.55    | 4.47    | 5.40       | 19.64   | ppb   |
| Calcium    | 44-1  | 1.44    | 4.34    | 2.28    | 2.69       | 55.49   | ppb   |
| Chromium   | 52-2  | 0.00    | -0.05   | -0.08   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.00    | 0.01    | 0.01       | 136.59  | 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  | -0.16   | -0.31   | -0.16   | -0.21      |         | ppb   |
| Iron       | 57-2  | 0.07    | -1.04   | -0.58   | -0.52      |         | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.01   | -0.04   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.82   | -0.45   | -0.62   | -0.63      |         | ppb   |
| Manganese  | 55-2  | 0.04    | 0.02    | 0.03    | 0.03       | 20.78   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:22:33 | DataFile Name :   | 147SMPL.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  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -3.93   | 1.58    | 1.48    | -0.29      |         | ppb   |
| Potassium  | 39-2  | -4.49   | -7.55   | -7.61   | -6.55      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.20   | 0.04    | -0.46   | -0.21      |         | ppb   |
| Selenium   | 78-2  | 0.32    | -0.51   | -0.31   | -0.17      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.14    | 0.38    | 0.22       | 62.04   | ppb   |
| Silicon    | 28-1  | -13.70  | -12.29  | -12.55  | -12.85     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 3.40    | -0.72   | -0.01   | 0.89       | 247.52  | ppb   |
| Strontium  | 86-1  | -0.09   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 371.50  | 543.16  | 501.34  | 472.00     | 18.96   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.00    | -0.02   | 0.01       | 461.05  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.56   | -0.54   | -0.59   | -0.57      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:22:33 | DataFile Name :   | 147SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-27-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:26:00 DataFile Name : 148SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.76   | 21.97   | 30.35   | 25.36      | 17.42   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.07    | 0.07       | 6.25    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.17    | 0.18    | 0.18       | 4.50    | ppb   |
| Barium     | 135-1 | 15.59   | 15.78   | 15.74   | 15.71      | 0.63    | ppb   |
| Barium     | 137-1 | 15.85   | 15.92   | 15.44   | 15.74      | 1.63    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.38    | 4.56    | 3.41    | 4.12       | 15.07   | ppb   |
| Boron      | 11-1  | 3.74    | 3.92    | 3.87    | 3.84       | 2.44    | ppb   |
| Cadmium    | 111-1 | 0.17    | 0.19    | 0.20    | 0.19       | 7.25    | ppb   |
| Cadmium    | 106-1 | 0.58    | 0.39    | 0.68    | 0.55       | 26.75   | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.25    | 0.37    | 0.27       | 37.13   | ppb   |
| Calcium    | 43-1  | 5431.34 | 5535.14 | 5482.85 | 5483.11    | 0.95    | ppb   |
| Calcium    | 44-1  | 5508.21 | 5565.85 | 5562.17 | 5545.41    | 0.58    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.14    | 0.14    | 0.14    | 0.14       | 1.11    | ppb   |
| Copper     | 63-2  | 329.74  | 324.36  | 333.97  | 329.36     | 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  | 26.58   | 26.22   | 25.19   | 26.00      | 2.77    | ppb   |
| Iron       | 57-2  | 30.64   | 28.75   | 29.80   | 29.73      | 3.17    | ppb   |
| Lead       | 206-1 | 13.09   | 12.87   | 13.12   | 13.03      | 1.05    | ppb   |
| Lead       | 207-1 | 11.74   | 11.79   | 11.77   | 11.77      | 0.24    | ppb   |
| Lead       | 208-1 | 12.32   | 12.30   | 12.52   | 12.38      | 1.00    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1186.70 | 1178.58 | 1207.43 | 1190.90    | 1.25    | ppb   |
| Manganese  | 55-2  | 14.71   | 14.34   | 14.70   | 14.58      | 1.44    | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-27-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:26:00 DataFile Name : 148SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00     | 0.00       | 128.27  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.02    | 0.00     | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.02    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 75.05    | 73.22    | 76.14    | 74.80      | 1.98    | ppb   |
| Phosphorus | 31-2  | 480.64   | 474.69   | 527.43   | 494.25     | 5.84    | ppb   |
| Potassium  | 39-2  | 477.68   | 467.81   | 482.06   | 475.85     | 1.53    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.46    | 0.02     | -0.46    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.29    | -0.69    | 0.21     | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.68     | 0.77     | 0.56     | 0.67       | 15.60   | ppb   |
| Silicon    | 28-1  | 934.39   | 945.67   | 1029.07  | 969.71     | 5.33    | ppb   |
| Silver     | 109-1 | 0.08     | 0.04     | 0.04     | 0.05       | 46.10   | ppb   |
| Silver     | 107-1 | 0.13     | 0.03     | 0.03     | 0.07       | 87.03   | ppb   |
| Sodium     | 23-2  | 10154.70 | 10035.43 | 10245.61 | 10145.24   | 1.04    | ppb   |
| Strontium  | 86-1  | 17.99    | 18.31    | 18.43    | 18.24      | 1.27    | ppb   |
| Strontium  | 88-1  | 18.42    | 18.38    | 18.60    | 18.46      | 0.62    | ppb   |
| Sulfur     | 34-1  | 684.21   | 973.92   | 975.64   | 877.92     | 19.11   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 71.51   | ppb   |
| Tin        | 118-1 | 0.13     | 0.13     | 0.12     | 0.13       | 3.37    | ppb   |
| Titanium   | 47-1  | 0.49     | 0.45     | 0.39     | 0.44       | 11.28   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05     | 0.04     | 0.04       | 7.91    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 875.43   | 864.54   | 889.99   | 876.65     | 1.46    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 31.82   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-27-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:26:00   | DataFile Name :   | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.03    | 0.02       | 48.75   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-04 Instrumnet Name : P7  
 Client Sample ID : DC24728-28-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:29:26 DataFile Name : 149SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.62   | 10.86   | 13.00   | 11.83      | 9.19    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.02    | 0.03    | 0.03       | 21.54   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.23    | 0.25    | 0.25       | 6.70    | ppb   |
| Barium     | 135-1 | 14.16   | 14.80   | 14.28   | 14.42      | 2.37    | ppb   |
| Barium     | 137-1 | 14.14   | 14.13   | 14.19   | 14.15      | 0.25    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.96    | 3.95    | 4.22    | 4.04       | 3.69    | ppb   |
| Boron      | 11-1  | 3.54    | 3.38    | 3.62    | 3.51       | 3.49    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.04   | -0.06   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.13   | -0.44   | -0.66   | -0.41      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | 0.05    | 0.03       | 64.87   | ppb   |
| Calcium    | 43-1  | 5259.41 | 5243.76 | 5186.86 | 5230.01    | 0.73    | ppb   |
| Calcium    | 44-1  | 5420.00 | 5353.11 | 5231.63 | 5334.91    | 1.79    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 269.35  | ppb   |
| Copper     | 63-2  | 153.30  | 147.91  | 152.39  | 151.20     | 1.91    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.93   | 22.28   | 22.80   | 23.67      | 8.35    | ppb   |
| Iron       | 57-2  | 29.39   | 31.37   | 35.01   | 31.92      | 8.94    | ppb   |
| Lead       | 206-1 | 0.40    | 0.40    | 0.38    | 0.39       | 2.45    | ppb   |
| Lead       | 207-1 | 0.36    | 0.33    | 0.35    | 0.35       | 4.03    | ppb   |
| Lead       | 208-1 | 0.39    | 0.37    | 0.37    | 0.37       | 2.89    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1126.40 | 1089.81 | 1118.93 | 1111.71    | 1.74    | ppb   |
| Manganese  | 55-2  | 8.02    | 8.20    | 8.13    | 8.12       | 1.13    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-04 Instrumnet Name : P7  
 Client Sample ID : DC24728-28-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:29:26 DataFile Name : 149SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.00    | 0.00     | 0.01       | 52.22   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.02   | -0.02    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02   | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.03   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.03   | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 3.28     | 3.12    | 3.05     | 3.15       | 3.71    | ppb   |
| Phosphorus | 31-2  | 656.32   | 655.67  | 643.70   | 651.90     | 1.09    | ppb   |
| Potassium  | 39-2  | 442.42   | 415.30  | 438.33   | 432.02     | 3.38    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.46    | 0.03    | -0.46    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.23    | -1.01   | -0.16    | -0.47      |         | ppb   |
| Selenium   | 82-1  | -0.11    | 1.11    | 0.52     | 0.50       | 121.37  | ppb   |
| Silicon    | 28-1  | 958.30   | 987.12  | 912.43   | 952.62     | 3.95    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01     | 0.01       | 43.14   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01     | 0.01       | 19.91   | ppb   |
| Sodium     | 23-2  | 10327.52 | 9880.54 | 10234.44 | 10147.50   | 2.32    | ppb   |
| Strontium  | 86-1  | 17.42    | 17.19   | 17.15    | 17.25      | 0.85    | ppb   |
| Strontium  | 88-1  | 17.88    | 17.51   | 17.38    | 17.59      | 1.49    | ppb   |
| Sulfur     | 34-1  | 575.77   | 542.17  | 453.02   | 523.65     | 12.11   | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.08    | -0.08   | -0.09    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.54     | 0.48    | 0.41     | 0.48       | 13.43   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05    | 0.05     | 0.05       | 6.15    | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 55.38    | 53.47   | 53.67    | 54.17      | 1.94    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01    | 0.00     | 0.00       | 54.37   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-28-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:29:26   | DataFile Name :   | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 37.47   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-05 Instrumnet Name : P7  
 Client Sample ID : DC24728-29-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:32:52 DataFile Name : 150SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.02    | 5.55    | 5.26    | 6.28       | 24.11   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.95    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.20    | 0.26    | 0.21       | 17.18   | ppb   |
| Barium     | 135-1 | 15.42   | 15.34   | 15.26   | 15.34      | 0.55    | ppb   |
| Barium     | 137-1 | 15.41   | 15.03   | 15.57   | 15.33      | 1.82    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.28    | 4.16    | 4.28    | 4.24       | 1.64    | ppb   |
| Boron      | 11-1  | 3.75    | 4.01    | 4.07    | 3.94       | 4.32    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.04   | 0.00    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.18   | -0.54   | -0.04   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.12    | 0.04    | 0.06       | 78.97   | ppb   |
| Calcium    | 43-1  | 5199.41 | 5204.09 | 5310.67 | 5238.06    | 1.20    | ppb   |
| Calcium    | 44-1  | 5314.31 | 5369.76 | 5319.07 | 5334.38    | 0.58    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.02   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 108.11  | ppb   |
| Copper     | 63-2  | 214.93  | 214.40  | 216.11  | 215.15     | 0.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.96   | 17.94   | 30.52   | 22.47      | 31.09   | ppb   |
| Iron       | 57-2  | 26.27   | 22.99   | 23.69   | 24.32      | 7.12    | ppb   |
| Lead       | 206-1 | 0.94    | 0.95    | 0.93    | 0.94       | 1.48    | ppb   |
| Lead       | 207-1 | 0.86    | 0.86    | 0.84    | 0.86       | 1.78    | ppb   |
| Lead       | 208-1 | 0.90    | 0.89    | 0.88    | 0.89       | 1.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1111.97 | 1115.55 | 1102.79 | 1110.11    | 0.59    | ppb   |
| Manganese  | 55-2  | 11.11   | 10.94   | 10.76   | 10.94      | 1.58    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-05 Instrumnet Name : P7  
 Client Sample ID : DC24728-29-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:32:52 DataFile Name : 150SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.03    | -0.05   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.02    | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 2.36    | 2.40     | 2.23    | 2.33       | 3.71    | ppb   |
| Phosphorus | 31-2  | 524.43  | 561.71   | 596.87  | 561.00     | 6.46    | ppb   |
| Potassium  | 39-2  | 426.82  | 429.31   | 429.22  | 428.45     | 0.33    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | 0.03    | -0.46    | -0.46   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.41   | 0.18     | -0.70   | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.51    | 0.75     | 0.23    | 0.50       | 52.13   | ppb   |
| Silicon    | 28-1  | 937.77  | 969.71   | 948.02  | 951.83     | 1.71    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03     | 0.02    | 0.03       | 8.16    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02     | 0.03    | 0.02       | 19.39   | ppb   |
| Sodium     | 23-2  | 9994.35 | 10042.99 | 9946.28 | 9994.54    | 0.48    | ppb   |
| Strontium  | 86-1  | 17.37   | 16.96    | 17.53   | 17.29      | 1.72    | ppb   |
| Strontium  | 88-1  | 17.52   | 17.62    | 17.51   | 17.55      | 0.35    | ppb   |
| Sulfur     | 34-1  | 478.14  | 547.22   | 404.67  | 476.68     | 14.95   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00    | 0.00       | 51.22   | ppb   |
| Tin        | 118-1 | -0.10   | -0.08    | -0.08   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.40     | 0.35    | 0.35       | 13.80   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05     | 0.05    | 0.05       | 8.00    | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 494.01  | 499.06   | 496.13  | 496.40     | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01     | 0.00    | 0.01       | 133.07  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-29-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:32:52  | DataFile Name :   | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.02    | 0.03       | 42.16   | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-06 Instrumnet Name : P7  
 Client Sample ID : DC24728-30-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:36:18 DataFile Name : 151SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.59    | 4.87    | 8.27    | 5.91       | 34.73   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.45   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.26    | 0.30    | 0.27       | 11.35   | ppb   |
| Barium     | 135-1 | 15.02   | 14.65   | 14.72   | 14.80      | 1.35    | ppb   |
| Barium     | 137-1 | 14.62   | 14.55   | 14.99   | 14.72      | 1.62    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.62    | 3.33    | 3.77    | 3.58       | 6.20    | ppb   |
| Boron      | 11-1  | 3.37    | 3.59    | 3.90    | 3.62       | 7.35    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.04   | -0.10   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.25   | -0.36   | -1.15   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5313.60 | 5232.84 | 5176.79 | 5241.08    | 1.31    | ppb   |
| Calcium    | 44-1  | 5352.75 | 5294.05 | 5291.05 | 5312.62    | 0.65    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 126.99  | 124.74  | 123.33  | 125.02     | 1.48    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.06   | 24.44   | 23.25   | 24.25      | 3.79    | ppb   |
| Iron       | 57-2  | 29.51   | 31.27   | 27.38   | 29.39      | 6.63    | ppb   |
| Lead       | 206-1 | 0.02    | 0.01    | 0.02    | 0.02       | 42.13   | ppb   |
| Lead       | 207-1 | 0.02    | 0.01    | -0.01   | 0.01       | 153.85  | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | 0.00    | 0.00       | 159.12  | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1097.71 | 1076.13 | 1063.08 | 1078.98    | 1.62    | ppb   |
| Manganese  | 55-2  | 6.81    | 6.79    | 7.17    | 6.93       | 3.11    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-30-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:36:18  | DataFile Name :   | 151SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.03   | 0.00    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.17    | 0.23    | 0.20    | 0.20       | 13.10   | ppb   |
| Phosphorus | 31-2  | 610.55  | 640.58  | 616.78  | 622.63     | 2.55    | ppb   |
| Potassium  | 39-2  | 420.46  | 414.76  | 405.54  | 413.59     | 1.82    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.22   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.73   | -0.52   | 0.10    | -0.39      |         | ppb   |
| Selenium   | 82-1  | 0.67    | 1.14    | 1.09    | 0.97       | 26.48   | ppb   |
| Silicon    | 28-1  | 925.71  | 920.01  | 915.17  | 920.30     | 0.57    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 99.11   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 151.42  | ppb   |
| Sodium     | 23-2  | 9974.26 | 9743.92 | 9597.80 | 9771.99    | 1.94    | ppb   |
| Strontium  | 86-1  | 17.13   | 16.86   | 16.99   | 16.99      | 0.79    | ppb   |
| Strontium  | 88-1  | 17.64   | 17.51   | 17.57   | 17.57      | 0.38    | ppb   |
| Sulfur     | 34-1  | 445.69  | 336.36  | 404.04  | 395.37     | 13.96   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.30    | 0.50    | 0.39       | 26.94   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.03    | 0.04       | 23.36   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.55    | 9.95    | 9.58    | 9.70       | 2.31    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 434.94  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-30-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:36:18  | DataFile Name :   | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 70.50   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-07 Instrumnet Name : P7  
 Client Sample ID : DC24728-31-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:39:44 DataFile Name : 152SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.64    | 8.73    | 7.44    | 7.94       | 8.75    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 11.60   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.19    | 0.26    | 0.22       | 16.86   | ppb   |
| Barium     | 135-1 | 15.63   | 16.41   | 15.66   | 15.90      | 2.78    | ppb   |
| Barium     | 137-1 | 15.23   | 16.37   | 15.74   | 15.78      | 3.61    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.63    | 3.88    | 3.69    | 3.73       | 3.43    | ppb   |
| Boron      | 11-1  | 3.92    | 3.80    | 3.78    | 3.83       | 2.00    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.08    | -0.44   | -0.40   | -0.25      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.11    | 0.06    | 0.06       | 83.57   | ppb   |
| Calcium    | 43-1  | 5258.16 | 5476.41 | 5479.60 | 5404.72    | 2.35    | ppb   |
| Calcium    | 44-1  | 5420.82 | 5626.78 | 5582.35 | 5543.32    | 1.96    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.06   | -0.04   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 6.13    | ppb   |
| Copper     | 63-2  | 127.77  | 132.08  | 138.27  | 132.71     | 3.98    | 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  | 24.55   | 29.22   | 28.39   | 27.39      | 9.09    | ppb   |
| Iron       | 57-2  | 32.54   | 32.60   | 32.35   | 32.50      | 0.41    | ppb   |
| Lead       | 206-1 | 1.76    | 1.80    | 1.86    | 1.81       | 2.79    | ppb   |
| Lead       | 207-1 | 1.66    | 1.75    | 1.72    | 1.71       | 2.61    | ppb   |
| Lead       | 208-1 | 1.70    | 1.80    | 1.78    | 1.76       | 2.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1089.36 | 1115.93 | 1175.93 | 1127.07    | 3.93    | ppb   |
| Manganese  | 55-2  | 10.32   | 11.07   | 11.20   | 10.86      | 4.36    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-07 Instrumnet Name : P7  
 Client Sample ID : DC24728-31-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:39:44 DataFile Name : 152SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.02   | -0.03    | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 6.36    | 6.33    | 6.64     | 6.44       | 2.65    | ppb   |
| Phosphorus | 31-2  | 570.00  | 563.33  | 642.69   | 592.00     | 7.44    | ppb   |
| Potassium  | 39-2  | 405.14  | 423.98  | 454.66   | 427.93     | 5.84    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46   | -0.21    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.12   | -0.28   | -0.19    | -0.19      |         | ppb   |
| Selenium   | 82-1  | 1.56    | 1.49    | 1.52     | 1.52       | 2.11    | ppb   |
| Silicon    | 28-1  | 934.18  | 992.45  | 976.91   | 967.85     | 3.12    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02     | 0.02       | 14.88   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02     | 0.01       | 49.46   | ppb   |
| Sodium     | 23-2  | 9784.46 | 9949.33 | 10543.27 | 10092.35   | 3.95    | ppb   |
| Strontium  | 86-1  | 18.06   | 18.36   | 17.72    | 18.05      | 1.79    | ppb   |
| Strontium  | 88-1  | 18.39   | 18.50   | 18.03    | 18.31      | 1.34    | ppb   |
| Sulfur     | 34-1  | 416.14  | 870.46  | 903.83   | 730.14     | 37.31   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00     | 0.00       | 41.73   | ppb   |
| Tin        | 118-1 | -0.09   | -0.08   | -0.08    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.49    | 0.54     | 0.48       | 15.79   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.04     | 0.05       | 7.83    | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 197.85  | 205.28  | 215.38   | 206.17     | 4.27    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.01     | 0.01       | 38.70   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-31-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:39:44  | DataFile Name :   | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 31.66   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-08 Instrumnet Name : P7  
 Client Sample ID : DC24728-32-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:43:10 DataFile Name : 153SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.05    | 7.02    | 8.31    | 7.46       | 9.88    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.06    | 0.06    | 0.07       | 11.34   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.25    | 0.26    | 0.24       | 12.00   | ppb   |
| Barium     | 135-1 | 15.81   | 15.35   | 15.64   | 15.60      | 1.51    | ppb   |
| Barium     | 137-1 | 15.77   | 15.45   | 15.63   | 15.62      | 1.01    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.49    | 3.75    | 3.54    | 3.93       | 12.84   | ppb   |
| Boron      | 11-1  | 3.85    | 3.85    | 3.96    | 3.89       | 1.68    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.02   | -0.03   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.75    | -0.12   | -0.24   | 0.13       | 416.65  | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | -0.03   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5374.12 | 5227.12 | 5428.13 | 5343.13    | 1.95    | ppb   |
| Calcium    | 44-1  | 5471.93 | 5289.09 | 5544.72 | 5435.25    | 2.42    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 131.55  | 135.35  | 132.24  | 133.04     | 1.52    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.39   | 24.18   | 25.60   | 24.72      | 3.11    | ppb   |
| Iron       | 57-2  | 29.36   | 30.89   | 26.44   | 28.90      | 7.83    | ppb   |
| Lead       | 206-1 | 0.31    | 0.29    | 0.28    | 0.29       | 4.21    | ppb   |
| Lead       | 207-1 | 0.27    | 0.25    | 0.25    | 0.26       | 4.75    | ppb   |
| Lead       | 208-1 | 0.29    | 0.26    | 0.26    | 0.27       | 5.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1069.17 | 1087.88 | 1074.47 | 1077.18    | 0.90    | ppb   |
| Manganese  | 55-2  | 7.42    | 7.41    | 7.28    | 7.37       | 1.08    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-08 Instrumnet Name : P7  
 Client Sample ID : DC24728-32-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:43:10 DataFile Name : 153SMPL.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  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.02    | 1.08    | 1.04    | 1.04       | 2.86    | ppb   |
| Phosphorus | 31-2  | 619.83  | 616.75  | 639.07  | 625.22     | 1.93    | ppb   |
| Potassium  | 39-2  | 414.89  | 426.64  | 419.69  | 420.41     | 1.41    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46   | 0.28    | -0.13      |         | ppb   |
| Selenium   | 78-2  | -0.42   | -0.10   | -0.15   | -0.22      |         | ppb   |
| Selenium   | 82-1  | 0.48    | 0.44    | 0.51    | 0.48       | 7.15    | ppb   |
| Silicon    | 28-1  | 975.48  | 934.13  | 977.94  | 962.51     | 2.56    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.86   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.94   | ppb   |
| Sodium     | 23-2  | 9718.83 | 9894.55 | 9687.17 | 9766.85    | 1.14    | ppb   |
| Strontium  | 86-1  | 17.70   | 17.05   | 17.80   | 17.52      | 2.32    | ppb   |
| Strontium  | 88-1  | 18.29   | 17.61   | 18.18   | 18.03      | 2.01    | ppb   |
| Sulfur     | 34-1  | 1272.37 | 938.45  | 1449.86 | 1220.23    | 21.28   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 67.21   | ppb   |
| Tin        | 118-1 | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.39    | 0.43    | 0.40       | 5.35    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.05    | 0.05       | 9.09    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.53   | 19.47   | 19.10   | 19.03      | 2.47    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 38.97   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-32-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:43:10  | DataFile Name :   | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 48.94   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-09 Instrumnet Name : P7  
 Client Sample ID : DC24728-33-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:46:36 DataFile Name : 154SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.48    | 8.55    | 8.80    | 8.95       | 5.39    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.04    | 0.03    | 0.03       | 23.35   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.26    | 0.20    | 0.23       | 12.46   | ppb   |
| Barium     | 135-1 | 14.76   | 14.74   | 14.68   | 14.73      | 0.27    | ppb   |
| Barium     | 137-1 | 14.30   | 14.52   | 14.59   | 14.47      | 1.04    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.92    | 3.82    | 4.46    | 4.07       | 8.46    | ppb   |
| Boron      | 11-1  | 3.97    | 3.62    | 3.75    | 3.78       | 4.61    | ppb   |
| Cadmium    | 111-1 | 0.35    | 0.37    | 0.35    | 0.36       | 3.65    | ppb   |
| Cadmium    | 106-1 | 0.18    | 0.08    | 0.41    | 0.22       | 77.23   | ppb   |
| Cadmium    | 108-1 | 0.31    | 0.32    | 0.33    | 0.32       | 3.25    | ppb   |
| Calcium    | 43-1  | 5323.89 | 5279.08 | 5256.88 | 5286.62    | 0.65    | ppb   |
| Calcium    | 44-1  | 5371.32 | 5367.49 | 5366.22 | 5368.34    | 0.05    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 24.54   | ppb   |
| Copper     | 63-2  | 136.68  | 138.84  | 139.32  | 138.28     | 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  | 20.53   | 20.94   | 20.80   | 20.76      | 1.01    | ppb   |
| Iron       | 57-2  | 27.81   | 26.71   | 24.95   | 26.49      | 5.45    | ppb   |
| Lead       | 206-1 | 0.72    | 0.66    | 0.65    | 0.68       | 4.94    | ppb   |
| Lead       | 207-1 | 0.60    | 0.63    | 0.63    | 0.62       | 2.56    | ppb   |
| Lead       | 208-1 | 0.65    | 0.65    | 0.66    | 0.65       | 0.72    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1102.93 | 1120.53 | 1121.66 | 1115.04    | 0.94    | ppb   |
| Manganese  | 55-2  | 12.74   | 12.82   | 12.56   | 12.71      | 1.03    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-33-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:46:36  | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00     | 0.00     | 0.00       | 87.83   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.65    | 5.56     | 5.47     | 5.56       | 1.61    | ppb   |
| Phosphorus | 31-2  | 574.36  | 599.68   | 621.49   | 598.51     | 3.94    | ppb   |
| Potassium  | 39-2  | 424.82  | 432.19   | 433.59   | 430.20     | 1.10    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.22    | -0.46    | -0.30      |         | ppb   |
| Selenium   | 78-2  | 0.17    | -0.19    | -0.12    | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.01    | 0.33     | 1.09     | 0.48       | 115.61  | ppb   |
| Silicon    | 28-1  | 964.07  | 956.44   | 944.01   | 954.84     | 1.06    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03     | 0.02     | 0.02       | 23.69   | ppb   |
| Silver     | 107-1 | 0.02    | 0.03     | 0.01     | 0.02       | 33.71   | ppb   |
| Sodium     | 23-2  | 9979.01 | 10141.20 | 10023.30 | 10047.84   | 0.83    | ppb   |
| Strontium  | 86-1  | 17.28   | 17.38    | 17.20    | 17.29      | 0.53    | ppb   |
| Strontium  | 88-1  | 17.57   | 17.66    | 17.66    | 17.63      | 0.30    | ppb   |
| Sulfur     | 34-1  | 1173.67 | 1126.84  | 974.61   | 1091.71    | 9.53    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.01     | 0.00       | 64.84   | ppb   |
| Tin        | 118-1 | -0.09   | -0.08    | -0.09    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 1.34     | 0.36     | 0.67       | 87.32   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03     | 0.05     | 0.04       | 16.72   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 379.25  | 385.98   | 383.16   | 382.80     | 0.88    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00     | 0.00     | 0.00       | 120.61  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-33-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:46:36  | DataFile Name :   | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | 0.01    | 0.01       | 57.61   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-10 Instrumnet Name : P7  
 Client Sample ID : DC24728-34-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:50:02 DataFile Name : 155SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.27    | 5.86    | 7.73    | 6.29       | 20.41   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 8.70    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.21    | 0.25    | 0.24       | 9.58    | ppb   |
| Barium     | 135-1 | 14.95   | 14.59   | 15.25   | 14.93      | 2.24    | ppb   |
| Barium     | 137-1 | 14.70   | 14.41   | 14.93   | 14.68      | 1.76    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.13    | 3.83    | 4.04    | 4.00       | 3.85    | ppb   |
| Boron      | 11-1  | 3.85    | 3.79    | 3.87    | 3.84       | 1.08    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.40    | -0.39   | 0.08    | 0.03       | 1459.60 | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.03   | 0.01    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5214.58 | 5163.86 | 5312.27 | 5230.24    | 1.44    | ppb   |
| Calcium    | 44-1  | 5272.91 | 5222.85 | 5351.19 | 5282.32    | 1.22    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 116.07  | 117.42  | 119.99  | 117.83     | 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  | 23.07   | 26.84   | 23.84   | 24.58      | 8.08    | ppb   |
| Iron       | 57-2  | 30.19   | 28.37   | 28.16   | 28.90      | 3.85    | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.06    | 0.05       | 18.56   | ppb   |
| Lead       | 207-1 | 0.04    | 0.02    | 0.03    | 0.03       | 30.23   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.04    | 0.03       | 8.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1075.85 | 1086.71 | 1098.27 | 1086.94    | 1.03    | ppb   |
| Manganese  | 55-2  | 7.54    | 7.61    | 7.73    | 7.62       | 1.25    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-10 Instrumnet Name : P7  
 Client Sample ID : DC24728-34-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:50:02 DataFile Name : 155SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.28    | 0.28    | 0.25     | 0.27       | 6.67    | ppb   |
| Phosphorus | 31-2  | 623.67  | 613.57  | 648.84   | 628.70     | 2.89    | ppb   |
| Potassium  | 39-2  | 413.97  | 416.38  | 432.69   | 421.01     | 2.42    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | 0.03    | -0.21   | 0.03     | -0.05      |         | ppb   |
| Selenium   | 78-2  | -0.02   | -0.50   | -0.81    | -0.44      |         | ppb   |
| Selenium   | 82-1  | 0.59    | 0.78    | 0.68     | 0.68       | 14.19   | ppb   |
| Silicon    | 28-1  | 921.56  | 920.39  | 937.13   | 926.36     | 1.01    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01     | 0.00       | 40.36   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00     | 0.00       | 31.90   | ppb   |
| Sodium     | 23-2  | 9783.87 | 9932.74 | 10042.96 | 9919.86    | 1.31    | ppb   |
| Strontium  | 86-1  | 17.14   | 17.42   | 17.73    | 17.43      | 1.69    | ppb   |
| Strontium  | 88-1  | 17.55   | 17.59   | 17.88    | 17.67      | 1.03    | ppb   |
| Sulfur     | 34-1  | 876.55  | 790.75  | 1169.64  | 945.64     | 21.01   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00     | 0.00       | 119.53  | ppb   |
| Tin        | 118-1 | -0.09   | -0.10   | -0.10    | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.48    | 0.38    | 0.45     | 0.44       | 11.35   | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.05     | 0.05       | 15.57   | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 6.34    | 6.38    | 6.29     | 6.34       | 0.74    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.00     | 0.00       | 334.29  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-34-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:50:02  | DataFile Name :   | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.00    | 0.01    | 0.01       | 117.62  | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-11 Instrumnet Name : P7  
 Client Sample ID : DC24728-35-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:53:28 DataFile Name : 156SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.47   | 8.47    | 8.79    | 10.25      | 27.33   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.07    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.23    | 0.28    | 0.25       | 9.62    | ppb   |
| Barium     | 135-1 | 15.42   | 16.09   | 15.43   | 15.64      | 2.45    | ppb   |
| Barium     | 137-1 | 15.46   | 15.43   | 15.57   | 15.48      | 0.48    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.63    | 3.13    | 3.80    | 3.52       | 9.93    | ppb   |
| Boron      | 11-1  | 3.66    | 3.52    | 3.80    | 3.66       | 3.76    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.01    | -0.05   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.16    | 0.13    | -0.68   | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.13    | -0.02   | 0.06       | 134.07  | ppb   |
| Calcium    | 43-1  | 5250.37 | 5285.98 | 5429.18 | 5321.84    | 1.78    | ppb   |
| Calcium    | 44-1  | 5353.67 | 5343.97 | 5449.97 | 5382.54    | 1.09    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.01    | 0.02    | 0.02       | 27.09   | ppb   |
| Copper     | 63-2  | 131.70  | 131.25  | 132.39  | 131.78     | 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  | 25.45   | 23.75   | 24.95   | 24.72      | 3.54    | ppb   |
| Iron       | 57-2  | 30.50   | 29.89   | 27.66   | 29.35      | 5.09    | ppb   |
| Lead       | 206-1 | 1.14    | 1.18    | 1.23    | 1.19       | 3.77    | ppb   |
| Lead       | 207-1 | 1.06    | 1.03    | 1.09    | 1.06       | 2.69    | ppb   |
| Lead       | 208-1 | 1.10    | 1.11    | 1.16    | 1.12       | 2.72    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1108.22 | 1110.62 | 1121.46 | 1113.43    | 0.63    | ppb   |
| Manganese  | 55-2  | 10.89   | 11.07   | 10.93   | 10.96      | 0.85    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-35-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:53:28  | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.09     | 3.11     | 3.19     | 3.13       | 1.70    | ppb   |
| Phosphorus | 31-2  | 634.29   | 586.33   | 665.44   | 628.69     | 6.34    | ppb   |
| Potassium  | 39-2  | 504.32   | 504.83   | 501.31   | 503.48     | 0.38    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.22    | 0.03     | 0.53     | 0.12       | 329.42  | ppb   |
| Selenium   | 78-2  | -0.27    | 0.25     | -0.01    | -0.01      |         | ppb   |
| Selenium   | 82-1  | 0.13     | 0.93     | 0.52     | 0.53       | 75.67   | ppb   |
| Silicon    | 28-1  | 931.87   | 934.30   | 957.07   | 941.08     | 1.48    | ppb   |
| Silver     | 109-1 | 0.02     | 0.01     | 0.02     | 0.02       | 27.23   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.01     | 0.01       | 27.42   | ppb   |
| Sodium     | 23-2  | 10111.03 | 10084.26 | 10184.68 | 10126.66   | 0.51    | ppb   |
| Strontium  | 86-1  | 17.24    | 17.58    | 17.91    | 17.58      | 1.91    | ppb   |
| Strontium  | 88-1  | 17.88    | 17.92    | 18.25    | 18.02      | 1.14    | ppb   |
| Sulfur     | 34-1  | 478.06   | 502.44   | 842.02   | 607.51     | 33.49   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 110.97  | ppb   |
| Tin        | 118-1 | -0.10    | -0.08    | -0.09    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.39     | 0.29     | 0.36     | 0.35       | 15.65   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.05     | 0.05       | 12.50   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 81.85    | 81.95    | 83.33    | 82.38      | 1.01    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00     | 0.01     | 0.00       | 81.24   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-35-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:53:28  | DataFile Name :   | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 19.46   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-12 Instrumnet Name : P7  
 Client Sample ID : DC24728-36-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:56:54 DataFile Name : 157SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.02    | 5.28    | 6.90    | 6.06       | 13.39   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 17.27   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.25    | 0.16    | 0.21       | 20.31   | ppb   |
| Barium     | 135-1 | 14.97   | 14.33   | 15.02   | 14.77      | 2.59    | ppb   |
| Barium     | 137-1 | 14.81   | 14.89   | 14.83   | 14.84      | 0.30    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.89    | 3.82    | 4.13    | 3.95       | 4.03    | ppb   |
| Boron      | 11-1  | 3.58    | 3.60    | 3.71    | 3.63       | 2.00    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.02   | -0.10   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.11   | -0.07   | -1.15   | -0.44      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5381.21 | 5135.46 | 5117.52 | 5211.40    | 2.83    | ppb   |
| Calcium    | 44-1  | 5451.06 | 5256.05 | 5207.96 | 5305.02    | 2.43    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.10   | -0.05   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 107.50  | 100.49  | 103.95  | 103.98     | 3.37    | 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  | 29.44   | 26.30   | 26.73   | 27.49      | 6.20    | ppb   |
| Iron       | 57-2  | 34.18   | 31.40   | 32.40   | 32.66      | 4.32    | ppb   |
| Lead       | 206-1 | 0.10    | 0.10    | 0.10    | 0.10       | 1.47    | ppb   |
| Lead       | 207-1 | 0.08    | 0.10    | 0.08    | 0.09       | 9.19    | ppb   |
| Lead       | 208-1 | 0.09    | 0.10    | 0.08    | 0.09       | 8.82    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1129.65 | 1066.25 | 1101.73 | 1099.21    | 2.89    | ppb   |
| Manganese  | 55-2  | 9.60    | 9.21    | 9.37    | 9.39       | 2.11    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-12 Instrumnet Name : P7  
 Client Sample ID : DC24728-36-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:56:54 DataFile Name : 157SMPL.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    | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.27     | 0.27    | 0.27    | 0.27       | 0.93    | ppb   |
| Phosphorus | 31-2  | 639.97   | 613.78  | 674.76  | 642.84     | 4.76    | ppb   |
| Potassium  | 39-2  | 436.43   | 401.75  | 421.13  | 419.77     | 4.14    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.22    | 0.51    | -0.46   | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.47    | -0.03   | -0.38   | -0.29      |         | ppb   |
| Selenium   | 82-1  | 0.32     | 0.57    | 0.83    | 0.57       | 44.12   | ppb   |
| Silicon    | 28-1  | 940.19   | 922.69  | 909.35  | 924.08     | 1.67    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01    | 0.01       | 35.50   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.00    | 0.01       | 38.04   | ppb   |
| Sodium     | 23-2  | 10365.93 | 9768.40 | 9837.88 | 9990.73    | 3.27    | ppb   |
| Strontium  | 86-1  | 17.11    | 17.20   | 17.53   | 17.28      | 1.29    | ppb   |
| Strontium  | 88-1  | 17.86    | 17.49   | 17.70   | 17.68      | 1.06    | ppb   |
| Sulfur     | 34-1  | 565.81   | 202.94  | 257.94  | 342.23     | 57.15   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00    | 0.00       | 264.16  | ppb   |
| Tin        | 118-1 | -0.09    | -0.09   | -0.10   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.45     | 0.37    | 0.37    | 0.40       | 10.74   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04    | 0.06    | 0.05       | 16.52   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 5.76     | 5.51    | 5.60    | 5.63       | 2.28    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00    | 0.00    | 0.00       | 843.12  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-36-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:56:54  | DataFile Name :   | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.01    | 0.02       | 51.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:00:20 | DataFile Name :   | 158SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.10    | 3.18    | 3.02    | 3.10       | 2.49    | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.38   | -0.40   | -0.40   | -0.39      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.36   | -0.36      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.04   | -0.41   | 0.22    | -0.08      |         | ppb   |
| Boron      | 11-1  | -0.15   | -0.28   | -0.18   | -0.21      |         | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.06   | -0.02   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.22   | -0.66   | -0.01   | -0.30      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -0.76   | -1.51   | -0.70   | -0.99      |         | ppb   |
| Calcium    | 44-1  | -0.80   | -1.03   | -1.49   | -1.11      |         | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | 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  | -0.08   | 0.09    | 0.01    | 0.00       | 1705.94 | ppb   |
| Iron       | 57-2  | -0.60   | -0.13   | -0.51   | -0.41      |         | ppb   |
| Lead       | 206-1 | 468.27  | 460.93  | 468.99  | 466.06     | 0.96    | ppb   |
| Lead       | 207-1 | 460.32  | 458.90  | 464.59  | 461.27     | 0.64    | ppb   |
| Lead       | 208-1 | 470.63  | 468.43  | 477.31  | 472.12     | 0.98    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.49   | -0.27   | -0.44   | -0.40      |         | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.00    | 0.01       | 92.70   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:00:20 | DataFile Name :   | 158SMPL.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   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -2.89   | -2.98   | -0.72   | -2.20      |         | ppb   |
| Potassium  | 39-2  | -1.60   | -5.88   | -4.73   | -4.07      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.20   | 0.07    | -0.20      |         | ppb   |
| Selenium   | 78-2  | -0.36   | -0.07   | -0.18   | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.79    | 1.53    | 1.07    | 1.13       | 32.63   | ppb   |
| Silicon    | 28-1  | -7.95   | -9.25   | -9.19   | -8.80      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 113.25  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 4.43    | 4.26    | 3.40    | 4.03       | 13.69   | ppb   |
| Strontium  | 86-1  | -0.02   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -56.23  | -321.67 | -280.71 | -219.54    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 12.19   | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.04    | 0.00    | 0.01    | 0.02       | 124.50  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.48   | -0.59   | -0.57   | -0.55      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:00:20 | DataFile Name :   | 158SMPL.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:03:46 | DataFile Name :   | 159SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.44   | -0.30   | -0.58   | -0.44      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.40   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.36   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.27   | -0.52   | -0.18   | -0.32      |         | ppb   |
| Boron      | 11-1  | -0.46   | -0.50   | -0.40   | -0.45      |         | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.02   | -0.15   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -0.10   | -1.81   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | -0.05   | -0.02   | 0.01       | 1045.05 | ppb   |
| Calcium    | 43-1  | 0.08    | -2.98   | -3.06   | -1.99      |         | ppb   |
| Calcium    | 44-1  | -5.76   | -5.35   | -3.92   | -5.01      |         | ppb   |
| Chromium   | 52-2  | -0.03   | -0.05   | 0.01    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.00    | -0.01   | 0.02    | 0.00       | 356.41  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | -0.52   | -0.56   | -0.59   | -0.56      |         | ppb   |
| Iron       | 57-2  | -0.70   | -0.50   | -0.45   | -0.55      |         | ppb   |
| Lead       | 206-1 | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Lead       | 208-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.94   | -1.05   | -1.21   | -1.06      |         | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:03:46 | DataFile Name :   | 159SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -1.40   | -9.17   | 3.09    | -2.50      |         | ppb   |
| Potassium  | 39-2  | -3.94   | -9.74   | -5.79   | -6.49      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.46   | 0.06    | -0.29      |         | ppb   |
| Selenium   | 78-2  | 0.52    | -0.13   | 0.20    | 0.20       | 164.51  | ppb   |
| Selenium   | 82-1  | 1.01    | 0.79    | 0.81    | 0.87       | 14.25   | ppb   |
| Silicon    | 28-1  | -8.06   | -9.59   | -8.05   | -8.57      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 1.27    | 2.15    | 2.96    | 2.13       | 39.63   | ppb   |
| Strontium  | 86-1  | -0.04   | -0.08   | -0.05   | -0.05      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 133.59  | -145.61 | 203.75  | 63.91      | 289.17  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.00    | -0.03   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.88   | -0.88   | -0.89   | -0.89      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:03:46 | DataFile Name :   | 159SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-13 Instrumnet Name : P7  
 Client Sample ID : DC24728-37-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:07:13 DataFile Name : 160SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.93    | 8.46    | 7.42    | 7.94       | 6.56    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.02    | 0.03       | 21.96   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.19    | 0.21    | 0.20       | 5.49    | ppb   |
| Barium     | 135-1 | 14.64   | 14.47   | 14.26   | 14.46      | 1.33    | ppb   |
| Barium     | 137-1 | 14.63   | 14.49   | 14.32   | 14.48      | 1.08    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.56    | 3.73    | 3.54    | 3.61       | 2.89    | ppb   |
| Boron      | 11-1  | 3.60    | 3.51    | 3.72    | 3.61       | 2.94    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.03    | 0.07    | 0.04       | 57.76   | ppb   |
| Cadmium    | 106-1 | 0.18    | 0.29    | 0.99    | 0.49       | 90.41   | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.16    | 0.15    | 0.12       | 55.02   | ppb   |
| Calcium    | 43-1  | 5396.36 | 5410.32 | 5375.86 | 5394.18    | 0.32    | ppb   |
| Calcium    | 44-1  | 5505.38 | 5441.95 | 5467.39 | 5471.57    | 0.58    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.02       | 33.25   | ppb   |
| Copper     | 63-2  | 106.60  | 106.72  | 106.06  | 106.46     | 0.33    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.41   | 21.39   | 20.00   | 21.27      | 5.69    | ppb   |
| Iron       | 57-2  | 27.55   | 25.40   | 23.91   | 25.62      | 7.14    | ppb   |
| Lead       | 206-1 | 0.93    | 0.96    | 0.92    | 0.94       | 2.42    | ppb   |
| Lead       | 207-1 | 0.83    | 0.89    | 0.82    | 0.85       | 4.38    | ppb   |
| Lead       | 208-1 | 0.89    | 0.92    | 0.88    | 0.89       | 2.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1123.88 | 1124.13 | 1122.08 | 1123.37    | 0.10    | ppb   |
| Manganese  | 55-2  | 10.62   | 10.73   | 10.96   | 10.77      | 1.59    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-13 Instrumnet Name : P7  
 Client Sample ID : DC24728-37-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:07:13 DataFile Name : 160SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02    | 0.01     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.02    | 0.00     | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03    | -0.01    | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.54     | 0.67     | 0.61     | 0.61       | 10.82   | ppb   |
| Phosphorus | 31-2  | 575.63   | 575.71   | 598.72   | 583.35     | 2.28    | ppb   |
| Potassium  | 39-2  | 426.75   | 434.50   | 434.80   | 432.02     | 1.06    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.03     | -0.22    | -0.46    | -0.22      |         | ppb   |
| Selenium   | 78-2  | -0.02    | -0.46    | -0.74    | -0.41      |         | ppb   |
| Selenium   | 82-1  | 0.82     | 0.87     | 1.12     | 0.94       | 16.99   | ppb   |
| Silicon    | 28-1  | 955.34   | 950.96   | 962.87   | 956.39     | 0.63    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.01     | 0.01       | 50.93   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.22   | ppb   |
| Sodium     | 23-2  | 10032.34 | 10042.79 | 10032.83 | 10035.98   | 0.06    | ppb   |
| Strontium  | 86-1  | 17.52    | 17.70    | 17.24    | 17.49      | 1.32    | ppb   |
| Strontium  | 88-1  | 17.81    | 17.82    | 17.77    | 17.80      | 0.17    | ppb   |
| Sulfur     | 34-1  | 1071.82  | 864.78   | 964.83   | 967.14     | 10.71   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.08    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.39     | 0.30     | 0.41     | 0.37       | 16.63   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.05     | 0.04       | 4.50    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 516.85   | 518.77   | 514.57   | 516.73     | 0.41    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 19.78   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-37-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:07:13  | DataFile Name :   | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 22.80   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-14 Instrumnet Name : P7  
 Client Sample ID : DC24728-38-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:10:40 DataFile Name : 161SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.12    | 7.59    | 8.09    | 8.26       | 9.43    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 2.78    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.24    | 0.18    | 0.24       | 24.37   | ppb   |
| Barium     | 135-1 | 15.45   | 15.19   | 15.75   | 15.46      | 1.81    | ppb   |
| Barium     | 137-1 | 15.35   | 14.98   | 15.38   | 15.24      | 1.47    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.71    | 3.95    | 3.74    | 3.80       | 3.42    | ppb   |
| Boron      | 11-1  | 3.69    | 3.77    | 3.35    | 3.60       | 6.13    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.02    | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.48   | 0.42    | -0.25   | -0.10      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5359.35 | 5413.41 | 5532.81 | 5435.19    | 1.63    | ppb   |
| Calcium    | 44-1  | 5444.06 | 5479.76 | 5594.62 | 5506.15    | 1.43    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.01    | 0.01    | 0.00       | 277.30  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 113.24  | 113.91  | 115.43  | 114.19     | 0.98    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.47   | 23.18   | 22.92   | 23.86      | 5.89    | ppb   |
| Iron       | 57-2  | 25.40   | 29.06   | 30.15   | 28.20      | 8.83    | ppb   |
| Lead       | 206-1 | 0.11    | 0.12    | 0.14    | 0.12       | 14.43   | ppb   |
| Lead       | 207-1 | 0.09    | 0.08    | 0.08    | 0.09       | 2.04    | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.10    | 0.09       | 6.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1093.75 | 1093.22 | 1102.44 | 1096.47    | 0.47    | ppb   |
| Manganese  | 55-2  | 7.54    | 7.82    | 7.67    | 7.68       | 1.86    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-38-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:10:40  | DataFile Name :   | 161SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | 0.05     | 0.01       | 240.11  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.17     | 0.20     | 0.17     | 0.18       | 9.88    | ppb   |
| Phosphorus | 31-2  | 645.66   | 609.14   | 605.41   | 620.07     | 3.59    | ppb   |
| Potassium  | 39-2  | 427.75   | 431.91   | 432.27   | 430.64     | 0.58    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.21    | -0.46    | -0.46    | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.70     | 0.50     | -0.34    | 0.29       | 191.91  | ppb   |
| Selenium   | 82-1  | 0.40     | 1.19     | 0.28     | 0.62       | 79.84   | ppb   |
| Silicon    | 28-1  | 954.67   | 963.29   | 1002.36  | 973.44     | 2.61    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.01     | 0.01       | 43.03   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 15.65   | ppb   |
| Sodium     | 23-2  | 10056.95 | 10040.74 | 10043.83 | 10047.17   | 0.09    | ppb   |
| Strontium  | 86-1  | 17.51    | 17.48    | 17.93    | 17.64      | 1.44    | ppb   |
| Strontium  | 88-1  | 18.23    | 17.83    | 18.08    | 18.05      | 1.12    | ppb   |
| Sulfur     | 34-1  | 1275.34  | 1232.00  | 1496.63  | 1334.66    | 10.63   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 20.05   | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.07    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.44     | 0.32     | 0.49     | 0.42       | 20.85   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05     | 0.04     | 0.04       | 5.65    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 13.91    | 13.60    | 13.67    | 13.73      | 1.16    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00     | 0.00     | 0.00       | 63.89   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-38-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:10:40  | DataFile Name :   | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.01    | 0.02       | 36.85   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-15 Instrumnet Name : P7  
 Client Sample ID : DC24728-39-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:14:06 DataFile Name : 162SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.30   | 7.04    | 8.47    | 8.94       | 24.24   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.03    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.22    | 0.24    | 0.25       | 10.08   | ppb   |
| Barium     | 135-1 | 15.97   | 15.81   | 15.73   | 15.84      | 0.78    | ppb   |
| Barium     | 137-1 | 16.05   | 15.56   | 15.83   | 15.81      | 1.55    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.57    | 3.44    | 4.16    | 4.06       | 14.06   | ppb   |
| Boron      | 11-1  | 4.01    | 3.88    | 4.25    | 4.05       | 4.63    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.07    | 0.07    | 0.05       | 43.73   | ppb   |
| Cadmium    | 106-1 | -0.30   | 0.50    | 0.53    | 0.24       | 193.30  | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.03    | 0.04    | 0.05       | 59.14   | ppb   |
| Calcium    | 43-1  | 5637.93 | 5305.21 | 5477.83 | 5473.65    | 3.04    | ppb   |
| Calcium    | 44-1  | 5648.20 | 5416.14 | 5522.55 | 5528.96    | 2.10    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 136.58  | 132.39  | 133.50  | 134.16     | 1.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.23   | 27.74   | 27.93   | 28.97      | 6.78    | ppb   |
| Iron       | 57-2  | 35.18   | 31.62   | 37.87   | 34.89      | 8.99    | ppb   |
| Lead       | 206-1 | 2.23    | 2.16    | 2.08    | 2.15       | 3.45    | ppb   |
| Lead       | 207-1 | 2.05    | 2.00    | 2.04    | 2.03       | 1.48    | ppb   |
| Lead       | 208-1 | 2.15    | 2.08    | 2.09    | 2.11       | 1.82    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.16 | 1098.77 | 1086.66 | 1103.53    | 1.78    | ppb   |
| Manganese  | 55-2  | 12.98   | 12.57   | 12.84   | 12.80      | 1.60    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-15 Instrumnet Name : P7  
 Client Sample ID : DC24728-39-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:14:06 DataFile Name : 162SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.00    | 0.01    | 0.01       | 67.01   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.73     | 3.79    | 3.64    | 3.72       | 1.97    | ppb   |
| Phosphorus | 31-2  | 632.38   | 604.57  | 591.71  | 609.55     | 3.41    | ppb   |
| Potassium  | 39-2  | 490.44   | 489.87  | 484.29  | 488.20     | 0.70    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.21    | 0.03    | -0.21   | -0.13      |         | ppb   |
| Selenium   | 78-2  | -0.16    | -0.53   | -0.23   | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.80     | 0.85    | 0.78    | 0.81       | 4.27    | ppb   |
| Silicon    | 28-1  | 975.96   | 958.95  | 966.92  | 967.28     | 0.88    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02    | 0.02    | 0.01       | 27.97   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.02    | 0.01       | 18.27   | ppb   |
| Sodium     | 23-2  | 10079.19 | 9901.91 | 9926.54 | 9969.21    | 0.96    | ppb   |
| Strontium  | 86-1  | 18.23    | 17.72   | 17.99   | 17.98      | 1.41    | ppb   |
| Strontium  | 88-1  | 18.24    | 17.99   | 18.23   | 18.15      | 0.79    | ppb   |
| Sulfur     | 34-1  | 1293.72  | 972.77  | 1330.19 | 1198.89    | 16.40   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00    | 0.00       | 30.14   | ppb   |
| Tin        | 118-1 | -0.09    | -0.09   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.42     | 1.56    | 0.59    | 0.86       | 71.40   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.05    | 0.05       | 11.12   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 145.24   | 142.12  | 143.42  | 143.59     | 1.09    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.00    | 0.00       | 44.01   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-39-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:14:06  | DataFile Name :   | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.02    | 0.02       | 68.20   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-16 Instrumnet Name : P7  
 Client Sample ID : DC24728-40-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:17:32 DataFile Name : 163SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.27    | 6.71    | 5.70    | 6.23       | 8.16    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 10.16   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.23    | 0.25    | 0.23       | 6.68    | ppb   |
| Barium     | 135-1 | 15.37   | 15.16   | 15.12   | 15.22      | 0.90    | ppb   |
| Barium     | 137-1 | 15.49   | 14.86   | 14.94   | 15.10      | 2.27    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.04    | 3.77    | 3.97    | 3.93       | 3.52    | ppb   |
| Boron      | 11-1  | 3.96    | 3.97    | 4.14    | 4.02       | 2.50    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.04   | -0.07   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -0.37   | -0.70   | -0.42      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | 0.04    | 0.01       | 448.75  | ppb   |
| Calcium    | 43-1  | 5509.68 | 5283.62 | 5298.47 | 5363.92    | 2.36    | ppb   |
| Calcium    | 44-1  | 5554.82 | 5404.73 | 5378.62 | 5446.06    | 1.75    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 114.75  | 113.24  | 113.30  | 113.77     | 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  | 26.63   | 24.62   | 25.47   | 25.57      | 3.94    | ppb   |
| Iron       | 57-2  | 30.66   | 29.28   | 32.07   | 30.67      | 4.54    | ppb   |
| Lead       | 206-1 | 0.22    | 0.22    | 0.20    | 0.22       | 4.98    | ppb   |
| Lead       | 207-1 | 0.18    | 0.16    | 0.18    | 0.17       | 6.97    | ppb   |
| Lead       | 208-1 | 0.18    | 0.18    | 0.18    | 0.18       | 1.33    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1101.94 | 1099.71 | 1094.45 | 1098.70    | 0.35    | ppb   |
| Manganese  | 55-2  | 9.32    | 9.04    | 9.20    | 9.19       | 1.54    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-40-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:17:32  | DataFile Name :   | 163SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00    | 0.01     | 0.00       | 332.31  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01   | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.02   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | 0.00    | -0.02    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.58     | 0.61    | 0.61     | 0.60       | 2.59    | ppb   |
| Phosphorus | 31-2  | 603.60   | 633.17  | 613.45   | 616.74     | 2.44    | ppb   |
| Potassium  | 39-2  | 432.02   | 430.69  | 421.78   | 428.16     | 1.30    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.22    | -0.46   | 0.04     | -0.21      |         | ppb   |
| Selenium   | 78-2  | -0.46    | -0.87   | -0.26    | -0.53      |         | ppb   |
| Selenium   | 82-1  | 0.38     | 0.33    | -0.21    | 0.17       | 193.08  | ppb   |
| Silicon    | 28-1  | 969.99   | 956.61  | 943.35   | 956.65     | 1.39    | ppb   |
| Silver     | 109-1 | 0.02     | 0.01    | 0.01     | 0.01       | 37.79   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02    | 0.02     | 0.02       | 3.20    | ppb   |
| Sodium     | 23-2  | 10153.20 | 9946.67 | 10023.12 | 10040.99   | 1.04    | ppb   |
| Strontium  | 86-1  | 17.51    | 17.90   | 17.34    | 17.58      | 1.61    | ppb   |
| Strontium  | 88-1  | 17.80    | 18.01   | 17.96    | 17.92      | 0.63    | ppb   |
| Sulfur     | 34-1  | 1261.74  | 1174.67 | 1093.61  | 1176.67    | 7.15    | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.01     | 0.00       | 100.18  | ppb   |
| Tin        | 118-1 | -0.09    | -0.09   | -0.08    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.48     | 0.47    | 0.44     | 0.46       | 4.03    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01   | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04    | 0.06     | 0.05       | 17.91   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 8.52     | 7.80    | 8.26     | 8.19       | 4.44    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.00     | 0.01       | 81.11   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-40-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:17:32  | DataFile Name :   | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 12.71   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-17 Instrumnet Name : P7  
 Client Sample ID : DC24728-41-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:20:58 DataFile Name : 164SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 147.40  | 142.25  | 143.93  | 144.52     | 1.82     | ppb   |
| Antimony   | 121-1 | 0.13    | 0.11    | 0.12    | 0.12       | 8.73     | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.20    | 0.23    | 0.21       | 6.06     | ppb   |
| Barium     | 135-1 | 13.51   | 12.77   | 13.11   | 13.13      | 2.81     | ppb   |
| Barium     | 137-1 | 13.47   | 12.94   | 13.08   | 13.17      | 2.09     | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |          | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 4.43    | 3.76    | 4.34    | 4.18       | 8.72     | ppb   |
| Boron      | 11-1  | 4.07    | 3.81    | 3.97    | 3.95       | 3.31     | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.03   | 0.04    | 0.00       | 21325.08 | ppb   |
| Cadmium    | 106-1 | -0.12   | -0.50   | 0.47    | -0.05      |          | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.01    | 0.09    | 0.04       | 94.98    | ppb   |
| Calcium    | 43-1  | 5469.85 | 5299.68 | 5239.92 | 5336.48    | 2.24     | ppb   |
| Calcium    | 44-1  | 5552.23 | 5399.11 | 5355.25 | 5435.53    | 1.90     | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.05   | -0.05      |          | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.08    | 0.07    | 0.07       | 11.55    | ppb   |
| Copper     | 63-2  | 134.40  | 134.52  | 135.68  | 134.86     | 0.52     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 29.01   | 27.64   | 28.65   | 28.43      | 2.50     | ppb   |
| Iron       | 57-2  | 32.51   | 32.80   | 35.23   | 33.52      | 4.46     | ppb   |
| Lead       | 206-1 | 1.71    | 1.63    | 1.55    | 1.63       | 5.02     | ppb   |
| Lead       | 207-1 | 1.58    | 1.49    | 1.53    | 1.53       | 2.89     | ppb   |
| Lead       | 208-1 | 1.63    | 1.54    | 1.56    | 1.58       | 3.05     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 1144.25 | 1126.53 | 1148.80 | 1139.86    | 1.03     | ppb   |
| Manganese  | 55-2  | 14.31   | 14.09   | 14.69   | 14.36      | 2.11     | ppb   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-17 Instrumnet Name : P7  
 Client Sample ID : DC24728-41-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:20:58 DataFile Name : 164SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00     | 0.00       | 260.11  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.11     | 4.07     | 3.94     | 4.04       | 2.12    | ppb   |
| Phosphorus | 31-2  | 624.30   | 641.02   | 608.83   | 624.71     | 2.58    | ppb   |
| Potassium  | 39-2  | 431.68   | 428.68   | 437.72   | 432.69     | 1.07    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.21    | -0.22    | -0.21    | -0.21      |         | ppb   |
| Selenium   | 78-2  | -0.40    | -0.01    | -0.47    | -0.29      |         | ppb   |
| Selenium   | 82-1  | 0.35     | 0.78     | 0.83     | 0.65       | 39.83   | ppb   |
| Silicon    | 28-1  | 986.05   | 988.93   | 947.86   | 974.28     | 2.35    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.01     | 0.01       | 26.70   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.00   | ppb   |
| Sodium     | 23-2  | 10271.46 | 10160.82 | 10304.73 | 10245.67   | 0.74    | ppb   |
| Strontium  | 86-1  | 17.17    | 16.58    | 16.72    | 16.82      | 1.86    | ppb   |
| Strontium  | 88-1  | 17.34    | 16.83    | 16.93    | 17.03      | 1.58    | ppb   |
| Sulfur     | 34-1  | 1204.82  | 988.68   | 895.52   | 1029.67    | 15.41   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 422.66  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 201.74  | ppb   |
| Tin        | 118-1 | 0.42     | 0.35     | 0.36     | 0.38       | 9.24    | ppb   |
| Titanium   | 47-1  | 0.45     | 0.40     | 0.41     | 0.42       | 6.74    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.05     | 0.06       | 12.92   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 112.76   | 111.89   | 113.50   | 112.71     | 0.72    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 10.37   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-41-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:20:58  | DataFile Name :   | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.03    | 0.02       | 49.63   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-18 Instrumnet Name : P7  
 Client Sample ID : DC24728-42-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:24:24 DataFile Name : 165SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.06   | 21.34   | 18.27   | 20.56      | 9.80    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 6.12    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.26    | 0.22    | 0.24       | 7.13    | ppb   |
| Barium     | 135-1 | 14.94   | 14.84   | 14.93   | 14.90      | 0.38    | ppb   |
| Barium     | 137-1 | 14.77   | 14.86   | 14.84   | 14.83      | 0.31    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.19    | 3.87    | 3.64    | 3.57       | 9.63    | ppb   |
| Boron      | 11-1  | 3.71    | 3.74    | 3.77    | 3.74       | 0.83    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.40   | -0.33   | 0.02    | -0.24      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.04    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5357.95 | 5378.78 | 5578.54 | 5438.42    | 2.24    | ppb   |
| Calcium    | 44-1  | 5429.67 | 5466.70 | 5604.69 | 5500.35    | 1.68    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 288.57  | ppb   |
| Copper     | 63-2  | 43.74   | 43.98   | 42.91   | 43.54      | 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  | 169.58  | 169.96  | 164.78  | 168.11     | 1.72    | ppb   |
| Iron       | 57-2  | 171.93  | 173.76  | 175.08  | 173.59     | 0.91    | ppb   |
| Lead       | 206-1 | 0.09    | 0.07    | 0.08    | 0.08       | 11.35   | ppb   |
| Lead       | 207-1 | 0.06    | 0.07    | 0.06    | 0.06       | 8.28    | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.07    | 0.07       | 3.31    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1086.19 | 1100.37 | 1085.20 | 1090.59    | 0.78    | ppb   |
| Manganese  | 55-2  | 11.90   | 12.18   | 11.81   | 11.96      | 1.62    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-18 Instrumnet Name : P7  
 Client Sample ID : DC24728-42-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:24:24 DataFile Name : 165SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00     | 0.00    | 0.00       | 274.83  | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02    | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00     | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02    | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.32    | 0.38     | 0.33    | 0.34       | 8.40    | ppb   |
| Phosphorus | 31-2  | 573.81  | 640.66   | 632.69  | 615.72     | 5.93    | ppb   |
| Potassium  | 39-2  | 429.83  | 441.47   | 433.88  | 435.06     | 1.36    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.21   | -0.21    | -0.21   | -0.21      |         | ppb   |
| Selenium   | 78-2  | -0.28   | -0.29    | -0.73   | -0.43      |         | ppb   |
| Selenium   | 82-1  | 0.56    | 0.60     | 0.88    | 0.68       | 25.27   | ppb   |
| Silicon    | 28-1  | 944.26  | 948.45   | 961.64  | 951.45     | 0.95    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00    | 0.00       | 56.83   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.01    | 0.00       | 157.40  | ppb   |
| Sodium     | 23-2  | 9955.86 | 10068.48 | 9909.05 | 9977.80    | 0.82    | ppb   |
| Strontium  | 86-1  | 17.57   | 17.50    | 17.49   | 17.52      | 0.27    | ppb   |
| Strontium  | 88-1  | 17.95   | 17.74    | 17.98   | 17.89      | 0.74    | ppb   |
| Sulfur     | 34-1  | 637.96  | 882.10   | 1094.11 | 871.39     | 26.20   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08    | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.46    | 0.45     | 0.44    | 0.45       | 2.56    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06     | 0.05    | 0.06       | 7.61    | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 6.70    | 6.50     | 6.75    | 6.65       | 2.05    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01     | 0.01    | 0.01       | 51.90   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-42-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:24:24  | DataFile Name :   | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.01       | 89.52   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-19 Instrumnet Name : P7  
 Client Sample ID : DC24728-43-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:27:50 DataFile Name : 166SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.25   | 7.98    | 7.31    | 9.51       | 34.19   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 8.78    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.19    | 0.28    | 0.24       | 18.88   | ppb   |
| Barium     | 135-1 | 15.78   | 15.78   | 15.89   | 15.82      | 0.39    | ppb   |
| Barium     | 137-1 | 15.31   | 16.09   | 15.48   | 15.63      | 2.61    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.20    | 4.36    | 4.53    | 4.36       | 3.74    | ppb   |
| Boron      | 11-1  | 4.12    | 4.22    | 4.53    | 4.29       | 4.97    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.06   | 0.00    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.15   | -1.03   | -0.22   | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.01    | 0.03    | 0.04       | 90.74   | ppb   |
| Calcium    | 43-1  | 5348.93 | 5414.67 | 5309.24 | 5357.61    | 0.99    | ppb   |
| Calcium    | 44-1  | 5444.38 | 5500.72 | 5379.85 | 5441.65    | 1.11    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 41.70   | ppb   |
| Copper     | 63-2  | 135.73  | 135.67  | 137.56  | 136.32     | 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  | 27.32   | 26.79   | 27.73   | 27.28      | 1.72    | ppb   |
| Iron       | 57-2  | 34.25   | 32.80   | 32.61   | 33.22      | 2.71    | ppb   |
| Lead       | 206-1 | 1.87    | 1.91    | 1.87    | 1.88       | 1.34    | ppb   |
| Lead       | 207-1 | 1.75    | 1.80    | 1.76    | 1.77       | 1.38    | ppb   |
| Lead       | 208-1 | 1.82    | 1.85    | 1.82    | 1.83       | 0.90    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1123.74 | 1103.60 | 1129.01 | 1118.78    | 1.20    | ppb   |
| Manganese  | 55-2  | 11.66   | 11.73   | 11.93   | 11.77      | 1.17    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-19 Instrumnet Name : P7  
 Client Sample ID : DC24728-43-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:27:50 DataFile Name : 166SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.01     | 0.00     | 0.00       | 87.61   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.95     | 4.99     | 5.17     | 5.04       | 2.39    | ppb   |
| Phosphorus | 31-2  | 581.93   | 608.25   | 587.77   | 592.65     | 2.33    | ppb   |
| Potassium  | 39-2  | 506.85   | 499.57   | 521.54   | 509.32     | 2.20    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.21    | 0.04     | -0.46    | -0.21      |         | ppb   |
| Selenium   | 78-2  | 0.30     | 0.22     | -0.22    | 0.10       | 275.42  | ppb   |
| Selenium   | 82-1  | 1.30     | 1.26     | 2.24     | 1.60       | 34.78   | ppb   |
| Silicon    | 28-1  | 993.44   | 942.66   | 928.00   | 954.70     | 3.60    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.02     | 0.02       | 26.74   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 27.56   | ppb   |
| Sodium     | 23-2  | 10085.46 | 10056.04 | 10219.44 | 10120.31   | 0.86    | ppb   |
| Strontium  | 86-1  | 17.59    | 17.82    | 17.84    | 17.75      | 0.77    | ppb   |
| Strontium  | 88-1  | 18.31    | 18.10    | 18.10    | 18.17      | 0.65    | ppb   |
| Sulfur     | 34-1  | 351.14   | 471.30   | 391.03   | 404.49     | 15.13   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.00     | 0.00       | 162.63  | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.07    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.30     | 0.48     | 0.44     | 0.41       | 22.94   | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.05     | 0.06       | 14.86   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 170.75   | 169.23   | 175.32   | 171.77     | 1.85    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 41.58   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-43-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:27:50  | DataFile Name :   | 166SMPL.d |

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



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-20 Instrumnet Name : P7  
 Client Sample ID : DC24728-44-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:31:16 DataFile Name : 167SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.68    | 5.98    | 10.87   | 7.85       | 33.69   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.05    | 0.04       | 16.66   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.26    | 0.27    | 0.26       | 6.55    | ppb   |
| Barium     | 135-1 | 14.92   | 14.69   | 14.81   | 14.80      | 0.78    | ppb   |
| Barium     | 137-1 | 14.71   | 14.79   | 14.42   | 14.64      | 1.34    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.44    | 2.92    | 3.89    | 3.42       | 14.16   | ppb   |
| Boron      | 11-1  | 3.66    | 3.95    | 3.48    | 3.70       | 6.33    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.06   | -0.07   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.62   | -0.62   | -0.77   | -1.00      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.03   | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5380.01 | 5034.39 | 5149.73 | 5188.04    | 3.39    | ppb   |
| Calcium    | 44-1  | 5383.10 | 5110.00 | 5188.86 | 5227.32    | 2.69    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.04   | -0.05   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 115.22  | 115.56  | 116.47  | 115.75     | 0.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.68   | 25.87   | 25.78   | 25.78      | 0.35    | ppb   |
| Iron       | 57-2  | 34.86   | 30.06   | 29.76   | 31.56      | 9.08    | ppb   |
| Lead       | 206-1 | 0.15    | 0.16    | 0.14    | 0.15       | 4.37    | ppb   |
| Lead       | 207-1 | 0.15    | 0.13    | 0.13    | 0.14       | 7.11    | ppb   |
| Lead       | 208-1 | 0.14    | 0.13    | 0.13    | 0.13       | 4.24    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1103.46 | 1113.41 | 1116.04 | 1110.97    | 0.60    | ppb   |
| Manganese  | 55-2  | 10.16   | 10.18   | 10.19   | 10.18      | 0.18    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-20 Instrumnet Name : P7  
 Client Sample ID : DC24728-44-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:31:16 DataFile Name : 167SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.04    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.48     | 0.49     | 0.49     | 0.48       | 1.52    | ppb   |
| Phosphorus | 31-2  | 599.46   | 645.55   | 581.40   | 608.80     | 5.43    | ppb   |
| Potassium  | 39-2  | 423.80   | 427.62   | 437.40   | 429.61     | 1.63    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.22    | -0.46    | -0.21    | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.39    | 0.05     | -0.43    | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.79     | 1.08     | 1.16     | 1.01       | 19.30   | ppb   |
| Silicon    | 28-1  | 943.15   | 889.06   | 912.41   | 914.88     | 2.97    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.88   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.02     | 0.01       | 27.43   | ppb   |
| Sodium     | 23-2  | 10054.25 | 10069.78 | 10189.00 | 10104.34   | 0.73    | ppb   |
| Strontium  | 86-1  | 17.12    | 17.23    | 16.81    | 17.05      | 1.27    | ppb   |
| Strontium  | 88-1  | 17.69    | 17.33    | 17.25    | 17.42      | 1.35    | ppb   |
| Sulfur     | 34-1  | 703.76   | 68.91    | 380.55   | 384.41     | 82.58   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 580.61  | ppb   |
| Tin        | 118-1 | -0.10    | -0.10    | -0.09    | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.37     | 0.45     | 0.42     | 0.41       | 9.61    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.05     | 0.05       | 11.93   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7.41     | 7.55     | 6.95     | 7.30       | 4.35    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.00     | 0.00       | 92.35   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-44-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:31:16  | DataFile Name :   | 167SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | 0.02    | 0.02       | 63.02   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-21 Instrumnet Name : P7  
 Client Sample ID : DC24728-45-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:34:42 DataFile Name : 168SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 180.33  | 164.87  | 178.45  | 174.55     | 4.83    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.48    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.24    | 0.22    | 0.25       | 15.99   | ppb   |
| Barium     | 135-1 | 18.52   | 18.37   | 18.63   | 18.51      | 0.70    | ppb   |
| Barium     | 137-1 | 18.18   | 18.27   | 18.78   | 18.41      | 1.77    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.16    | 4.33    | 4.72    | 4.40       | 6.57    | ppb   |
| Boron      | 11-1  | 4.45    | 4.64    | 4.65    | 4.58       | 2.52    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.00    | 0.01    | 0.01       | 99.76   | ppb   |
| Cadmium    | 106-1 | -0.09   | -0.05   | -0.21   | -0.12      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.41    | 0.27    | 0.29       | 42.57   | ppb   |
| Calcium    | 43-1  | 5559.63 | 5595.96 | 5691.84 | 5615.81    | 1.22    | ppb   |
| Calcium    | 44-1  | 5699.80 | 5697.09 | 5795.28 | 5730.73    | 0.98    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.05   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.07    | 0.09    | 0.09       | 11.35   | ppb   |
| Copper     | 63-2  | 208.87  | 192.41  | 207.83  | 203.04     | 4.54    | 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  | 69.32   | 63.26   | 70.18   | 67.59      | 5.58    | ppb   |
| Iron       | 57-2  | 72.67   | 69.71   | 76.24   | 72.87      | 4.49    | ppb   |
| Lead       | 206-1 | 7.24    | 7.14    | 7.19    | 7.19       | 0.70    | ppb   |
| Lead       | 207-1 | 6.80    | 6.65    | 6.87    | 6.77       | 1.68    | ppb   |
| Lead       | 208-1 | 7.01    | 6.93    | 7.05    | 7.00       | 0.92    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1168.95 | 1071.39 | 1164.21 | 1134.85    | 4.85    | ppb   |
| Manganese  | 55-2  | 18.83   | 17.05   | 18.80   | 18.23      | 5.58    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-21 Instrumnet Name : P7  
 Client Sample ID : DC24728-45-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:34:42 DataFile Name : 168SMPL.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  | -0.02    | -0.02   | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02   | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02   | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 13.04    | 12.14   | 12.80    | 12.66      | 3.66    | ppb   |
| Phosphorus | 31-2  | 582.34   | 522.49  | 591.48   | 565.43     | 6.63    | ppb   |
| Potassium  | 39-2  | 487.34   | 430.49  | 477.69   | 465.17     | 6.54    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.46    | -0.23   | 0.30     | -0.13      |         | ppb   |
| Selenium   | 78-2  | 0.29     | -0.68   | 0.42     | 0.01       | 5995.31 | ppb   |
| Selenium   | 82-1  | 1.20     | 0.98    | 1.42     | 1.20       | 18.16   | ppb   |
| Silicon    | 28-1  | 965.24   | 964.23  | 997.49   | 975.65     | 1.94    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04    | 0.02     | 0.03       | 34.33   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02    | 0.01     | 0.02       | 33.38   | ppb   |
| Sodium     | 23-2  | 10229.38 | 9455.51 | 10072.17 | 9919.02    | 4.12    | ppb   |
| Strontium  | 86-1  | 17.93    | 18.47   | 18.44    | 18.28      | 1.65    | ppb   |
| Strontium  | 88-1  | 18.45    | 18.86   | 18.72    | 18.68      | 1.12    | ppb   |
| Sulfur     | 34-1  | 207.00   | 367.94  | 601.33   | 392.09     | 50.57   | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01    | 0.00     | 0.00       | 229.72  | ppb   |
| Tin        | 118-1 | 0.24     | 0.23    | 0.18     | 0.22       | 14.68   | ppb   |
| Titanium   | 47-1  | 0.44     | 0.41    | 0.56     | 0.47       | 16.92   | ppb   |
| Uranium    | 238-1 | -0.01    | 0.00    | -0.01    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.08    | 0.06     | 0.08       | 13.63   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 1221.08  | 1123.64 | 1209.36  | 1184.69    | 4.49    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.01     | 0.01       | 17.37   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-45-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:34:42  | DataFile Name :   | 168SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.03    | 0.03       | 26.87   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-22 Instrumnet Name : P7  
 Client Sample ID : DC24728-46-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:38:08 DataFile Name : 169SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.81    | 10.88   | 11.66   | 10.78      | 8.61    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 29.47   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.27    | 0.27    | 0.27       | 2.57    | ppb   |
| Barium     | 135-1 | 14.99   | 14.69   | 14.44   | 14.71      | 1.89    | ppb   |
| Barium     | 137-1 | 14.76   | 14.72   | 14.91   | 14.80      | 0.68    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.98    | 3.47    | 4.00    | 3.49       | 14.61   | ppb   |
| Boron      | 11-1  | 3.68    | 3.84    | 3.73    | 3.75       | 2.15    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.01   | 0.02    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -1.27   | 0.01    | 0.38    | -0.29      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5446.68 | 5336.96 | 5303.36 | 5362.33    | 1.40    | ppb   |
| Calcium    | 44-1  | 5500.44 | 5424.63 | 5437.85 | 5454.31    | 0.74    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.03    | -0.03   | 0.01       | 427.81  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 450.45  | ppb   |
| Copper     | 63-2  | 31.68   | 33.60   | 32.24   | 32.50      | 3.05    | 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  | 165.39  | 176.17  | 167.78  | 169.78     | 3.34    | ppb   |
| Iron       | 57-2  | 168.56  | 184.40  | 172.72  | 175.23     | 4.69    | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.06    | 0.05       | 30.36   | ppb   |
| Lead       | 207-1 | 0.05    | 0.04    | 0.05    | 0.05       | 13.67   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.06    | 0.05       | 17.54   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1052.92 | 1126.66 | 1071.04 | 1083.54    | 3.55    | ppb   |
| Manganese  | 55-2  | 10.28   | 10.96   | 10.62   | 10.62      | 3.23    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-22 Instrumnet Name : P7  
 Client Sample ID : DC24728-46-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:38:08 DataFile Name : 169SMPL.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   | -0.01    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01     | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.01    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 1.52    | 1.71     | 1.56    | 1.60       | 6.40    | ppb   |
| Phosphorus | 31-2  | 619.52  | 590.20   | 616.55  | 608.76     | 2.65    | ppb   |
| Potassium  | 39-2  | 426.50  | 457.31   | 430.96  | 438.25     | 3.80    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.22   | -0.46    | -0.22   | -0.30      |         | ppb   |
| Selenium   | 78-2  | -0.63   | -0.35    | -0.60   | -0.53      |         | ppb   |
| Selenium   | 82-1  | 0.72    | 1.62     | 1.33    | 1.22       | 37.49   | ppb   |
| Silicon    | 28-1  | 949.03  | 925.18   | 914.85  | 929.69     | 1.89    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.01    | 0.00       | 148.41  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00    | 0.00       | 103.26  | ppb   |
| Sodium     | 23-2  | 9837.58 | 10338.00 | 9964.61 | 10046.73   | 2.59    | ppb   |
| Strontium  | 86-1  | 17.43   | 17.38    | 17.30   | 17.37      | 0.36    | ppb   |
| Strontium  | 88-1  | 17.95   | 17.45    | 17.65   | 17.68      | 1.42    | ppb   |
| Sulfur     | 34-1  | 745.97  | 801.40   | 819.19  | 788.85     | 4.84    | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01    | 0.00    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00     | 0.00    | 0.00       | 81.76   | ppb   |
| Tin        | 118-1 | -0.09   | -0.08    | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.45     | 0.41    | 0.44       | 7.29    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01    | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.07     | 0.05    | 0.06       | 16.20   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 18.29   | 20.07    | 19.68   | 19.35      | 4.85    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01     | 0.00    | 0.00       | 404.36  | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-46-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:38:08  | DataFile Name :   | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 39.57   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:41:34 | DataFile Name :   | 170SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.49    | 3.57    | 3.31    | 3.12       | 18.03   | ppb   |
| Antimony   | 121-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.40   | -0.41   | -0.41      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.37   | -0.37   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.06    | 0.06    | 0.26    | 0.13       | 89.07   | ppb   |
| Boron      | 11-1  | 0.12    | 0.07    | 0.06    | 0.08       | 38.03   | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.06   | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.40    | -0.59   | -0.09   | -0.09      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.03   | 0.02    | 0.01       | 559.40  | ppb   |
| Calcium    | 43-1  | -0.23   | -0.52   | -1.32   | -0.69      |         | ppb   |
| Calcium    | 44-1  | -0.69   | -0.84   | -1.75   | -1.09      |         | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.02    | 0.01    | 0.01       | 80.98   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.02    | 0.00    | 0.07    | 0.03       | 112.36  | ppb   |
| Iron       | 57-2  | -0.57   | 0.48    | -0.99   | -0.36      |         | ppb   |
| Lead       | 206-1 | 469.84  | 474.15  | 460.30  | 468.10     | 1.51    | ppb   |
| Lead       | 207-1 | 468.53  | 466.31  | 457.22  | 464.02     | 1.29    | ppb   |
| Lead       | 208-1 | 482.28  | 479.60  | 469.31  | 477.06     | 1.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.58   | -0.58   | -0.43   | -0.53      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:41:34 | DataFile Name :   | 170SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -2.44   | -4.90   | -6.02   | -4.45      |         | ppb   |
| Potassium  | 39-2  | 2.78    | 3.08    | 0.66    | 2.17       | 60.69   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.20   | -0.46   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | 0.02    | 0.25    | -0.40   | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.80    | 0.96    | 0.71    | 0.82       | 15.40   | ppb   |
| Silicon    | 28-1  | -8.36   | -7.46   | -9.57   | -8.46      |         | 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  | 4.61    | 4.61    | 4.37    | 4.53       | 2.99    | ppb   |
| Strontium  | 86-1  | -0.09   | -0.05   | -0.07   | -0.07      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 517.84  | 662.70  | 374.48  | 518.34     | 27.80   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 112.16  | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.06    | 0.00    | 0.02       | 160.72  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.61   | -0.53   | -0.69   | -0.61      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:41:34 | DataFile Name :   | 170SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:45:00 | DataFile Name :   | 171SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.34   | -0.29   | -0.46   | -0.36      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.42   | -0.40   | -0.41   | -0.41      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.38   | -0.38   | -0.38      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.15   | -0.02   | -0.21   | -0.12      |         | ppb   |
| Boron      | 11-1  | -0.28   | -0.40   | -0.36   | -0.34      |         | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.09   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.29    | -0.98   | -0.27   | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -3.10   | -2.13   | -3.47   | -2.90      |         | ppb   |
| Calcium    | 44-1  | -4.65   | -4.46   | -2.94   | -4.02      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.02   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.02    | -0.01   | -0.01   | 0.00       |         | 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  | -0.53   | -0.44   | -0.61   | -0.53      |         | ppb   |
| Iron       | 57-2  | -0.19   | -0.30   | -0.91   | -0.47      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.08   | -0.07   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.21   | -1.32   | -1.09   | -1.21      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:45:00 | DataFile Name :   | 171SMPL.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  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -3.89   | 0.38    | -8.68   | -4.07      |         | ppb   |
| Potassium  | 39-2  | 0.17    | 1.37    | -2.87   | -0.44      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.46   | -0.20   | -0.46   | -0.38      |         | ppb   |
| Selenium   | 78-2  | -0.67   | 0.10    | 0.32    | -0.08      |         | ppb   |
| Selenium   | 82-1  | 0.90    | 0.65    | 0.77    | 0.77       | 16.47   | ppb   |
| Silicon    | 28-1  | -11.65  | -11.32  | -9.02   | -10.66     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 2.05    | 2.55    | 0.60    | 1.73       | 58.52   | ppb   |
| Strontium  | 86-1  | -0.08   | -0.11   | -0.09   | -0.09      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 277.60  | 373.61  | 523.99  | 391.73     | 31.70   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.79   | -0.85   | -0.79   | -0.81      |         | ppb   |
| Zirconium  | 90-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:45:00 | DataFile Name :   | 171SMPL.d |

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

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-23 Instrumnet Name : P7  
 Client Sample ID : DC24728-47-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:48:27 DataFile Name : 172SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.54   | 15.79   | 17.87   | 15.40      | 17.43   | ppb   |
| Antimony   | 121-1 | 0.23    | 0.21    | 0.23    | 0.22       | 6.67    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.19    | 0.24    | 0.22       | 11.40   | ppb   |
| Barium     | 135-1 | 22.22   | 22.42   | 21.63   | 22.09      | 1.86    | ppb   |
| Barium     | 137-1 | 22.12   | 21.85   | 21.52   | 21.83      | 1.36    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.21    | 4.41    | 4.17    | 4.26       | 3.02    | ppb   |
| Boron      | 11-1  | 3.98    | 4.37    | 4.24    | 4.20       | 4.70    | ppb   |
| Cadmium    | 111-1 | 0.18    | 0.14    | 0.13    | 0.15       | 17.33   | ppb   |
| Cadmium    | 106-1 | 0.60    | 0.01    | 0.10    | 0.24       | 132.93  | ppb   |
| Cadmium    | 108-1 | 0.25    | 0.33    | 0.26    | 0.28       | 14.58   | ppb   |
| Calcium    | 43-1  | 5416.42 | 5406.98 | 5320.71 | 5381.37    | 0.98    | ppb   |
| Calcium    | 44-1  | 5534.03 | 5479.73 | 5430.08 | 5481.28    | 0.95    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.07    | 0.05    | 0.06       | 22.66   | ppb   |
| Cobalt     | 59-2  | 0.32    | 0.34    | 0.32    | 0.33       | 2.00    | ppb   |
| Copper     | 63-2  | 390.74  | 398.53  | 404.00  | 397.76     | 1.67    | 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  | 528.76  | 539.31  | 542.97  | 537.01     | 1.37    | ppb   |
| Iron       | 57-2  | 525.18  | 550.65  | 550.26  | 542.03     | 2.69    | ppb   |
| Lead       | 206-1 | 7.54    | 7.14    | 7.11    | 7.26       | 3.27    | ppb   |
| Lead       | 207-1 | 6.82    | 6.65    | 6.63    | 6.70       | 1.61    | ppb   |
| Lead       | 208-1 | 7.14    | 6.92    | 6.87    | 6.98       | 2.07    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1174.12 | 1215.21 | 1222.65 | 1203.99    | 2.17    | ppb   |
| Manganese  | 55-2  | 34.44   | 34.87   | 35.22   | 34.84      | 1.13    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-47-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:48:27  | DataFile Name :   | 172SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.00     | 0.01     | 0.01       | 163.45  | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.04    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 30.56    | 30.75    | 31.51    | 30.94      | 1.64    | ppb   |
| Phosphorus | 31-2  | 431.05   | 444.29   | 385.77   | 420.37     | 7.30    | ppb   |
| Potassium  | 39-2  | 486.09   | 499.77   | 502.61   | 496.16     | 1.78    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.53     | 0.28     | -0.46    | 0.12       | 448.77  | ppb   |
| Selenium   | 78-2  | -0.39    | -0.27    | -0.48    | -0.38      |         | ppb   |
| Selenium   | 82-1  | 0.88     | 1.13     | 0.45     | 0.82       | 41.98   | ppb   |
| Silicon    | 28-1  | 1088.09  | 1075.75  | 1054.99  | 1072.94    | 1.56    | ppb   |
| Silver     | 109-1 | 0.05     | 0.06     | 0.06     | 0.06       | 9.71    | ppb   |
| Silver     | 107-1 | 0.06     | 0.07     | 0.06     | 0.06       | 9.84    | ppb   |
| Sodium     | 23-2  | 10568.57 | 10706.13 | 10809.10 | 10694.60   | 1.13    | ppb   |
| Strontium  | 86-1  | 18.55    | 18.72    | 18.43    | 18.57      | 0.80    | ppb   |
| Strontium  | 88-1  | 19.36    | 18.83    | 18.73    | 18.97      | 1.77    | ppb   |
| Sulfur     | 34-1  | 1230.96  | 1063.97  | 945.10   | 1080.01    | 13.30   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.02       | 21.16   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.02     | 0.02       | 20.43   | ppb   |
| Tin        | 118-1 | -0.07    | -0.07    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.29     | 0.47     | 0.41     | 0.39       | 23.18   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 29.73   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.10     | 0.08       | 22.77   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 918.28   | 933.64   | 950.36   | 934.10     | 1.72    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.00     | 0.01       | 36.30   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-47-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:48:27  | DataFile Name :   | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 42.41   | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-24 Instrumnet Name : P7  
 Client Sample ID : DC24728-48-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:51:54 DataFile Name : 173SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.78    | 6.79    | 4.16    | 5.58       | 23.77   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.10    | 0.10    | 0.10       | 9.69    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.20    | 0.26    | 0.21       | 22.55   | ppb   |
| Barium     | 135-1 | 20.24   | 18.84   | 20.04   | 19.71      | 3.86    | ppb   |
| Barium     | 137-1 | 20.03   | 19.12   | 19.75   | 19.63      | 2.36    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.07    | 3.22    | 3.79    | 3.69       | 11.71   | ppb   |
| Boron      | 11-1  | 3.65    | 3.71    | 3.83    | 3.73       | 2.41    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.02   | 0.01    | 0.00       | 950.46  | ppb   |
| Cadmium    | 106-1 | 0.22    | -0.31   | 0.19    | 0.03       | 876.11  | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.04   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5370.00 | 5152.29 | 5306.69 | 5276.33    | 2.12    | ppb   |
| Calcium    | 44-1  | 5484.22 | 5230.57 | 5371.22 | 5362.00    | 2.37    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 13.08   | ppb   |
| Copper     | 63-2  | 307.08  | 316.86  | 314.93  | 312.96     | 1.66    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 36.27   | 38.27   | 38.32   | 37.62      | 3.11    | ppb   |
| Iron       | 57-2  | 39.99   | 46.85   | 43.61   | 43.48      | 7.90    | ppb   |
| Lead       | 206-1 | 1.04    | 0.97    | 1.05    | 1.02       | 3.93    | ppb   |
| Lead       | 207-1 | 0.93    | 0.86    | 0.93    | 0.91       | 4.43    | ppb   |
| Lead       | 208-1 | 0.97    | 0.92    | 0.97    | 0.95       | 3.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1179.54 | 1214.45 | 1212.85 | 1202.28    | 1.64    | ppb   |
| Manganese  | 55-2  | 30.06   | 30.68   | 30.75   | 30.50      | 1.25    | ppb   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-24 Instrumnet Name : P7  
 Client Sample ID : DC24728-48-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:51:54 DataFile Name : 173SMPL.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  | -0.02    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 14.16    | 14.66    | 14.38    | 14.40      | 1.76    | ppb   |
| Phosphorus | 31-2  | 415.69   | 494.62   | 512.82   | 474.38     | 10.88   | ppb   |
| Potassium  | 39-2  | 501.11   | 510.86   | 515.30   | 509.09     | 1.43    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.28     | 0.55     | -0.46    | 0.12       | 433.89  | ppb   |
| Selenium   | 78-2  | -0.60    | -0.43    | -0.57    | -0.53      |         | ppb   |
| Selenium   | 82-1  | 1.00     | 0.92     | 1.02     | 0.98       | 5.15    | ppb   |
| Silicon    | 28-1  | 1034.27  | 1024.91  | 1022.46  | 1027.21    | 0.61    | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.07     | 0.06       | 8.12    | ppb   |
| Silver     | 107-1 | 0.06     | 0.05     | 0.83     | 0.31       | 143.73  | ppb   |
| Sodium     | 23-2  | 10595.22 | 10809.42 | 10787.59 | 10730.74   | 1.10    | ppb   |
| Strontium  | 86-1  | 18.15    | 18.10    | 18.39    | 18.21      | 0.87    | ppb   |
| Strontium  | 88-1  | 18.69    | 18.56    | 18.80    | 18.68      | 0.65    | ppb   |
| Sulfur     | 34-1  | 956.14   | 363.10   | 772.10   | 697.12     | 43.54   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 31.80   | ppb   |
| Tin        | 118-1 | -0.10    | -0.09    | -0.09    | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.44     | 1.77     | 0.25     | 0.82       | 101.83  | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05     | 0.04     | 0.04       | 13.60   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 63.62    | 65.80    | 65.85    | 65.09      | 1.96    | ppb   |
| Zirconium  | 90-1  | -0.01    | 0.00     | -0.01    | 0.00       |         | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-48-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:51:54  | DataFile Name :   | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.03    | 0.01       | 146.18  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:55:20 | DataFile Name :   | 174SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.44    | 2.33    | 2.86    | 2.54       | 10.86   | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.40   | -0.41   | -0.40   | -0.40      |         | ppb   |
| Barium     | 137-1 | -0.37   | -0.38   | -0.37   | -0.37      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.21    | 0.18    | -0.03   | 0.12       | 105.45  | ppb   |
| Boron      | 11-1  | 0.04    | -0.21   | -0.06   | -0.08      |         | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.01    | 0.00    | 0.01       | 157.54  | ppb   |
| Cadmium    | 106-1 | 0.51    | 0.28    | 0.16    | 0.32       | 56.40   | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.02    | 0.07    | 0.02       | 191.81  | ppb   |
| Calcium    | 43-1  | 0.16    | -2.75   | 1.04    | -0.52      |         | ppb   |
| Calcium    | 44-1  | -1.88   | -0.91   | -0.95   | -1.24      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | -0.05   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.02   | 0.01    | 0.03    | 0.01       | 412.26  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.01    | 0.08    | -0.06   | 0.01       | 695.75  | ppb   |
| Iron       | 57-2  | -0.57   | -0.36   | -0.77   | -0.56      |         | ppb   |
| Lead       | 206-1 | 473.16  | 470.00  | 471.34  | 471.50     | 0.34    | ppb   |
| Lead       | 207-1 | 468.46  | 464.07  | 464.48  | 465.67     | 0.52    | ppb   |
| Lead       | 208-1 | 479.13  | 478.36  | 478.55  | 478.68     | 0.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.39   | -0.46   | -0.49   | -0.45      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:55:20 | DataFile Name :   | 174SMPL.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  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -8.59   | -5.36   | -5.45   | -6.47      |         | ppb   |
| Potassium  | 39-2  | -5.51   | 0.91    | -2.05   | -2.22      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.06    | -0.20   | -0.46   | -0.20      |         | ppb   |
| Selenium   | 78-2  | -0.24   | 0.14    | -0.30   | -0.14      |         | ppb   |
| Selenium   | 82-1  | 0.33    | 0.80    | 0.49    | 0.54       | 44.27   | ppb   |
| Silicon    | 28-1  | -11.04  | -10.02  | -8.44   | -9.83      |         | 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  | 1.16    | 2.75    | 3.06    | 2.32       | 43.87   | ppb   |
| Strontium  | 86-1  | -0.06   | -0.01   | -0.08   | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 312.50  | 462.32  | 643.38  | 472.73     | 35.05   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 102.57  | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.63   | -0.54   | -0.67   | -0.61      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:55:20 | DataFile Name :   | 174SMPL.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:58:47 | DataFile Name :   | 175SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.44   | -0.46   | -0.60   | -0.50      |         | ppb   |
| Antimony   | 121-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.41   | -0.40   | -0.42   | -0.41      |         | ppb   |
| Barium     | 137-1 | -0.38   | -0.38   | -0.38   | -0.38      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.33   | -0.25   | -0.24   | -0.27      |         | ppb   |
| Boron      | 11-1  | -0.37   | -0.42   | -0.46   | -0.42      |         | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.11   | -0.81   | -0.46   | -0.46      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.06   | 0.02    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -2.59   | -2.37   | -2.06   | -2.34      |         | ppb   |
| Calcium    | 44-1  | -4.45   | -5.74   | -4.52   | -4.90      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | -0.05   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | 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  | -0.60   | -0.54   | -0.60   | -0.58      |         | ppb   |
| Iron       | 57-2  | -1.56   | -1.13   | -1.01   | -1.24      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.21   | -1.15   | -1.13   | -1.16      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:58:47 | DataFile Name :   | 175SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -3.04   | -3.73   | -2.83   | -3.20      |         | ppb   |
| Potassium  | 39-2  | -3.56   | -5.15   | -9.65   | -6.12      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.59    | -0.46   | -0.21   | -0.03      |         | ppb   |
| Selenium   | 78-2  | -0.37   | -0.35   | -0.76   | -0.49      |         | ppb   |
| Selenium   | 82-1  | 0.97    | 0.36    | 0.50    | 0.61       | 52.80   | ppb   |
| Silicon    | 28-1  | -11.91  | -12.15  | -10.68  | -11.58     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Sodium     | 23-2  | 0.39    | -1.75   | -0.25   | -0.54      |         | ppb   |
| Strontium  | 86-1  | -0.14   | -0.05   | -0.04   | -0.08      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -60.81  | -43.71  | 164.12  | 19.87      | 630.19  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.89   | -0.85   | -0.85   | -0.86      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:58:47 | DataFile Name :   | 175SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:01:42 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 108      | 192      | 175      | 158      | 27.85  | cps   |
| Antimony   | 121-1 | 283      | 283      | 317      | 294      | 6.54   | cps   |
| Arsenic    | 75-2  | 52       | 44       | 35       | 44       | 19.05  | cps   |
| Barium     | 135-1 | 1358     | 1333     | 1258     | 1317     | 3.95   | cps   |
| Barium     | 137-1 | 2042     | 2025     | 2309     | 2125     | 7.48   | cps   |
| Beryllium  | 9-1   | 89       | 122      | 139      | 117      | 21.82  | cps   |
| Bismuth    | 209-1 | 8061270  | 8076373  | 8080282  | 8072642  | 0.12   | cps   |
| Bismuth    | 209-2 | 5562543  | 5588608  | 5587874  | 5579675  | 0.27   | cps   |
| Boron      | 10-1  | 308      | 317      | 367      | 331      | 9.55   | cps   |
| Boron      | 11-1  | 1850     | 1892     | 1784     | 1842     | 2.97   | cps   |
| Cadmium    | 111-1 | 2415     | 2713     | 2569     | 2566     | 5.79   | cps   |
| Cadmium    | 106-1 | 3392     | 3784     | 3609     | 3595     | 5.46   | cps   |
| Cadmium    | 108-1 | 25       | 4        | 17       | 15       | 68.61  | cps   |
| Calcium    | 43-1  | 392      | 325      | 367      | 361      | 9.33   | cps   |
| Calcium    | 44-1  | 23153    | 22502    | 23812    | 23156    | 2.83   | cps   |
| Chromium   | 52-2  | 1853     | 1783     | 1917     | 1851     | 3.60   | cps   |
| Cobalt     | 59-2  | 147      | 223      | 167      | 179      | 22.23  | cps   |
| Copper     | 63-2  | 1577     | 1690     | 1530     | 1599     | 5.15   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 25       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 13       | 20       | 3        | 12       | 68.66  | cps   |
| Erbium     | 164-1 | 75       | 75       | 50       | 67       | 21.65  | cps   |
| Erbium     | 164-2 | 30       | 23       | 23       | 26       | 15.07  | cps   |
| Gadolinium | 160-1 | 58       | 117      | 108      | 94       | 33.40  | cps   |
| Gadolinium | 160-2 | 93       | 123      | 173      | 130      | 31.09  | cps   |
| Holmium    | 165-1 | 12492695 | 12489398 | 12394819 | 12458971 | 0.45   | cps   |
| Holmium    | 165-2 | 7064277  | 7020212  | 7077554  | 7054014  | 0.43   | cps   |
| Indium     | 115-1 | 10018493 | 9959661  | 9918502  | 9965552  | 0.50   | cps   |
| Indium     | 115-2 | 2289402  | 2288150  | 2302949  | 2293500  | 0.36   | cps   |
| Iron       | 56-2  | 8658     | 8881     | 8219     | 8586     | 3.92   | cps   |
| Iron       | 57-2  | 444      | 400      | 428      | 424      | 5.29   | cps   |
| Lead       | 206-1 | 1689     | 1567     | 1745     | 1667     | 5.46   | cps   |
| Lead       | 207-1 | 1633     | 1400     | 1550     | 1528     | 7.74   | cps   |
| Lead       | 208-1 | 7184     | 6734     | 6984     | 6968     | 3.24   | cps   |
| Lithium    | 6-1   | 1901120  | 1949078  | 1904036  | 1918078  | 1.40   | cps   |
| Magnesium  | 24-2  | 583      | 517      | 508      | 536      | 7.67   | cps   |
| Manganese  | 55-2  | 93       | 97       | 60       | 83       | 24.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:01:42 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 508      | 600      | 642      | 583      | 11.69  | cps   |
| Molybdenum | 95-1  | 475      | 283      | 383      | 381      | 25.19  | cps   |
| Molybdenum | 96-1  | 508      | 392      | 458      | 453      | 12.93  | cps   |
| Molybdenum | 97-1  | 267      | 400      | 275      | 314      | 23.80  | cps   |
| Molybdenum | 98-1  | 642      | 642      | 525      | 603      | 11.18  | cps   |
| Neodymium  | 150-1 | 7        | 20       | 7        | 11       | 69.25  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 130      | 83       | 143      | 119      | 26.50  | cps   |
| Phosphorus | 31-2  | 242      | 183      | 225      | 217      | 13.87  | cps   |
| Potassium  | 39-2  | 59009    | 58049    | 60792    | 59283    | 2.35   | cps   |
| Rhodium    | 103-1 | 9543822  | 9598075  | 9497291  | 9546396  | 0.53   | cps   |
| Rhodium    | 103-2 | 4877209  | 4905389  | 4898176  | 4893592  | 0.30   | cps   |
| Scandium   | 45-1  | 6677933  | 6672833  | 6619701  | 6656822  | 0.48   | cps   |
| Scandium   | 45-2  | 353761   | 355499   | 357737   | 355666   | 0.56   | cps   |
| Selenium   | 77-2  | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 133      | 117      | 94       | 115      | 16.99  | cps   |
| Selenium   | 82-1  | 128      | 50       | -9       | 57       | 121.43 | cps   |
| Silicon    | 28-1  | 657412   | 663366   | 658864   | 659881   | 0.47   | cps   |
| Silver     | 109-1 | 100      | 83       | 175      | 119      | 40.88  | cps   |
| Silver     | 107-1 | 217      | 150      | 167      | 178      | 19.52  | cps   |
| Sodium     | 23-2  | 39478    | 38776    | 39620    | 39291    | 1.15   | cps   |
| Strontium  | 86-1  | 2009     | 1667     | 1784     | 1820     | 9.55   | cps   |
| Strontium  | 88-1  | 608      | 792      | 742      | 714      | 13.27  | cps   |
| Sulfur     | 34-1  | 658844   | 663881   | 662012   | 661579   | 0.38   | cps   |
| Terbium    | 159-1 | 12702570 | 12889352 | 12801610 | 12797844 | 0.73   | cps   |
| Terbium    | 159-2 | 7111301  | 6986891  | 7007948  | 7035380  | 0.95   | cps   |
| Thallium   | 203-1 | 208      | 250      | 275      | 244      | 13.78  | cps   |
| Thallium   | 205-1 | 475      | 533      | 408      | 472      | 13.25  | cps   |
| Tin        | 118-1 | 1583     | 1609     | 1283     | 1492     | 12.12  | cps   |
| Titanium   | 47-1  | 200      | 217      | 225      | 214      | 5.95   | cps   |
| Uranium    | 238-1 | 883      | 875      | 1175     | 978      | 17.47  | cps   |
| Vanadium   | 51-2  | 63       | 53       | 40       | 52       | 22.41  | cps   |
| Yttrium    | 89-1  | 10451328 | 10411355 | 10284259 | 10382314 | 0.84   | cps   |
| Yttrium    | 89-2  | 1817545  | 1816445  | 1815939  | 1816643  | 0.05   | cps   |
| Zinc       | 66-2  | 867      | 880      | 830      | 859      | 3.01   | cps   |
| Zirconium  | 90-1  | 1025     | 983      | 1183     | 1064     | 9.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:01:42 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 167  | 183  | 178     | 5.41   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:09:38 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3100     | 3459     | 3459     | 3339     | 6.20   | cps   |
| Antimony   | 121-1 | 26234    | 25799    | 25382    | 25805    | 1.65   | cps   |
| Arsenic    | 75-2  | 554      | 493      | 587      | 544      | 8.80   | cps   |
| Barium     | 135-1 | 29908    | 30167    | 29432    | 29836    | 1.25   | cps   |
| Barium     | 137-1 | 50945    | 50927    | 52249    | 51374    | 1.48   | cps   |
| Beryllium  | 9-1   | 3334     | 3117     | 2945     | 3132     | 6.22   | cps   |
| Bismuth    | 209-1 | 7847626  | 7877389  | 7894470  | 7873162  | 0.30   | cps   |
| Bismuth    | 209-2 | 5513145  | 5523114  | 5546912  | 5527724  | 0.31   | cps   |
| Boron      | 10-1  | 8344     | 7961     | 8394     | 8233     | 2.88   | cps   |
| Boron      | 11-1  | 39327    | 40940    | 39803    | 40023    | 2.07   | cps   |
| Cadmium    | 111-1 | 5540     | 5724     | 5833     | 5699     | 2.60   | cps   |
| Cadmium    | 106-1 | 3726     | 4042     | 3867     | 3879     | 4.09   | cps   |
| Cadmium    | 108-1 | 204      | 258      | 267      | 243      | 13.96  | cps   |
| Calcium    | 43-1  | 19038    | 18888    | 18237    | 18721    | 2.27   | cps   |
| Calcium    | 44-1  | 316290   | 315519   | 315263   | 315690   | 0.17   | cps   |
| Chromium   | 52-2  | 11248    | 11158    | 11291    | 11232    | 0.61   | cps   |
| Cobalt     | 59-2  | 7552     | 7705     | 7249     | 7502     | 3.10   | cps   |
| Copper     | 63-2  | 14220    | 14364    | 14341    | 14308    | 0.54   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 108      | 50       | 92       | 83       | 36.06  | cps   |
| Erbium     | 164-2 | 13       | 13       | 23       | 17       | 34.65  | cps   |
| Gadolinium | 160-1 | 117      | 58       | 83       | 86       | 33.98  | cps   |
| Gadolinium | 160-2 | 110      | 117      | 133      | 120      | 10.02  | cps   |
| Holmium    | 165-1 | 12045935 | 12145476 | 12248480 | 12146630 | 0.83   | cps   |
| Holmium    | 165-2 | 7009865  | 6963536  | 6964178  | 6979193  | 0.38   | cps   |
| Indium     | 115-1 | 9933219  | 9900426  | 9877234  | 9903626  | 0.28   | cps   |
| Indium     | 115-2 | 2288641  | 2282425  | 2287391  | 2286153  | 0.14   | cps   |
| Iron       | 56-2  | 206091   | 206818   | 206745   | 206551   | 0.19   | cps   |
| Iron       | 57-2  | 5173     | 5273     | 5668     | 5372     | 4.87   | cps   |
| Lead       | 206-1 | 17974    | 17679    | 18018    | 17890    | 1.03   | cps   |
| Lead       | 207-1 | 16110    | 15993    | 16566    | 16223    | 1.87   | cps   |
| Lead       | 208-1 | 72685    | 72663    | 72996    | 72781    | 0.26   | cps   |
| Lithium    | 6-1   | 1902565  | 1917524  | 1938975  | 1919688  | 0.95   | cps   |
| Magnesium  | 24-2  | 163760   | 163247   | 163399   | 163469   | 0.16   | cps   |
| Manganese  | 55-2  | 3114     | 3110     | 3214     | 3146     | 1.87   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:09:38 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 24622    | 24538    | 24731    | 24630    | 0.39   | cps   |
| Molybdenum | 95-1  | 29273    | 29932    | 30400    | 29868    | 1.90   | cps   |
| Molybdenum | 96-1  | 32764    | 32154    | 32563    | 32493    | 0.96   | cps   |
| Molybdenum | 97-1  | 17770    | 18421    | 18321    | 18171    | 1.93   | cps   |
| Molybdenum | 98-1  | 47965    | 47347    | 47347    | 47553    | 0.75   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 2230     | 2120     | 2197     | 2182     | 2.58   | cps   |
| Phosphorus | 31-2  | 217      | 242      | 200      | 219      | 9.56   | cps   |
| Potassium  | 39-2  | 229371   | 227446   | 232592   | 229803   | 1.13   | cps   |
| Rhodium    | 103-1 | 9374841  | 9390644  | 9424710  | 9396732  | 0.27   | cps   |
| Rhodium    | 103-2 | 4854536  | 4884124  | 4875492  | 4871384  | 0.31   | cps   |
| Scandium   | 45-1  | 6706364  | 6733235  | 6630799  | 6690133  | 0.79   | cps   |
| Scandium   | 45-2  | 357115   | 357189   | 357271   | 357192   | 0.02   | cps   |
| Selenium   | 77-2  | 63       | 43       | 47       | 51       | 20.96  | cps   |
| Selenium   | 78-2  | 317      | 320      | 326      | 321      | 1.45   | cps   |
| Selenium   | 82-1  | 1005     | 1103     | 1037     | 1048     | 4.77   | cps   |
| Silicon    | 28-1  | 760067   | 756093   | 754294   | 756818   | 0.39   | cps   |
| Silver     | 109-1 | 19581    | 19598    | 19439    | 19539    | 0.45   | cps   |
| Silver     | 107-1 | 19915    | 20616    | 21542    | 20691    | 3.94   | cps   |
| Sodium     | 23-2  | 351972   | 351490   | 354673   | 352712   | 0.49   | cps   |
| Strontium  | 86-1  | 6018     | 5826     | 5451     | 5765     | 5.00   | cps   |
| Strontium  | 88-1  | 35921    | 36506    | 37316    | 36581    | 1.92   | cps   |
| Sulfur     | 34-1  | 685996   | 687880   | 692837   | 688905   | 0.51   | cps   |
| Terbium    | 159-1 | 12551184 | 12642094 | 12626856 | 12606711 | 0.39   | cps   |
| Terbium    | 159-2 | 6987783  | 6893860  | 6992022  | 6957889  | 0.80   | cps   |
| Thallium   | 203-1 | 12198    | 12423    | 12757    | 12459    | 2.26   | cps   |
| Thallium   | 205-1 | 28815    | 27822    | 29934    | 28857    | 3.66   | cps   |
| Tin        | 118-1 | 47105    | 47992    | 47272    | 47456    | 0.99   | cps   |
| Titanium   | 47-1  | 8861     | 8920     | 9011     | 8931     | 0.85   | cps   |
| Uranium    | 238-1 | 39194    | 38433    | 39386    | 39004    | 1.29   | cps   |
| Vanadium   | 51-2  | 17621    | 17651    | 17380    | 17551    | 0.84   | cps   |
| Yttrium    | 89-1  | 10248689 | 10315420 | 10368346 | 10310818 | 0.58   | cps   |
| Yttrium    | 89-2  | 1816863  | 1810596  | 1812381  | 1813280  | 0.18   | cps   |
| Zinc       | 66-2  | 2584     | 2467     | 2564     | 2538     | 2.46   | cps   |
| Zirconium  | 90-1  | 22994    | 22602    | 22702    | 22766    | 0.90   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:09:38 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4609 | 5318 | 4968 | 4965    | 7.14   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : S3 Instrumnet Name : P7  
 Client Sample ID : S3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:13:23 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 158262   | 158775   | 158775   | 158604   | 0.19   | cps   |
| Antimony   | 121-1 | 646126   | 653281   | 650510   | 649972   | 0.56   | cps   |
| Arsenic    | 75-2  | 27387    | 27686    | 27374    | 27482    | 0.64   | cps   |
| Barium     | 135-1 | 784599   | 780341   | 790519   | 785153   | 0.65   | cps   |
| Barium     | 137-1 | 1368452  | 1353663  | 1369008  | 1363708  | 0.64   | cps   |
| Beryllium  | 9-1   | 155941   | 155052   | 154455   | 155149   | 0.48   | cps   |
| Bismuth    | 209-1 | 8000290  | 8016055  | 7906886  | 7974410  | 0.74   | cps   |
| Bismuth    | 209-2 | 5532097  | 5541738  | 5487698  | 5520511  | 0.52   | cps   |
| Boron      | 10-1  | 18354    | 18387    | 18762    | 18501    | 1.23   | cps   |
| Boron      | 11-1  | 90906    | 89649    | 92859    | 91138    | 1.78   | cps   |
| Cadmium    | 111-1 | 169348   | 168616   | 169945   | 169303   | 0.39   | cps   |
| Cadmium    | 106-1 | 21208    | 21534    | 21742    | 21495    | 1.25   | cps   |
| Cadmium    | 108-1 | 11955    | 12301    | 12264    | 12173    | 1.56   | cps   |
| Calcium    | 43-1  | 202146   | 201219   | 199460   | 200942   | 0.68   | cps   |
| Calcium    | 44-1  | 3361451  | 3290110  | 3331478  | 3327680  | 1.08   | cps   |
| Chromium   | 52-2  | 238547   | 240038   | 235622   | 238069   | 0.94   | cps   |
| Cobalt     | 59-2  | 373257   | 375125   | 371296   | 373226   | 0.51   | cps   |
| Copper     | 63-2  | 539671   | 542825   | 538441   | 540312   | 0.42   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 0        | 14       | 124.91 | cps   |
| Dysprosium | 156-2 | 0        | 20       | 7        | 9        | 114.55 | cps   |
| Erbium     | 164-1 | 83       | 42       | 58       | 61       | 34.32  | cps   |
| Erbium     | 164-2 | 23       | 20       | 27       | 23       | 14.29  | cps   |
| Gadolinium | 160-1 | 92       | 125      | 133      | 117      | 18.90  | cps   |
| Gadolinium | 160-2 | 117      | 127      | 120      | 121      | 4.20   | cps   |
| Holmium    | 165-1 | 12403024 | 12291596 | 12377948 | 12357523 | 0.47   | cps   |
| Holmium    | 165-2 | 6898569  | 6908618  | 6946431  | 6917873  | 0.36   | cps   |
| Indium     | 115-1 | 10023442 | 9950783  | 9873158  | 9949128  | 0.76   | cps   |
| Indium     | 115-2 | 2281092  | 2282068  | 2253426  | 2272195  | 0.72   | cps   |
| Iron       | 56-2  | 10149799 | 10194552 | 10154737 | 10166363 | 0.24   | cps   |
| Iron       | 57-2  | 247709   | 251156   | 244615   | 247827   | 1.32   | cps   |
| Lead       | 206-1 | 502455   | 493658   | 492923   | 496345   | 1.07   | cps   |
| Lead       | 207-1 | 446523   | 445588   | 441876   | 444662   | 0.55   | cps   |
| Lead       | 208-1 | 2014917  | 2001656  | 1989794  | 2002122  | 0.63   | cps   |
| Lithium    | 6-1   | 1951091  | 1956124  | 1906219  | 1937811  | 1.42   | cps   |
| Magnesium  | 24-2  | 1801810  | 1804464  | 1794074  | 1800116  | 0.30   | cps   |
| Manganese  | 55-2  | 275420   | 275961   | 274368   | 275250   | 0.29   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:13:23 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 604686   | 602271   | 604182   | 603713   | 0.21   | cps   |
| Molybdenum | 95-1  | 325630   | 324878   | 324346   | 324951   | 0.20   | cps   |
| Molybdenum | 96-1  | 416577   | 417121   | 412476   | 415391   | 0.61   | cps   |
| Molybdenum | 97-1  | 199848   | 201513   | 201505   | 200955   | 0.48   | cps   |
| Molybdenum | 98-1  | 519018   | 512468   | 516452   | 515979   | 0.64   | cps   |
| Neodymium  | 150-1 | 47       | 40       | 40       | 42       | 9.12   | cps   |
| Neodymium  | 150-2 | 0        | 13       | 17       | 10       | 88.20  | cps   |
| Nickel     | 60-2  | 101045   | 101122   | 100696   | 100954   | 0.22   | cps   |
| Phosphorus | 31-2  | 9937     | 9720     | 9303     | 9653     | 3.34   | cps   |
| Potassium  | 39-2  | 991682   | 982753   | 988675   | 987703   | 0.46   | cps   |
| Rhodium    | 103-1 | 9505605  | 9467098  | 9399354  | 9457353  | 0.57   | cps   |
| Rhodium    | 103-2 | 4846154  | 4867182  | 4820092  | 4844476  | 0.49   | cps   |
| Scandium   | 45-1  | 6795282  | 6751489  | 6751219  | 6765997  | 0.37   | cps   |
| Scandium   | 45-2  | 354768   | 352837   | 352980   | 353529   | 0.30   | cps   |
| Selenium   | 77-2  | 613      | 583      | 643      | 613      | 4.89   | cps   |
| Selenium   | 78-2  | 2146     | 2191     | 2172     | 2170     | 1.03   | cps   |
| Selenium   | 82-1  | 11015    | 11068    | 10723    | 10935    | 1.70   | cps   |
| Silicon    | 28-1  | 1172712  | 1181076  | 1184969  | 1179586  | 0.53   | cps   |
| Silver     | 109-1 | 784233   | 789879   | 790922   | 788345   | 0.46   | cps   |
| Silver     | 107-1 | 832904   | 824130   | 831034   | 829356   | 0.56   | cps   |
| Sodium     | 23-2  | 3451168  | 3461956  | 3430331  | 3447818  | 0.47   | cps   |
| Strontium  | 86-1  | 207477   | 207198   | 206312   | 206996   | 0.29   | cps   |
| Strontium  | 88-1  | 1813811  | 1804467  | 1813642  | 1810640  | 0.30   | cps   |
| Sulfur     | 34-1  | 759156   | 764170   | 759583   | 760970   | 0.37   | cps   |
| Terbium    | 159-1 | 12738864 | 12740040 | 12675354 | 12718086 | 0.29   | cps   |
| Terbium    | 159-2 | 6884805  | 6919701  | 6867157  | 6890554  | 0.39   | cps   |
| Thallium   | 203-1 | 609723   | 599324   | 602985   | 604011   | 0.87   | cps   |
| Thallium   | 205-1 | 1473063  | 1443002  | 1451462  | 1455842  | 1.06   | cps   |
| Tin        | 118-1 | 519654   | 516455   | 519229   | 518446   | 0.34   | cps   |
| Titanium   | 47-1  | 101373   | 100659   | 101212   | 101081   | 0.37   | cps   |
| Uranium    | 238-1 | 2004535  | 1999688  | 1988400  | 1997541  | 0.41   | cps   |
| Vanadium   | 51-2  | 189024   | 192961   | 189001   | 190328   | 1.20   | cps   |
| Yttrium    | 89-1  | 10547601 | 10375835 | 10511500 | 10478312 | 0.86   | cps   |
| Yttrium    | 89-2  | 1809450  | 1799764  | 1797049  | 1802088  | 0.36   | cps   |
| Zinc       | 66-2  | 79753    | 79837    | 79719    | 79770    | 0.08   | cps   |
| Zirconium  | 90-1  | 1155533  | 1153127  | 1155293  | 1154651  | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:13:23 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 254773 | 256390 | 256689 | 255951  | 0.40   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:17:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 393599   | 397672   | 395629   | 395633   | 0.51   | cps   |
| Antimony   | 121-1 | 1649236  | 1648444  | 1658043  | 1651908  | 0.32   | cps   |
| Arsenic    | 75-2  | 68860    | 69628    | 68737    | 69075    | 0.70   | cps   |
| Barium     | 135-1 | 1950622  | 1952355  | 1960390  | 1954456  | 0.27   | cps   |
| Barium     | 137-1 | 3429741  | 3398287  | 3432887  | 3420305  | 0.56   | cps   |
| Beryllium  | 9-1   | 384804   | 379469   | 381998   | 382090   | 0.70   | cps   |
| Bismuth    | 209-1 | 7845995  | 7766232  | 7783570  | 7798599  | 0.54   | cps   |
| Bismuth    | 209-2 | 5456632  | 5495240  | 5501876  | 5484583  | 0.45   | cps   |
| Boron      | 10-1  | 45478    | 46189    | 46021    | 45896    | 0.81   | cps   |
| Boron      | 11-1  | 217180   | 219788   | 222388   | 219785   | 1.18   | cps   |
| Cadmium    | 111-1 | 419184   | 412754   | 416306   | 416081   | 0.77   | cps   |
| Cadmium    | 106-1 | 48559    | 49471    | 48417    | 48816    | 1.17   | cps   |
| Cadmium    | 108-1 | 30220    | 30124    | 29886    | 30077    | 0.57   | cps   |
| Calcium    | 43-1  | 496777   | 493525   | 499411   | 496571   | 0.59   | cps   |
| Calcium    | 44-1  | 8131023  | 8097490  | 8027101  | 8085204  | 0.66   | cps   |
| Chromium   | 52-2  | 585613   | 589351   | 589692   | 588219   | 0.38   | cps   |
| Cobalt     | 59-2  | 922001   | 932605   | 933863   | 929490   | 0.70   | cps   |
| Copper     | 63-2  | 1331142  | 1332423  | 1339111  | 1334225  | 0.32   | cps   |
| Dysprosium | 156-1 | 50       | 75       | 67       | 64       | 19.92  | cps   |
| Dysprosium | 156-2 | 27       | 30       | 37       | 31       | 16.37  | cps   |
| Erbium     | 164-1 | 100      | 50       | 75       | 75       | 33.34  | cps   |
| Erbium     | 164-2 | 23       | 37       | 10       | 23       | 57.15  | cps   |
| Gadolinium | 160-1 | 83       | 117      | 125      | 108      | 20.35  | cps   |
| Gadolinium | 160-2 | 173      | 150      | 133      | 152      | 13.20  | cps   |
| Holmium    | 165-1 | 12209597 | 12051406 | 12213733 | 12158245 | 0.76   | cps   |
| Holmium    | 165-2 | 6931908  | 7004091  | 6963568  | 6966522  | 0.52   | cps   |
| Indium     | 115-1 | 9721134  | 9639790  | 9833566  | 9731497  | 1.00   | cps   |
| Indium     | 115-2 | 2262893  | 2254789  | 2255899  | 2257860  | 0.19   | cps   |
| Iron       | 56-2  | 25209373 | 25502958 | 25438611 | 25383648 | 0.61   | cps   |
| Iron       | 57-2  | 617550   | 621758   | 618792   | 619367   | 0.35   | cps   |
| Lead       | 206-1 | 1225023  | 1222720  | 1226303  | 1224682  | 0.15   | cps   |
| Lead       | 207-1 | 1104190  | 1092062  | 1093674  | 1096642  | 0.60   | cps   |
| Lead       | 208-1 | 4948462  | 4930706  | 4931233  | 4936800  | 0.20   | cps   |
| Lithium    | 6-1   | 1893980  | 1900262  | 1904581  | 1899608  | 0.28   | cps   |
| Magnesium  | 24-2  | 4439592  | 4419507  | 4464070  | 4441056  | 0.50   | cps   |
| Manganese  | 55-2  | 682063   | 686924   | 685739   | 684909   | 0.37   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:17:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1496458  | 1498158  | 1510164  | 1501593  | 0.50   | cps   |
| Molybdenum | 95-1  | 812649   | 804150   | 808064   | 808288   | 0.53   | cps   |
| Molybdenum | 96-1  | 1042406  | 1033208  | 1028851  | 1034822  | 0.67   | cps   |
| Molybdenum | 97-1  | 501812   | 500791   | 500847   | 501150   | 0.11   | cps   |
| Molybdenum | 98-1  | 1292869  | 1295045  | 1291208  | 1293041  | 0.15   | cps   |
| Neodymium  | 150-1 | 113      | 167      | 93       | 124      | 30.46  | cps   |
| Neodymium  | 150-2 | 13       | 13       | 23       | 17       | 34.65  | cps   |
| Nickel     | 60-2  | 249399   | 248392   | 250416   | 249402   | 0.41   | cps   |
| Phosphorus | 31-2  | 23536    | 23611    | 24120    | 23756    | 1.34   | cps   |
| Potassium  | 39-2  | 2365721  | 2377401  | 2376633  | 2373252  | 0.28   | cps   |
| Rhodium    | 103-1 | 9301649  | 9168479  | 9245947  | 9238692  | 0.72   | cps   |
| Rhodium    | 103-2 | 4769902  | 4781559  | 4810693  | 4787385  | 0.44   | cps   |
| Scandium   | 45-1  | 6716552  | 6682877  | 6646501  | 6681977  | 0.52   | cps   |
| Scandium   | 45-2  | 350917   | 356718   | 352900   | 353512   | 0.83   | cps   |
| Selenium   | 77-2  | 1507     | 1477     | 1620     | 1535     | 4.93   | cps   |
| Selenium   | 78-2  | 5282     | 5244     | 5127     | 5218     | 1.55   | cps   |
| Selenium   | 82-1  | 26591    | 26617    | 26478    | 26562    | 0.28   | cps   |
| Silicon    | 28-1  | 1942293  | 1937349  | 1951883  | 1943842  | 0.38   | cps   |
| Silver     | 109-1 | 1965648  | 1948148  | 1965475  | 1959757  | 0.51   | cps   |
| Silver     | 107-1 | 2057793  | 2032495  | 2035448  | 2041912  | 0.68   | cps   |
| Sodium     | 23-2  | 8401232  | 8425635  | 8397843  | 8408237  | 0.18   | cps   |
| Strontium  | 86-1  | 513016   | 507726   | 511528   | 510757   | 0.53   | cps   |
| Strontium  | 88-1  | 4504774  | 4496049  | 4548611  | 4516478  | 0.62   | cps   |
| Sulfur     | 34-1  | 851501   | 851684   | 862233   | 855139   | 0.72   | cps   |
| Terbium    | 159-1 | 12631896 | 12648526 | 12662674 | 12647698 | 0.12   | cps   |
| Terbium    | 159-2 | 6927099  | 6964786  | 6943412  | 6945099  | 0.27   | cps   |
| Thallium   | 203-1 | 1495429  | 1490252  | 1495959  | 1493880  | 0.21   | cps   |
| Thallium   | 205-1 | 3641465  | 3610840  | 3640472  | 3630926  | 0.48   | cps   |
| Tin        | 118-1 | 1289251  | 1270124  | 1290464  | 1283280  | 0.89   | cps   |
| Titanium   | 47-1  | 247747   | 247246   | 246738   | 247244   | 0.20   | cps   |
| Uranium    | 238-1 | 5097541  | 5018584  | 5059756  | 5058627  | 0.78   | cps   |
| Vanadium   | 51-2  | 473704   | 473259   | 476251   | 474405   | 0.34   | cps   |
| Yttrium    | 89-1  | 10272733 | 10294327 | 10309123 | 10292061 | 0.18   | cps   |
| Yttrium    | 89-2  | 1797552  | 1807370  | 1793378  | 1799434  | 0.40   | cps   |
| Zinc       | 66-2  | 196766   | 198033   | 195415   | 196738   | 0.67   | cps   |
| Zirconium  | 90-1  | 2892836  | 2897235  | 2913070  | 2901047  | 0.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:17:19 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 643654 | 637703 | 638732 | 640030  | 0.50   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:20:57 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 778452   | 785873   | 787948   | 784091   | 0.64   | cps   |
| Antimony   | 121-1 | 3361069  | 3378438  | 3378994  | 3372833  | 0.30   | cps   |
| Arsenic    | 75-2  | 137853   | 139790   | 138694   | 138779   | 0.70   | cps   |
| Barium     | 135-1 | 3933304  | 4019821  | 4023523  | 3992216  | 1.28   | cps   |
| Barium     | 137-1 | 6753926  | 6825319  | 6947878  | 6842374  | 1.43   | cps   |
| Beryllium  | 9-1   | 765665   | 769810   | 774802   | 770092   | 0.59   | cps   |
| Bismuth    | 209-1 | 7795875  | 7804050  | 7817791  | 7805906  | 0.14   | cps   |
| Bismuth    | 209-2 | 5397577  | 5474043  | 5433487  | 5435036  | 0.70   | cps   |
| Boron      | 10-1  | 89162    | 90831    | 92181    | 90725    | 1.67   | cps   |
| Boron      | 11-1  | 439339   | 444039   | 450239   | 444539   | 1.23   | cps   |
| Cadmium    | 111-1 | 841559   | 843154   | 844565   | 843093   | 0.18   | cps   |
| Cadmium    | 106-1 | 93038    | 94724    | 95035    | 94266    | 1.14   | cps   |
| Cadmium    | 108-1 | 60295    | 60746    | 61517    | 60853    | 1.02   | cps   |
| Calcium    | 43-1  | 1011075  | 1011227  | 1014977  | 1012426  | 0.22   | cps   |
| Calcium    | 44-1  | 16434719 | 16387156 | 16510110 | 16443995 | 0.38   | cps   |
| Chromium   | 52-2  | 1174887  | 1178340  | 1176565  | 1176597  | 0.15   | cps   |
| Cobalt     | 59-2  | 1853180  | 1852619  | 1868733  | 1858177  | 0.49   | cps   |
| Copper     | 63-2  | 2653000  | 2646659  | 2670210  | 2656623  | 0.46   | cps   |
| Dysprosium | 156-1 | 58       | 125      | 58       | 81       | 47.78  | cps   |
| Dysprosium | 156-2 | 47       | 37       | 33       | 39       | 17.85  | cps   |
| Erbium     | 164-1 | 58       | 58       | 17       | 44       | 54.12  | cps   |
| Erbium     | 164-2 | 17       | 47       | 37       | 33       | 45.82  | cps   |
| Gadolinium | 160-1 | 125      | 117      | 150      | 131      | 13.29  | cps   |
| Gadolinium | 160-2 | 157      | 143      | 160      | 153      | 5.75   | cps   |
| Holmium    | 165-1 | 12228061 | 12297708 | 12279547 | 12268439 | 0.29   | cps   |
| Holmium    | 165-2 | 6964941  | 6953946  | 6922338  | 6947075  | 0.32   | cps   |
| Indium     | 115-1 | 9798246  | 9814536  | 9896401  | 9836394  | 0.53   | cps   |
| Indium     | 115-2 | 2234285  | 2239112  | 2250081  | 2241159  | 0.36   | cps   |
| Iron       | 56-2  | 50852861 | 50975561 | 51037211 | 50955211 | 0.18   | cps   |
| Iron       | 57-2  | 1242074  | 1248116  | 1251117  | 1247102  | 0.37   | cps   |
| Lead       | 206-1 | 2458107  | 2454321  | 2486373  | 2466267  | 0.71   | cps   |
| Lead       | 207-1 | 2222232  | 2230630  | 2246385  | 2233082  | 0.55   | cps   |
| Lead       | 208-1 | 10037677 | 10084941 | 10128505 | 10083708 | 0.45   | cps   |
| Lithium    | 6-1   | 1916311  | 1913234  | 1922559  | 1917368  | 0.25   | cps   |
| Magnesium  | 24-2  | 8813283  | 8802762  | 8853837  | 8823294  | 0.31   | cps   |
| Manganese  | 55-2  | 1371416  | 1379030  | 1381998  | 1377482  | 0.40   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:20:57 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3064388  | 3087324  | 3072395  | 3074702  | 0.38   | cps   |
| Molybdenum | 95-1  | 1633018  | 1653193  | 1638955  | 1641722  | 0.63   | cps   |
| Molybdenum | 96-1  | 2099445  | 2122193  | 2123882  | 2115174  | 0.65   | cps   |
| Molybdenum | 97-1  | 1012198  | 1019061  | 1025938  | 1019066  | 0.67   | cps   |
| Molybdenum | 98-1  | 2636003  | 2640521  | 2650199  | 2642241  | 0.27   | cps   |
| Neodymium  | 150-1 | 233      | 253      | 307      | 264      | 14.34  | cps   |
| Neodymium  | 150-2 | 30       | 27       | 23       | 27       | 12.51  | cps   |
| Nickel     | 60-2  | 492216   | 493407   | 496607   | 494077   | 0.46   | cps   |
| Phosphorus | 31-2  | 47017    | 46063    | 47084    | 46721    | 1.22   | cps   |
| Potassium  | 39-2  | 4717826  | 4740989  | 4763569  | 4740795  | 0.48   | cps   |
| Rhodium    | 103-1 | 9152918  | 9223756  | 9191415  | 9189363  | 0.39   | cps   |
| Rhodium    | 103-2 | 4706926  | 4726719  | 4772198  | 4735281  | 0.71   | cps   |
| Scandium   | 45-1  | 6668645  | 6697215  | 6735733  | 6700531  | 0.50   | cps   |
| Scandium   | 45-2  | 350185   | 352467   | 354725   | 352459   | 0.64   | cps   |
| Selenium   | 77-2  | 3074     | 3264     | 3054     | 3130     | 3.70   | cps   |
| Selenium   | 78-2  | 10152    | 10485    | 10385    | 10341    | 1.66   | cps   |
| Selenium   | 82-1  | 53690    | 54150    | 54721    | 54187    | 0.95   | cps   |
| Silicon    | 28-1  | 3239710  | 3267172  | 3297325  | 3268069  | 0.88   | cps   |
| Silver     | 109-1 | 3952296  | 3974470  | 3999291  | 3975352  | 0.59   | cps   |
| Silver     | 107-1 | 4130334  | 4131550  | 4169698  | 4143861  | 0.54   | cps   |
| Sodium     | 23-2  | 16684820 | 16822094 | 16870109 | 16792341 | 0.57   | cps   |
| Strontium  | 86-1  | 1041867  | 1042727  | 1039142  | 1041245  | 0.18   | cps   |
| Strontium  | 88-1  | 8986339  | 9074340  | 9056123  | 9038934  | 0.51   | cps   |
| Sulfur     | 34-1  | 1027344  | 1021517  | 1027636  | 1025499  | 0.34   | cps   |
| Terbium    | 159-1 | 12606276 | 12730414 | 12769091 | 12701927 | 0.67   | cps   |
| Terbium    | 159-2 | 6921504  | 7064146  | 6963571  | 6983074  | 1.05   | cps   |
| Thallium   | 203-1 | 3062385  | 3026397  | 3058894  | 3049225  | 0.65   | cps   |
| Thallium   | 205-1 | 7227974  | 7145030  | 7286268  | 7219757  | 0.98   | cps   |
| Tin        | 118-1 | 2619387  | 2627864  | 2624127  | 2623793  | 0.16   | cps   |
| Titanium   | 47-1  | 502655   | 501296   | 507762   | 503904   | 0.68   | cps   |
| Uranium    | 238-1 | 10369819 | 10389387 | 10253253 | 10337486 | 0.71   | cps   |
| Vanadium   | 51-2  | 956003   | 958681   | 957134   | 957273   | 0.14   | cps   |
| Yttrium    | 89-1  | 10379008 | 10497492 | 10521296 | 10465932 | 0.73   | cps   |
| Yttrium    | 89-2  | 1793145  | 1798889  | 1811861  | 1801298  | 0.53   | cps   |
| Zinc       | 66-2  | 390117   | 390028   | 393556   | 391234   | 0.51   | cps   |
| Zirconium  | 90-1  | 5882851  | 5871972  | 5907089  | 5887304  | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:20:57 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1290749 | 1298978 | 1300195 | 1296641 | 0.40   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : S6 Instrumnet Name : P7  
 Client Sample ID : S6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:24:31 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3     | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1555010   | 1552045   | 1559179  | 1555411   | 0.23   | cps   |
| Antimony   | 121-1 | 6631478   | 6682295   | 6706950  | 6673574   | 0.58   | cps   |
| Arsenic    | 75-2  | 276239    | 278010    | 275903   | 276717    | 0.41   | cps   |
| Barium     | 135-1 | 7763560   | 7804255   | 7722448  | 7763421   | 0.53   | cps   |
| Barium     | 137-1 | 13440291  | 13676279  | 13545672 | 13554081  | 0.87   | cps   |
| Beryllium  | 9-1   | 1517238   | 1516140   | 1516107  | 1516495   | 0.04   | cps   |
| Bismuth    | 209-1 | 7744769   | 7809399   | 7626211  | 7726793   | 1.20   | cps   |
| Bismuth    | 209-2 | 5373496   | 5375828   | 5377018  | 5375447   | 0.03   | cps   |
| Boron      | 10-1  | 177521    | 177570    | 178438   | 177843    | 0.29   | cps   |
| Boron      | 11-1  | 869696    | 880272    | 874366   | 874778    | 0.61   | cps   |
| Cadmium    | 111-1 | 1631561   | 1652450   | 1633205  | 1639072   | 0.71   | cps   |
| Cadmium    | 106-1 | 183126    | 180965    | 181652   | 181915    | 0.61   | cps   |
| Cadmium    | 108-1 | 120464    | 119024    | 120532   | 120007    | 0.71   | cps   |
| Calcium    | 43-1  | 1994893   | 2012104   | 2007045  | 2004681   | 0.44   | cps   |
| Calcium    | 44-1  | 32498898  | 32652119  | 32523007 | 32558008  | 0.25   | cps   |
| Chromium   | 52-2  | 2342064   | 2327332   | 2337953  | 2335783   | 0.33   | cps   |
| Cobalt     | 59-2  | 3682443   | 3678025   | 3675270  | 3678579   | 0.10   | cps   |
| Copper     | 63-2  | 5259136   | 5262878   | 5255575  | 5259196   | 0.07   | cps   |
| Dysprosium | 156-1 | 125       | 150       | 225      | 167       | 31.22  | cps   |
| Dysprosium | 156-2 | 50        | 83        | 100      | 78        | 32.73  | cps   |
| Erbium     | 164-1 | 67        | 75        | 33       | 58        | 37.80  | cps   |
| Erbium     | 164-2 | 33        | 30        | 43       | 36        | 19.51  | cps   |
| Gadolinium | 160-1 | 200       | 258       | 233      | 231       | 12.69  | cps   |
| Gadolinium | 160-2 | 177       | 237       | 193      | 202       | 15.32  | cps   |
| Holmium    | 165-1 | 12230645  | 12372977  | 12190883 | 12264835  | 0.78   | cps   |
| Holmium    | 165-2 | 7042509   | 6952453   | 7036856  | 7010606   | 0.72   | cps   |
| Indium     | 115-1 | 9607201   | 9642835   | 9622406  | 9624147   | 0.19   | cps   |
| Indium     | 115-2 | 2213466   | 2221619   | 2218216  | 2217767   | 0.18   | cps   |
| Iron       | 56-2  | 100295011 | 100142044 | 99815169 | 100084074 | 0.24   | cps   |
| Iron       | 57-2  | 2473564   | 2459254   | 2455268  | 2462695   | 0.39   | cps   |
| Lead       | 206-1 | 4871672   | 4901781   | 4938517  | 4903990   | 0.68   | cps   |
| Lead       | 207-1 | 4387917   | 4454896   | 4429675  | 4424162   | 0.76   | cps   |
| Lead       | 208-1 | 19661642  | 19909048  | 19771060 | 19780583  | 0.63   | cps   |
| Lithium    | 6-1   | 1870369   | 1902271   | 1874145  | 1882262   | 0.93   | cps   |
| Magnesium  | 24-2  | 17405320  | 17352760  | 17269229 | 17342436  | 0.40   | cps   |
| Manganese  | 55-2  | 2731779   | 2722471   | 2726714  | 2726988   | 0.17   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:24:31 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6098616  | 6090504  | 6072629  | 6087249  | 0.22   | cps   |
| Molybdenum | 95-1  | 3264488  | 3319671  | 3288459  | 3290872  | 0.84   | cps   |
| Molybdenum | 96-1  | 4216685  | 4248868  | 4223208  | 4229587  | 0.40   | cps   |
| Molybdenum | 97-1  | 2027939  | 2046204  | 2036048  | 2036731  | 0.45   | cps   |
| Molybdenum | 98-1  | 5283669  | 5337900  | 5270358  | 5297309  | 0.68   | cps   |
| Neodymium  | 150-1 | 433      | 507      | 387      | 442      | 13.68  | cps   |
| Neodymium  | 150-2 | 53       | 47       | 43       | 48       | 10.66  | cps   |
| Nickel     | 60-2  | 970938   | 971568   | 971153   | 971220   | 0.03   | cps   |
| Phosphorus | 31-2  | 93979    | 91069    | 93182    | 92743    | 1.62   | cps   |
| Potassium  | 39-2  | 9145602  | 9132509  | 9149094  | 9142402  | 0.10   | cps   |
| Rhodium    | 103-1 | 9062181  | 9089870  | 8953027  | 9035026  | 0.80   | cps   |
| Rhodium    | 103-2 | 4675647  | 4716489  | 4695440  | 4695859  | 0.43   | cps   |
| Scandium   | 45-1  | 6643220  | 6683202  | 6718041  | 6681488  | 0.56   | cps   |
| Scandium   | 45-2  | 355894   | 354082   | 353850   | 354609   | 0.32   | cps   |
| Selenium   | 77-2  | 5891     | 6178     | 6071     | 6047     | 2.40   | cps   |
| Selenium   | 78-2  | 20418    | 20261    | 20235    | 20304    | 0.49   | cps   |
| Selenium   | 82-1  | 105099   | 106459   | 105827   | 105795   | 0.64   | cps   |
| Silicon    | 28-1  | 4514317  | 4562656  | 4597909  | 4558294  | 0.92   | cps   |
| Silver     | 109-1 | 7643538  | 7837057  | 7771936  | 7750844  | 1.27   | cps   |
| Silver     | 107-1 | 8077590  | 8109775  | 7999300  | 8062222  | 0.70   | cps   |
| Sodium     | 23-2  | 33071022 | 32784485 | 32867846 | 32907784 | 0.45   | cps   |
| Strontium  | 86-1  | 2037392  | 2065501  | 2055050  | 2052648  | 0.69   | cps   |
| Strontium  | 88-1  | 17955867 | 17990554 | 17768625 | 17905016 | 0.67   | cps   |
| Sulfur     | 34-1  | 1343044  | 1338762  | 1328464  | 1336757  | 0.56   | cps   |
| Terbium    | 159-1 | 12593131 | 12614952 | 12588955 | 12599013 | 0.11   | cps   |
| Terbium    | 159-2 | 6966462  | 7002492  | 6953827  | 6974260  | 0.36   | cps   |
| Thallium   | 203-1 | 6059198  | 6145198  | 6092998  | 6099131  | 0.71   | cps   |
| Thallium   | 205-1 | 14156911 | 14389628 | 14273902 | 14273480 | 0.82   | cps   |
| Tin        | 118-1 | 5161005  | 5251537  | 5196554  | 5203032  | 0.88   | cps   |
| Titanium   | 47-1  | 991227   | 997095   | 988078   | 992133   | 0.46   | cps   |
| Uranium    | 238-1 | 20681777 | 20842952 | 20573903 | 20699544 | 0.65   | cps   |
| Vanadium   | 51-2  | 1904737  | 1901701  | 1899477  | 1901972  | 0.14   | cps   |
| Yttrium    | 89-1  | 10362856 | 10459603 | 10367827 | 10396762 | 0.52   | cps   |
| Yttrium    | 89-2  | 1790210  | 1802288  | 1802868  | 1798455  | 0.40   | cps   |
| Zinc       | 66-2  | 767281   | 769455   | 766350   | 767695   | 0.21   | cps   |
| Zirconium  | 90-1  | 11609730 | 11710678 | 11664595 | 11661668 | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:24:31 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2570895 | 2610271 | 2591378 | 2590848 | 0.76   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:28:01 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3057886   | 3096487   | 3094298   | 3082890   | 0.70   | cps   |
| Antimony   | 121-1 | 13388143  | 13384019  | 13411504  | 13394555  | 0.11   | cps   |
| Arsenic    | 75-2  | 543106    | 553070    | 550587    | 548921    | 0.94   | cps   |
| Barium     | 135-1 | 15338903  | 15490494  | 15443847  | 15424415  | 0.50   | cps   |
| Barium     | 137-1 | 27021071  | 26926975  | 27176128  | 27041391  | 0.47   | cps   |
| Beryllium  | 9-1   | 2978898   | 2988639   | 3003881   | 2990472   | 0.42   | cps   |
| Bismuth    | 209-1 | 7625967   | 7608102   | 7772938   | 7669002   | 1.18   | cps   |
| Bismuth    | 209-2 | 5204765   | 5320157   | 5314427   | 5279783   | 1.23   | cps   |
| Boron      | 10-1  | 346595    | 352878    | 354418    | 351297    | 1.18   | cps   |
| Boron      | 11-1  | 1713333   | 1726199   | 1740975   | 1726836   | 0.80   | cps   |
| Cadmium    | 111-1 | 3255974   | 3240256   | 3264590   | 3253606   | 0.38   | cps   |
| Cadmium    | 106-1 | 357433    | 353433    | 357248    | 356038    | 0.63   | cps   |
| Cadmium    | 108-1 | 234723    | 235069    | 237886    | 235893    | 0.74   | cps   |
| Calcium    | 43-1  | 4023400   | 4049293   | 4039637   | 4037444   | 0.32   | cps   |
| Calcium    | 44-1  | 64841545  | 64952883  | 64692466  | 64828965  | 0.20   | cps   |
| Chromium   | 52-2  | 4604580   | 4659136   | 4659328   | 4641014   | 0.68   | cps   |
| Cobalt     | 59-2  | 7072191   | 7110338   | 7129902   | 7104143   | 0.41   | cps   |
| Copper     | 63-2  | 9956792   | 10112333  | 10036486  | 10035203  | 0.78   | cps   |
| Dysprosium | 156-1 | 258       | 292       | 283       | 278       | 6.24   | cps   |
| Dysprosium | 156-2 | 210       | 147       | 217       | 191       | 20.22  | cps   |
| Erbium     | 164-1 | 42        | 125       | 108       | 92        | 48.10  | cps   |
| Erbium     | 164-2 | 23        | 30        | 50        | 34        | 40.30  | cps   |
| Gadolinium | 160-1 | 225       | 300       | 225       | 250       | 17.32  | cps   |
| Gadolinium | 160-2 | 180       | 183       | 207       | 190       | 7.65   | cps   |
| Holmium    | 165-1 | 12358789  | 12275889  | 12373823  | 12336167  | 0.43   | cps   |
| Holmium    | 165-2 | 6934804   | 7062019   | 6995088   | 6997304   | 0.91   | cps   |
| Indium     | 115-1 | 9550406   | 9576096   | 9471296   | 9532599   | 0.57   | cps   |
| Indium     | 115-2 | 2149160   | 2176921   | 2173272   | 2166451   | 0.70   | cps   |
| Iron       | 56-2  | 196819188 | 197991238 | 199148054 | 197986160 | 0.59   | cps   |
| Iron       | 57-2  | 4866716   | 4921154   | 4929116   | 4905662   | 0.69   | cps   |
| Lead       | 206-1 | 9765617   | 9843737   | 9908897   | 9839417   | 0.73   | cps   |
| Lead       | 207-1 | 8915329   | 8995695   | 8835999   | 8915675   | 0.90   | cps   |
| Lead       | 208-1 | 39356282  | 39712949  | 39751151  | 39606794  | 0.55   | cps   |
| Lithium    | 6-1   | 1830832   | 1821161   | 1867952   | 1839982   | 1.34   | cps   |
| Magnesium  | 24-2  | 33782720  | 33929263  | 34112439  | 33941474  | 0.49   | cps   |
| Manganese  | 55-2  | 5345382   | 5386380   | 5397164   | 5376309   | 0.51   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:28:01 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 12107634 | 12201421 | 12267529 | 12192195 | 0.66   | cps   |
| Molybdenum | 95-1  | 6544599  | 6593687  | 6615506  | 6584597  | 0.55   | cps   |
| Molybdenum | 96-1  | 8393498  | 8438997  | 8488830  | 8440442  | 0.56   | cps   |
| Molybdenum | 97-1  | 4062322  | 4080073  | 4104572  | 4082322  | 0.52   | cps   |
| Molybdenum | 98-1  | 10503990 | 10542248 | 10710065 | 10585434 | 1.04   | cps   |
| Neodymium  | 150-1 | 867      | 847      | 827      | 847      | 2.36   | cps   |
| Neodymium  | 150-2 | 103      | 93       | 63       | 87       | 24.02  | cps   |
| Nickel     | 60-2  | 1880875  | 1893703  | 1900347  | 1891642  | 0.52   | cps   |
| Phosphorus | 31-2  | 179829   | 184454   | 184096   | 182793   | 1.41   | cps   |
| Potassium  | 39-2  | 17857498 | 18099486 | 18192933 | 18049972 | 0.96   | cps   |
| Rhodium    | 103-1 | 8854771  | 8902146  | 9030333  | 8929083  | 1.02   | cps   |
| Rhodium    | 103-2 | 4535380  | 4650139  | 4636571  | 4607363  | 1.36   | cps   |
| Scandium   | 45-1  | 6710746  | 6818807  | 6710952  | 6746835  | 0.92   | cps   |
| Scandium   | 45-2  | 351504   | 354048   | 355659   | 353737   | 0.59   | cps   |
| Selenium   | 77-2  | 11671    | 11608    | 11865    | 11715    | 1.14   | cps   |
| Selenium   | 78-2  | 39455    | 39784    | 40590    | 39943    | 1.46   | cps   |
| Selenium   | 82-1  | 208429   | 207940   | 209733   | 208701   | 0.44   | cps   |
| Silicon    | 28-1  | 8049625  | 8028122  | 8069147  | 8048964  | 0.25   | cps   |
| Silver     | 109-1 | 15092100 | 15184937 | 15430008 | 15235681 | 1.15   | cps   |
| Silver     | 107-1 | 15898091 | 15799986 | 16048788 | 15915622 | 0.79   | cps   |
| Sodium     | 23-2  | 64071683 | 64984014 | 65021545 | 64692414 | 0.83   | cps   |
| Strontium  | 86-1  | 4159440  | 4132507  | 4188146  | 4160031  | 0.67   | cps   |
| Strontium  | 88-1  | 35880844 | 35662913 | 35986300 | 35843352 | 0.46   | cps   |
| Sulfur     | 34-1  | 2012536  | 2003340  | 1997211  | 2004362  | 0.38   | cps   |
| Terbium    | 159-1 | 12834111 | 12722503 | 12915179 | 12823931 | 0.75   | cps   |
| Terbium    | 159-2 | 6880305  | 7003312  | 7032828  | 6972148  | 1.16   | cps   |
| Thallium   | 203-1 | 12011495 | 12060371 | 12038879 | 12036915 | 0.20   | cps   |
| Thallium   | 205-1 | 28657882 | 28322195 | 28516241 | 28498773 | 0.59   | cps   |
| Tin        | 118-1 | 10330450 | 10365110 | 10376889 | 10357483 | 0.23   | cps   |
| Titanium   | 47-1  | 1996605  | 2016685  | 1995696  | 2002995  | 0.59   | cps   |
| Uranium    | 238-1 | 41109603 | 40670947 | 41902709 | 41227753 | 1.51   | cps   |
| Vanadium   | 51-2  | 3787539  | 3819842  | 3832362  | 3813248  | 0.61   | cps   |
| Yttrium    | 89-1  | 10491762 | 10372028 | 10445287 | 10436359 | 0.58   | cps   |
| Yttrium    | 89-2  | 1780118  | 1807407  | 1805928  | 1797818  | 0.85   | cps   |
| Zinc       | 66-2  | 1474846  | 1496918  | 1502573  | 1491446  | 0.98   | cps   |
| Zirconium  | 90-1  | 23356688 | 23656742 | 23565189 | 23526206 | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:28:01 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 5227015 | 5229068 | 5281936 | 5246006 | 0.59   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:31:28 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15748377  | 15860626  | 15681695  | 15763566  | 0.57   | cps   |
| Antimony   | 121-1 | 46829     | 45457     | 43335     | 45207     | 3.89   | cps   |
| Arsenic    | 75-2  | 317       | 263       | 333       | 304       | 12.08  | cps   |
| Barium     | 135-1 | 5743      | 5718      | 5593      | 5685      | 1.41   | cps   |
| Barium     | 137-1 | 9887      | 10079     | 10171     | 10046     | 1.44   | cps   |
| Beryllium  | 9-1   | 411       | 406       | 333       | 383       | 11.32  | cps   |
| Bismuth    | 209-1 | 6810071   | 6644727   | 6698008   | 6717602   | 1.26   | cps   |
| Bismuth    | 209-2 | 4773373   | 4815432   | 4769027   | 4785944   | 0.54   | cps   |
| Boron      | 10-1  | 10629     | 10771     | 9445      | 10282     | 7.08   | cps   |
| Boron      | 11-1  | 51764     | 48495     | 45954     | 48738     | 5.98   | cps   |
| Cadmium    | 111-1 | 2909      | 2858      | 2837      | 2868      | 1.29   | cps   |
| Cadmium    | 106-1 | 3467      | 3417      | 3367      | 3417      | 1.46   | cps   |
| Cadmium    | 108-1 | 50        | 54        | 29        | 44        | 30.13  | cps   |
| Calcium    | 43-1  | 19455409  | 19368550  | 19291222  | 19371727  | 0.42   | cps   |
| Calcium    | 44-1  | 316947015 | 313317832 | 312960090 | 314408313 | 0.70   | cps   |
| Chromium   | 52-2  | 17210     | 17063     | 17204     | 17159     | 0.48   | cps   |
| Cobalt     | 59-2  | 8693      | 9000      | 8863      | 8852      | 1.74   | cps   |
| Copper     | 63-2  | 16540     | 16339     | 15565     | 16148     | 3.19   | cps   |
| Dysprosium | 156-1 | 167       | 125       | 108       | 133       | 22.54  | cps   |
| Dysprosium | 156-2 | 67        | 70        | 70        | 69        | 2.79   | cps   |
| Erbium     | 164-1 | 100       | 25        | 58        | 61        | 61.49  | cps   |
| Erbium     | 164-2 | 40        | 30        | 57        | 42        | 31.91  | cps   |
| Gadolinium | 160-1 | 250       | 242       | 150       | 214       | 25.94  | cps   |
| Gadolinium | 160-2 | 180       | 183       | 187       | 183       | 1.82   | cps   |
| Holmium    | 165-1 | 11494789  | 11612621  | 11545450  | 11550954  | 0.51   | cps   |
| Holmium    | 165-2 | 6812106   | 6838403   | 6755973   | 6802161   | 0.62   | cps   |
| Indium     | 115-1 | 8839634   | 8915718   | 8703763   | 8819705   | 1.22   | cps   |
| Indium     | 115-2 | 2117454   | 2126061   | 2103935   | 2115817   | 0.53   | cps   |
| Iron       | 56-2  | 941390265 | 949308710 | 942517954 | 944405643 | 0.45   | cps   |
| Iron       | 57-2  | 23256052  | 23343824  | 23090266  | 23230047  | 0.55   | cps   |
| Lead       | 206-1 | 17061     | 17696     | 17340     | 17365     | 1.83   | cps   |
| Lead       | 207-1 | 15621     | 15320     | 15048     | 15330     | 1.87   | cps   |
| Lead       | 208-1 | 68765     | 70152     | 68370     | 69095     | 1.35   | cps   |
| Lithium    | 6-1   | 1758861   | 1723789   | 1733424   | 1738692   | 1.04   | cps   |
| Magnesium  | 24-2  | 167746412 | 168673679 | 166769916 | 167730002 | 0.57   | cps   |
| Manganese  | 55-2  | 14631     | 14507     | 14107     | 14415     | 1.90   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:31:28 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 8419      | 8253      | 8103      | 8258      | 1.92   | cps   |
| Molybdenum | 95-1  | 10504     | 10463     | 10488     | 10485     | 0.20   | cps   |
| Molybdenum | 96-1  | 17470     | 16944     | 16952     | 17122     | 1.76   | cps   |
| Molybdenum | 97-1  | 6535      | 6510      | 6402      | 6482      | 1.09   | cps   |
| Molybdenum | 98-1  | 15659     | 15509     | 15759     | 15642     | 0.81   | cps   |
| Neodymium  | 150-1 | 153       | 87        | 127       | 122       | 27.45  | cps   |
| Neodymium  | 150-2 | 53        | 73        | 60        | 62        | 16.37  | cps   |
| Nickel     | 60-2  | 4531      | 4531      | 4417      | 4493      | 1.46   | cps   |
| Phosphorus | 31-2  | 292       | 325       | 200       | 272       | 23.78  | cps   |
| Potassium  | 39-2  | 90020575  | 90447465  | 89451477  | 89973172  | 0.56   | cps   |
| Rhodium    | 103-1 | 8104098   | 7951090   | 7919905   | 7991698   | 1.23   | cps   |
| Rhodium    | 103-2 | 4156274   | 4174361   | 4142602   | 4157746   | 0.38   | cps   |
| Scandium   | 45-1  | 6350960   | 6362154   | 6366171   | 6359762   | 0.12   | cps   |
| Scandium   | 45-2  | 345388    | 344774    | 343919    | 344694    | 0.21   | cps   |
| Selenium   | 77-2  | 10        | 10        | 10        | 10        | 0.00   | cps   |
| Selenium   | 78-2  | 169       | 141       | 135       | 148       | 12.05  | cps   |
| Selenium   | 82-1  | 398       | 237       | 336       | 324       | 24.96  | cps   |
| Silicon    | 28-1  | 696030    | 696317    | 695454    | 695934    | 0.06   | cps   |
| Silver     | 109-1 | 1742      | 1583      | 1525      | 1617      | 6.94   | cps   |
| Silver     | 107-1 | 2034      | 1984      | 1892      | 1970      | 3.65   | cps   |
| Sodium     | 23-2  | 315149707 | 316313565 | 312636999 | 314700090 | 0.60   | cps   |
| Strontium  | 86-1  | 135929    | 134945    | 134903    | 135259    | 0.43   | cps   |
| Strontium  | 88-1  | 1166195   | 1170852   | 1167213   | 1168087   | 0.21   | cps   |
| Sulfur     | 34-1  | 607962    | 611946    | 604610    | 608173    | 0.60   | cps   |
| Terbium    | 159-1 | 11982750  | 11953483  | 11873634  | 11936622  | 0.47   | cps   |
| Terbium    | 159-2 | 6732109   | 6814392   | 6714321   | 6753608   | 0.79   | cps   |
| Thallium   | 203-1 | 3809      | 3992      | 3526      | 3776      | 6.23   | cps   |
| Thallium   | 205-1 | 10113     | 8987      | 8253      | 9117      | 10.27  | cps   |
| Tin        | 118-1 | 10396     | 10346     | 10221     | 10321     | 0.87   | cps   |
| Titanium   | 47-1  | 1192      | 1367      | 1492      | 1350      | 11.16  | cps   |
| Uranium    | 238-1 | 3492      | 3301      | 3501      | 3431      | 3.30   | cps   |
| Vanadium   | 51-2  | 1137      | 1150      | 1053      | 1113      | 4.70   | cps   |
| Yttrium    | 89-1  | 9719249   | 9682283   | 9609494   | 9670342   | 0.58   | cps   |
| Yttrium    | 89-2  | 1752445   | 1759209   | 1753451   | 1755035   | 0.21   | cps   |
| Zinc       | 66-2  | 4768      | 4748      | 4724      | 4746      | 0.46   | cps   |
| Zirconium  | 90-1  | 6493      | 6210      | 5585      | 6096      | 7.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:31:28 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1392 | 1233 | 1375 | 1333    | 6.53   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:35:10 DataFile Name : 012ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 84874    | 84513    | 84614    | 84667    | 0.22   | cps   |
| Antimony   | 121-1 | 2642547  | 2646546  | 2656145  | 2648413  | 0.26   | cps   |
| Arsenic    | 75-2  | 114612   | 114507   | 113216   | 114111   | 0.68   | cps   |
| Barium     | 135-1 | 317746   | 318244   | 319511   | 318500   | 0.29   | cps   |
| Barium     | 137-1 | 550537   | 557835   | 552122   | 553498   | 0.69   | cps   |
| Beryllium  | 9-1   | 302649   | 306675   | 306646   | 305323   | 0.76   | cps   |
| Bismuth    | 209-1 | 7935263  | 7905009  | 7886694  | 7908988  | 0.31   | cps   |
| Bismuth    | 209-2 | 5619973  | 5656136  | 5680496  | 5652201  | 0.54   | cps   |
| Boron      | 10-1  | 175625   | 178868   | 180901   | 178465   | 1.49   | cps   |
| Boron      | 11-1  | 854908   | 861394   | 867703   | 861335   | 0.74   | cps   |
| Cadmium    | 111-1 | 349349   | 348480   | 352854   | 350228   | 0.66   | cps   |
| Cadmium    | 106-1 | 68776    | 68148    | 68340    | 68421    | 0.47   | cps   |
| Cadmium    | 108-1 | 35357    | 35465    | 35582    | 35468    | 0.32   | cps   |
| Calcium    | 43-1  | 93034    | 96522    | 93882    | 94479    | 1.93   | cps   |
| Calcium    | 44-1  | 1453128  | 1456432  | 1473540  | 1461034  | 0.75   | cps   |
| Chromium   | 52-2  | 471459   | 472896   | 469870   | 471408   | 0.32   | cps   |
| Cobalt     | 59-2  | 766551   | 763298   | 760754   | 763534   | 0.38   | cps   |
| Copper     | 63-2  | 556095   | 553381   | 553128   | 554201   | 0.30   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 17       | 25       | 33.34  | cps   |
| Dysprosium | 156-2 | 3        | 17       | 3        | 8        | 99.04  | cps   |
| Erbium     | 164-1 | 83       | 175      | 142      | 133      | 34.80  | cps   |
| Erbium     | 164-2 | 63       | 77       | 37       | 59       | 34.58  | cps   |
| Gadolinium | 160-1 | 192      | 133      | 42       | 122      | 61.87  | cps   |
| Gadolinium | 160-2 | 160      | 130      | 137      | 142      | 11.08  | cps   |
| Holmium    | 165-1 | 12107136 | 12217565 | 12309322 | 12211341 | 0.83   | cps   |
| Holmium    | 165-2 | 7128504  | 7112157  | 7201918  | 7147526  | 0.67   | cps   |
| Indium     | 115-1 | 9895015  | 9776132  | 9736844  | 9802664  | 0.84   | cps   |
| Indium     | 115-2 | 2307620  | 2309776  | 2318500  | 2311966  | 0.25   | cps   |
| Iron       | 56-2  | 4161154  | 4175602  | 4181004  | 4172586  | 0.25   | cps   |
| Iron       | 57-2  | 102399   | 102858   | 101247   | 102168   | 0.81   | cps   |
| Lead       | 206-1 | 2030391  | 2036512  | 2032752  | 2033218  | 0.15   | cps   |
| Lead       | 207-1 | 1755677  | 1749322  | 1746779  | 1750593  | 0.26   | cps   |
| Lead       | 208-1 | 8060101  | 8078817  | 8063824  | 8067580  | 0.12   | cps   |
| Lithium    | 6-1   | 1935935  | 1927354  | 1925002  | 1929430  | 0.30   | cps   |
| Magnesium  | 24-2  | 429498   | 434443   | 431874   | 431938   | 0.57   | cps   |
| Manganese  | 55-2  | 282532   | 282480   | 283471   | 282827   | 0.20   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:35:10 DataFile Name : 012ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5930730  | 5963416  | 5933554  | 5942567  | 0.30   | cps   |
| Molybdenum | 95-1  | 3229764  | 3224724  | 3268129  | 3240872  | 0.73   | cps   |
| Molybdenum | 96-1  | 4154383  | 4138245  | 4162191  | 4151606  | 0.29   | cps   |
| Molybdenum | 97-1  | 1997669  | 2000933  | 2004607  | 2001070  | 0.17   | cps   |
| Molybdenum | 98-1  | 5209576  | 5205753  | 5222542  | 5212624  | 0.17   | cps   |
| Neodymium  | 150-1 | 7        | 20       | 67       | 31       | 101.26 | cps   |
| Neodymium  | 150-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Nickel     | 60-2  | 206734   | 205420   | 204193   | 205449   | 0.62   | cps   |
| Phosphorus | 31-2  | 325      | 350      | 342      | 339      | 3.76   | cps   |
| Potassium  | 39-2  | 831911   | 827080   | 838987   | 832659   | 0.72   | cps   |
| Rhodium    | 103-1 | 9408296  | 9320496  | 9345026  | 9357939  | 0.48   | cps   |
| Rhodium    | 103-2 | 4883193  | 4900629  | 4899751  | 4894524  | 0.20   | cps   |
| Scandium   | 45-1  | 6725194  | 6718020  | 6735403  | 6726206  | 0.13   | cps   |
| Scandium   | 45-2  | 361429   | 361752   | 363301   | 362161   | 0.28   | cps   |
| Selenium   | 77-2  | 2650     | 2594     | 2564     | 2602     | 1.69   | cps   |
| Selenium   | 78-2  | 8706     | 8818     | 8712     | 8745     | 0.72   | cps   |
| Selenium   | 82-1  | 43108    | 43578    | 43684    | 43457    | 0.71   | cps   |
| Silicon    | 28-1  | 4416145  | 4508720  | 4480407  | 4468424  | 1.06   | cps   |
| Silver     | 109-1 | 1574354  | 1572776  | 1591604  | 1579578  | 0.66   | cps   |
| Silver     | 107-1 | 1662207  | 1658397  | 1681399  | 1667334  | 0.74   | cps   |
| Sodium     | 23-2  | 1414129  | 1409573  | 1411769  | 1411824  | 0.16   | cps   |
| Strontium  | 86-1  | 2035742  | 2032139  | 2019955  | 2029279  | 0.41   | cps   |
| Strontium  | 88-1  | 17717254 | 17699222 | 17752633 | 17723036 | 0.15   | cps   |
| Sulfur     | 34-1  | 631145   | 620055   | 615738   | 622313   | 1.28   | cps   |
| Terbium    | 159-1 | 12792283 | 12578012 | 12613129 | 12661141 | 0.91   | cps   |
| Terbium    | 159-2 | 7146679  | 7164469  | 7155943  | 7155697  | 0.12   | cps   |
| Thallium   | 203-1 | 2488792  | 2517974  | 2507633  | 2504800  | 0.59   | cps   |
| Thallium   | 205-1 | 6110840  | 6185946  | 6107552  | 6134779  | 0.72   | cps   |
| Tin        | 118-1 | 5247361  | 5186195  | 5220095  | 5217884  | 0.59   | cps   |
| Titanium   | 47-1  | 984933   | 972147   | 990730   | 982604   | 0.97   | cps   |
| Uranium    | 238-1 | 21770065 | 21765764 | 21373844 | 21636557 | 1.05   | cps   |
| Vanadium   | 51-2  | 383542   | 382753   | 386324   | 384206   | 0.49   | cps   |
| Yttrium    | 89-1  | 10410177 | 10446643 | 10407773 | 10421531 | 0.21   | cps   |
| Yttrium    | 89-2  | 1863212  | 1864639  | 1870524  | 1866125  | 0.21   | cps   |
| Zinc       | 66-2  | 163311   | 163227   | 161737   | 162758   | 0.54   | cps   |
| Zirconium  | 90-1  | 11281316 | 11420485 | 11362999 | 11354933 | 0.62   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89381             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-09 16:35:10 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2479782 | 2501779 | 2512016 | 2497859 | 0.66   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:38:35 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 375      | 425      | 542      | 447      | 19.12  | cps   |
| Antimony   | 121-1 | 14850    | 13232    | 13115    | 13732    | 7.06   | cps   |
| Arsenic    | 75-2  | 87       | 115      | 96       | 99       | 14.23  | cps   |
| Barium     | 135-1 | 708      | 717      | 983      | 803      | 19.49  | cps   |
| Barium     | 137-1 | 1525     | 1375     | 1400     | 1433     | 5.61   | cps   |
| Beryllium  | 9-1   | 111      | 139      | 144      | 131      | 13.58  | cps   |
| Bismuth    | 209-1 | 7874442  | 7764265  | 7681517  | 7773408  | 1.25   | cps   |
| Bismuth    | 209-2 | 5565269  | 5580753  | 5625427  | 5590483  | 0.56   | cps   |
| Boron      | 10-1  | 7035     | 7144     | 6602     | 6927     | 4.14   | cps   |
| Boron      | 11-1  | 33404    | 31050    | 31701    | 32052    | 3.79   | cps   |
| Cadmium    | 111-1 | 2555     | 2628     | 2864     | 2682     | 6.02   | cps   |
| Cadmium    | 106-1 | 3576     | 3642     | 3976     | 3731     | 5.75   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 33       | 22       | 47.18  | cps   |
| Calcium    | 43-1  | 675      | 550      | 633      | 619      | 10.28  | cps   |
| Calcium    | 44-1  | 27585    | 27193    | 27393    | 27390    | 0.72   | cps   |
| Chromium   | 52-2  | 1950     | 1883     | 1890     | 1908     | 1.92   | cps   |
| Cobalt     | 59-2  | 120      | 137      | 137      | 131      | 7.34   | cps   |
| Copper     | 63-2  | 2300     | 2367     | 2430     | 2366     | 2.75   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 13       | 3        | 3        | 7        | 86.65  | cps   |
| Erbium     | 164-1 | 58       | 67       | 75       | 67       | 12.50  | cps   |
| Erbium     | 164-2 | 20       | 10       | 10       | 13       | 43.30  | cps   |
| Gadolinium | 160-1 | 150      | 125      | 125      | 133      | 10.82  | cps   |
| Gadolinium | 160-2 | 143      | 163      | 103      | 137      | 22.35  | cps   |
| Holmium    | 165-1 | 12183871 | 11983247 | 12068600 | 12078572 | 0.83   | cps   |
| Holmium    | 165-2 | 7109120  | 7134815  | 7194298  | 7146078  | 0.61   | cps   |
| Indium     | 115-1 | 9736989  | 9834418  | 9644237  | 9738548  | 0.98   | cps   |
| Indium     | 115-2 | 2341115  | 2338286  | 2351646  | 2343682  | 0.30   | cps   |
| Iron       | 56-2  | 19636    | 20053    | 19875    | 19855    | 1.05   | cps   |
| Iron       | 57-2  | 744      | 828      | 689      | 754      | 9.28   | cps   |
| Lead       | 206-1 | 2695     | 2561     | 2667     | 2641     | 2.66   | cps   |
| Lead       | 207-1 | 2322     | 2445     | 2339     | 2369     | 2.80   | cps   |
| Lead       | 208-1 | 10791    | 10430    | 10596    | 10606    | 1.71   | cps   |
| Lithium    | 6-1   | 1913906  | 1893123  | 1870279  | 1892436  | 1.15   | cps   |
| Magnesium  | 24-2  | 1892     | 2100     | 2134     | 2042     | 6.42   | cps   |
| Manganese  | 55-2  | 100      | 127      | 100      | 109      | 14.14  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:38:35 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2467     | 2592     | 2734     | 2598     | 5.14   | cps   |
| Molybdenum | 95-1  | 3167     | 2784     | 2917     | 2956     | 6.58   | cps   |
| Molybdenum | 96-1  | 3751     | 3492     | 3417     | 3553     | 4.92   | cps   |
| Molybdenum | 97-1  | 1884     | 2059     | 1859     | 1934     | 5.64   | cps   |
| Molybdenum | 98-1  | 5251     | 4584     | 4426     | 4754     | 9.21   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 107      | 103      | 63       | 91       | 26.47  | cps   |
| Phosphorus | 31-2  | 308      | 217      | 250      | 258      | 17.96  | cps   |
| Potassium  | 39-2  | 71489    | 72126    | 72118    | 71911    | 0.51   | cps   |
| Rhodium    | 103-1 | 9470613  | 9290607  | 9225868  | 9329029  | 1.36   | cps   |
| Rhodium    | 103-2 | 4928926  | 4882626  | 4908573  | 4906709  | 0.47   | cps   |
| Scandium   | 45-1  | 6684917  | 6537917  | 6495636  | 6572823  | 1.51   | cps   |
| Scandium   | 45-2  | 357671   | 361437   | 362148   | 360419   | 0.67   | cps   |
| Selenium   | 77-2  | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 130      | 148      | 128      | 135      | 8.33   | cps   |
| Selenium   | 82-1  | 138      | 164      | 151      | 151      | 8.87   | cps   |
| Silicon    | 28-1  | 656593   | 666924   | 659020   | 660846   | 0.82   | cps   |
| Silver     | 109-1 | 475      | 450      | 317      | 414      | 20.57  | cps   |
| Silver     | 107-1 | 567      | 550      | 367      | 494      | 22.44  | cps   |
| Sodium     | 23-2  | 69336    | 71111    | 67695    | 69380    | 2.46   | cps   |
| Strontium  | 86-1  | 1742     | 1909     | 1850     | 1834     | 4.61   | cps   |
| Strontium  | 88-1  | 1692     | 1842     | 1492     | 1675     | 10.48  | cps   |
| Sulfur     | 34-1  | 619240   | 624667   | 631089   | 624999   | 0.95   | cps   |
| Terbium    | 159-1 | 12646939 | 12387624 | 12350058 | 12461541 | 1.30   | cps   |
| Terbium    | 159-2 | 7129614  | 7077356  | 7098223  | 7101731  | 0.37   | cps   |
| Thallium   | 203-1 | 1242     | 1000     | 1117     | 1120     | 10.80  | cps   |
| Thallium   | 205-1 | 2550     | 2292     | 2017     | 2286     | 11.67  | cps   |
| Tin        | 118-1 | 6935     | 5893     | 6410     | 6413     | 8.13   | cps   |
| Titanium   | 47-1  | 300      | 308      | 308      | 306      | 1.58   | cps   |
| Uranium    | 238-1 | 1592     | 1383     | 958      | 1311     | 24.62  | cps   |
| Vanadium   | 51-2  | 53       | 43       | 23       | 40       | 38.19  | cps   |
| Yttrium    | 89-1  | 10401466 | 10217491 | 10219317 | 10279425 | 1.03   | cps   |
| Yttrium    | 89-2  | 1850318  | 1849369  | 1870807  | 1856832  | 0.65   | cps   |
| Zinc       | 66-2  | 537      | 667      | 497      | 567      | 15.69  | cps   |
| Zirconium  | 90-1  | 2600     | 2175     | 1900     | 2225     | 15.85  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:38:35 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 333  | 508  | 403     | 23.07  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89381             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-09 16:42:02 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15068353  | 15103515  | 15008959  | 15060276  | 0.32   | cps   |
| Antimony   | 121-1 | 21275     | 20432     | 20791     | 20833     | 2.03   | cps   |
| Arsenic    | 75-2  | 217       | 194       | 224       | 212       | 7.28   | cps   |
| Barium     | 135-1 | 5301      | 5143      | 4951      | 5132      | 3.42   | cps   |
| Barium     | 137-1 | 9203      | 9562      | 9012      | 9259      | 3.02   | cps   |
| Beryllium  | 9-1   | 967       | 811       | 978       | 919       | 10.14  | cps   |
| Bismuth    | 209-1 | 7467047   | 7489620   | 7477572   | 7478080   | 0.15   | cps   |
| Bismuth    | 209-2 | 5263276   | 5286997   | 5248086   | 5266119   | 0.37   | cps   |
| Boron      | 10-1  | 4334      | 4859      | 4893      | 4695      | 6.67   | cps   |
| Boron      | 11-1  | 23160     | 23903     | 22659     | 23241     | 2.69   | cps   |
| Cadmium    | 111-1 | 4352      | 4232      | 4210      | 4265      | 1.79   | cps   |
| Cadmium    | 106-1 | 3984      | 3592      | 3667      | 3748      | 5.55   | cps   |
| Cadmium    | 108-1 | 3100      | 3142      | 3213      | 3152      | 1.81   | cps   |
| Calcium    | 43-1  | 4009983   | 4016382   | 4036255   | 4020873   | 0.34   | cps   |
| Calcium    | 44-1  | 64799376  | 65457012  | 65101114  | 65119167  | 0.51   | cps   |
| Chromium   | 52-2  | 94699     | 95456     | 96570     | 95575     | 0.98   | cps   |
| Cobalt     | 59-2  | 8686      | 8893      | 9043      | 8874      | 2.02   | cps   |
| Copper     | 63-2  | 45216     | 46143     | 47156     | 46172     | 2.10   | cps   |
| Dysprosium | 156-1 | 58        | 42        | 92        | 64        | 39.85  | cps   |
| Dysprosium | 156-2 | 63        | 43        | 23        | 43        | 46.16  | cps   |
| Erbium     | 164-1 | 133       | 92        | 92        | 106       | 22.79  | cps   |
| Erbium     | 164-2 | 50        | 70        | 40        | 53        | 28.64  | cps   |
| Gadolinium | 160-1 | 142       | 200       | 150       | 164       | 19.25  | cps   |
| Gadolinium | 160-2 | 147       | 137       | 170       | 151       | 11.32  | cps   |
| Holmium    | 165-1 | 12283064  | 12220897  | 12400614  | 12301525  | 0.74   | cps   |
| Holmium    | 165-2 | 7226037   | 7115631   | 7055673   | 7132447   | 1.21   | cps   |
| Indium     | 115-1 | 9716668   | 9782162   | 9728473   | 9742434   | 0.36   | cps   |
| Indium     | 115-2 | 2277393   | 2278802   | 2269921   | 2275372   | 0.21   | cps   |
| Iron       | 56-2  | 400224120 | 401042676 | 400751031 | 400672609 | 0.10   | cps   |
| Iron       | 57-2  | 9819797   | 9920067   | 9894581   | 9878148   | 0.53   | cps   |
| Lead       | 206-1 | 49637     | 50730     | 50541     | 50303     | 1.16   | cps   |
| Lead       | 207-1 | 40312     | 40367     | 39977     | 40219     | 0.52   | cps   |
| Lead       | 208-1 | 189710    | 189537    | 190391    | 189880    | 0.24   | cps   |
| Lithium    | 6-1   | 1882234   | 1882642   | 1866627   | 1877168   | 0.49   | cps   |
| Magnesium  | 24-2  | 34904462  | 35055051  | 35047783  | 35002432  | 0.24   | cps   |
| Manganese  | 55-2  | 22444     | 22113     | 22531     | 22363     | 0.98   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89381             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-09 16:42:02 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7128174  | 7221245  | 7235533  | 7194984  | 0.81   | cps   |
| Molybdenum | 95-1  | 12701520 | 12764428 | 12894638 | 12786862 | 0.77   | cps   |
| Molybdenum | 96-1  | 13605361 | 13649224 | 13821696 | 13692093 | 0.84   | cps   |
| Molybdenum | 97-1  | 8035692  | 8120630  | 8108385  | 8088236  | 0.57   | cps   |
| Molybdenum | 98-1  | 20605600 | 20698797 | 20820510 | 20708302 | 0.52   | cps   |
| Neodymium  | 150-1 | 67       | 40       | 53       | 53       | 25.00  | cps   |
| Neodymium  | 150-2 | 27       | 20       | 30       | 26       | 19.92  | cps   |
| Nickel     | 60-2  | 10314    | 10237    | 10567    | 10373    | 1.67   | cps   |
| Phosphorus | 31-2  | 947581   | 949318   | 946236   | 947712   | 0.16   | cps   |
| Potassium  | 39-2  | 37217685 | 37315535 | 37137796 | 37223672 | 0.24   | cps   |
| Rhodium    | 103-1 | 8998899  | 9087740  | 9063161  | 9049933  | 0.51   | cps   |
| Rhodium    | 103-2 | 4676053  | 4693608  | 4668417  | 4679359  | 0.28   | cps   |
| Scandium   | 45-1  | 6809631  | 6855390  | 6862778  | 6842600  | 0.42   | cps   |
| Scandium   | 45-2  | 362736   | 367390   | 364221   | 364782   | 0.65   | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 107      | 126      | 87       | 107      | 18.21  | cps   |
| Selenium   | 82-1  | 256      | 258      | 167      | 227      | 22.87  | cps   |
| Silicon    | 28-1  | 893695   | 892890   | 893850   | 893478   | 0.06   | cps   |
| Silver     | 109-1 | 1984     | 2017     | 2192     | 2064     | 5.42   | cps   |
| Silver     | 107-1 | 1909     | 2184     | 2267     | 2120     | 8.85   | cps   |
| Sodium     | 23-2  | 66787947 | 66613289 | 66675626 | 66692288 | 0.13   | cps   |
| Strontium  | 86-1  | 139126   | 139093   | 139463   | 139227   | 0.15   | cps   |
| Strontium  | 88-1  | 1212403  | 1208922  | 1217209  | 1212844  | 0.34   | cps   |
| Sulfur     | 34-1  | 5646833  | 5627832  | 5700421  | 5658362  | 0.67   | cps   |
| Terbium    | 159-1 | 12652767 | 12912784 | 12805901 | 12790484 | 1.02   | cps   |
| Terbium    | 159-2 | 7142296  | 7155533  | 7104654  | 7134161  | 0.37   | cps   |
| Thallium   | 203-1 | 1242     | 1650     | 1533     | 1475     | 14.26  | cps   |
| Thallium   | 205-1 | 3334     | 3517     | 3742     | 3531     | 5.79   | cps   |
| Tin        | 118-1 | 4684     | 4868     | 4884     | 4812     | 2.31   | cps   |
| Titanium   | 47-1  | 3973517  | 3970004  | 4003528  | 3982350  | 0.46   | cps   |
| Uranium    | 238-1 | 1317     | 1200     | 1375     | 1297     | 6.87   | cps   |
| Vanadium   | 51-2  | 590      | 590      | 583      | 588      | 0.66   | cps   |
| Yttrium    | 89-1  | 10561387 | 10619668 | 10566704 | 10582586 | 0.30   | cps   |
| Yttrium    | 89-2  | 1857500  | 1855288  | 1851963  | 1854917  | 0.15   | cps   |
| Zinc       | 66-2  | 9140     | 9770     | 9507     | 9472     | 3.34   | cps   |
| Zirconium  | 90-1  | 12731    | 10579    | 9629     | 10980    | 14.48  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89381             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-09 16:42:02 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2734 | 2625 | 1900 | 2420    | 18.73  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P7  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:45:25 DataFile Name : 015ICSB.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15286891  | 15219734  | 15337990  | 15281538  | 0.39   | cps   |
| Antimony   | 121-1 | 279328    | 282732    | 284099    | 282053    | 0.87   | cps   |
| Arsenic    | 75-2  | 11323     | 11317     | 11744     | 11461     | 2.13   | cps   |
| Barium     | 135-1 | 68176     | 67975     | 70111     | 68754     | 1.72   | cps   |
| Barium     | 137-1 | 119058    | 119864    | 121006    | 119976    | 0.82   | cps   |
| Beryllium  | 9-1   | 60850     | 59735     | 61196     | 60594     | 1.26   | cps   |
| Bismuth    | 209-1 | 7547417   | 7494998   | 7647408   | 7563274   | 1.02   | cps   |
| Bismuth    | 209-2 | 5228732   | 5175593   | 5205077   | 5203134   | 0.51   | cps   |
| Boron      | 10-1  | 19605     | 20390     | 21349     | 20448     | 4.27   | cps   |
| Boron      | 11-1  | 101472    | 101967    | 105801    | 103080    | 2.30   | cps   |
| Cadmium    | 111-1 | 68990     | 69445     | 69176     | 69204     | 0.33   | cps   |
| Cadmium    | 106-1 | 12489     | 12673     | 12222     | 12462     | 1.82   | cps   |
| Cadmium    | 108-1 | 8707      | 8444      | 8653      | 8601      | 1.61   | cps   |
| Calcium    | 43-1  | 4117229   | 4080262   | 4109665   | 4102385   | 0.48   | cps   |
| Calcium    | 44-1  | 66770987  | 66003741  | 66294501  | 66356410  | 0.58   | cps   |
| Chromium   | 52-2  | 191377    | 191760    | 194572    | 192570    | 0.91   | cps   |
| Cobalt     | 59-2  | 160891    | 161538    | 157700    | 160043    | 1.28   | cps   |
| Copper     | 63-2  | 153657    | 155227    | 154626    | 154503    | 0.51   | cps   |
| Dysprosium | 156-1 | 50        | 83        | 67        | 67        | 25.00  | cps   |
| Dysprosium | 156-2 | 50        | 30        | 20        | 33        | 45.83  | cps   |
| Erbium     | 164-1 | 75        | 133       | 100       | 103       | 28.48  | cps   |
| Erbium     | 164-2 | 63        | 33        | 70        | 56        | 35.16  | cps   |
| Gadolinium | 160-1 | 158       | 200       | 167       | 175       | 12.60  | cps   |
| Gadolinium | 160-2 | 170       | 173       | 173       | 172       | 1.12   | cps   |
| Holmium    | 165-1 | 12447758  | 12561953  | 12513735  | 12507815  | 0.46   | cps   |
| Holmium    | 165-2 | 7142725   | 6988707   | 7070392   | 7067275   | 1.09   | cps   |
| Indium     | 115-1 | 9906964   | 10018110  | 10017783  | 9980952   | 0.64   | cps   |
| Indium     | 115-2 | 2270560   | 2293582   | 2280941   | 2281694   | 0.51   | cps   |
| Iron       | 56-2  | 405772954 | 406030554 | 406557776 | 406120428 | 0.10   | cps   |
| Iron       | 57-2  | 10052660  | 10036809  | 9840871   | 9976780   | 1.18   | cps   |
| Lead       | 206-1 | 244284    | 241915    | 245028    | 243742    | 0.67   | cps   |
| Lead       | 207-1 | 201986    | 203339    | 203456    | 202927    | 0.40   | cps   |
| Lead       | 208-1 | 934139    | 930615    | 942013    | 935589    | 0.62   | cps   |
| Lithium    | 6-1   | 1845314   | 1835379   | 1831944   | 1837546   | 0.38   | cps   |
| Magnesium  | 24-2  | 35727073  | 35703515  | 35940758  | 35790449  | 0.37   | cps   |
| Manganese  | 55-2  | 78538     | 79084     | 78518     | 78714     | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:45:25 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7924319  | 7992917  | 7986086  | 7967774  | 0.47   | cps   |
| Molybdenum | 95-1  | 13393276 | 13438412 | 13303439 | 13378376 | 0.51   | cps   |
| Molybdenum | 96-1  | 14344506 | 14411843 | 14362412 | 14372920 | 0.24   | cps   |
| Molybdenum | 97-1  | 8406042  | 8521411  | 8471637  | 8466363  | 0.68   | cps   |
| Molybdenum | 98-1  | 21613334 | 21761391 | 21815047 | 21729924 | 0.48   | cps   |
| Neodymium  | 150-1 | 53       | 80       | 53       | 62       | 24.74  | cps   |
| Neodymium  | 150-2 | 23       | 20       | 30       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 49620    | 50373    | 50493    | 50162    | 0.94   | cps   |
| Phosphorus | 31-2  | 955530   | 964194   | 965391   | 961705   | 0.56   | cps   |
| Potassium  | 39-2  | 38011518 | 38187434 | 38170664 | 38123205 | 0.25   | cps   |
| Rhodium    | 103-1 | 9217025  | 9287493  | 9253016  | 9252511  | 0.38   | cps   |
| Rhodium    | 103-2 | 4715407  | 4759228  | 4733636  | 4736090  | 0.46   | cps   |
| Scandium   | 45-1  | 6978506  | 6943329  | 7054747  | 6992194  | 0.81   | cps   |
| Scandium   | 45-2  | 374610   | 376059   | 376104   | 375591   | 0.23   | cps   |
| Selenium   | 77-2  | 303      | 297      | 303      | 301      | 1.28   | cps   |
| Selenium   | 78-2  | 906      | 883      | 959      | 916      | 4.26   | cps   |
| Selenium   | 82-1  | 4313     | 4382     | 4285     | 4327     | 1.15   | cps   |
| Silicon    | 28-1  | 1397909  | 1410778  | 1410575  | 1406421  | 0.52   | cps   |
| Silver     | 109-1 | 291099   | 291899   | 294186   | 292394   | 0.55   | cps   |
| Silver     | 107-1 | 305804   | 306887   | 308487   | 307059   | 0.44   | cps   |
| Sodium     | 23-2  | 68688156 | 68284145 | 68422833 | 68465045 | 0.30   | cps   |
| Strontium  | 86-1  | 346242   | 344630   | 346978   | 345950   | 0.35   | cps   |
| Strontium  | 88-1  | 3008453  | 3033544  | 3050345  | 3030781  | 0.70   | cps   |
| Sulfur     | 34-1  | 5715439  | 5669670  | 5771272  | 5718794  | 0.89   | cps   |
| Terbium    | 159-1 | 12928378 | 12888513 | 12959447 | 12925446 | 0.28   | cps   |
| Terbium    | 159-2 | 7058993  | 7084796  | 7117100  | 7086963  | 0.41   | cps   |
| Thallium   | 203-1 | 234933   | 235282   | 239088   | 236435   | 0.97   | cps   |
| Thallium   | 205-1 | 558856   | 564794   | 568026   | 563892   | 0.82   | cps   |
| Tin        | 118-1 | 503968   | 509069   | 511134   | 508057   | 0.73   | cps   |
| Titanium   | 47-1  | 4115020  | 4146355  | 4162704  | 4141360  | 0.59   | cps   |
| Uranium    | 238-1 | 1900406  | 1893738  | 1899672  | 1897939  | 0.19   | cps   |
| Vanadium   | 51-2  | 77321    | 78354    | 79128    | 78268    | 1.16   | cps   |
| Yttrium    | 89-1  | 10750814 | 10800673 | 10826823 | 10792770 | 0.36   | cps   |
| Yttrium    | 89-2  | 1875342  | 1875112  | 1881836  | 1877430  | 0.20   | cps   |
| Zinc       | 66-2  | 25239    | 25295    | 24851    | 25128    | 0.96   | cps   |
| Zirconium  | 90-1  | 1140225  | 1154406  | 1158533  | 1151055  | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:45:25 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 250769 | 253312 | 255397 | 253159  | 0.92   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89381             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-09 16:48:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8538408   | 8506202   | 8611791   | 8552134   | 0.63   | cps   |
| Antimony   | 121-1 | 6725592   | 6857311   | 6794005   | 6792303   | 0.97   | cps   |
| Arsenic    | 75-2  | 292337    | 292866    | 294177    | 293127    | 0.32   | cps   |
| Barium     | 135-1 | 7928410   | 8036039   | 7949117   | 7971188   | 0.72   | cps   |
| Barium     | 137-1 | 13933706  | 14047916  | 13883746  | 13955123  | 0.60   | cps   |
| Beryllium  | 9-1   | 1501324   | 1485471   | 1484613   | 1490469   | 0.63   | cps   |
| Bismuth    | 209-1 | 7400216   | 7344897   | 7305231   | 7350115   | 0.65   | cps   |
| Bismuth    | 209-2 | 5105377   | 5080429   | 5125309   | 5103705   | 0.44   | cps   |
| Boron      | 10-1  | 182794    | 179528    | 179216    | 180513    | 1.10   | cps   |
| Boron      | 11-1  | 885313    | 890897    | 905861    | 894024    | 1.19   | cps   |
| Cadmium    | 111-1 | 1649054   | 1620454   | 1627913   | 1632474   | 0.91   | cps   |
| Cadmium    | 106-1 | 184689    | 182738    | 182865    | 183431    | 0.60   | cps   |
| Cadmium    | 108-1 | 120309    | 120851    | 118641    | 119934    | 0.96   | cps   |
| Calcium    | 43-1  | 10377700  | 10386019  | 10415290  | 10393003  | 0.19   | cps   |
| Calcium    | 44-1  | 168998404 | 168369487 | 169023779 | 168797223 | 0.22   | cps   |
| Chromium   | 52-2  | 2542954   | 2519733   | 2539501   | 2534063   | 0.49   | cps   |
| Cobalt     | 59-2  | 3822211   | 3843202   | 3869847   | 3845087   | 0.62   | cps   |
| Copper     | 63-2  | 5312240   | 5312961   | 5316785   | 5313995   | 0.05   | cps   |
| Dysprosium | 156-1 | 158       | 250       | 225       | 211       | 22.45  | cps   |
| Dysprosium | 156-2 | 127       | 120       | 140       | 129       | 7.90   | cps   |
| Erbium     | 164-1 | 58        | 75        | 92        | 75        | 22.22  | cps   |
| Erbium     | 164-2 | 47        | 60        | 40        | 49        | 20.83  | cps   |
| Gadolinium | 160-1 | 267       | 208       | 183       | 219       | 19.49  | cps   |
| Gadolinium | 160-2 | 213       | 183       | 173       | 190       | 10.96  | cps   |
| Holmium    | 165-1 | 12266304  | 12148711  | 12289469  | 12234828  | 0.62   | cps   |
| Holmium    | 165-2 | 7133062   | 7080700   | 7082735   | 7098832   | 0.42   | cps   |
| Indium     | 115-1 | 9692188   | 9673110   | 9689499   | 9684932   | 0.11   | cps   |
| Indium     | 115-2 | 2223848   | 2221416   | 2242687   | 2229317   | 0.52   | cps   |
| Iron       | 56-2  | 512972834 | 515044178 | 519400812 | 515805941 | 0.64   | cps   |
| Iron       | 57-2  | 12605432  | 12684590  | 12765948  | 12685323  | 0.63   | cps   |
| Lead       | 206-1 | 4799424   | 4847116   | 4804141   | 4816893   | 0.55   | cps   |
| Lead       | 207-1 | 4309478   | 4315615   | 4318650   | 4314581   | 0.11   | cps   |
| Lead       | 208-1 | 19408513  | 19414561  | 19347120  | 19390065  | 0.19   | cps   |
| Lithium    | 6-1   | 1712827   | 1709771   | 1724660   | 1715753   | 0.46   | cps   |
| Magnesium  | 24-2  | 93896129  | 94192040  | 95068248  | 94385472  | 0.65   | cps   |
| Manganese  | 55-2  | 2945698   | 2929696   | 2955709   | 2943701   | 0.45   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89381             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-09 16:48:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 6417502   | 6426441   | 6410613   | 6418185   | 0.12   | cps   |
| Molybdenum | 95-1  | 3437238   | 3462344   | 3446641   | 3448741   | 0.37   | cps   |
| Molybdenum | 96-1  | 4437990   | 4439187   | 4463543   | 4446906   | 0.32   | cps   |
| Molybdenum | 97-1  | 2135230   | 2120261   | 2137573   | 2131021   | 0.44   | cps   |
| Molybdenum | 98-1  | 5549413   | 5535893   | 5554964   | 5546756   | 0.18   | cps   |
| Neodymium  | 150-1 | 453       | 540       | 593       | 529       | 13.36  | cps   |
| Neodymium  | 150-2 | 103       | 63        | 87        | 84        | 23.80  | cps   |
| Nickel     | 60-2  | 994440    | 1001759   | 1002993   | 999731    | 0.46   | cps   |
| Phosphorus | 31-2  | 101964    | 102199    | 100998    | 101720    | 0.63   | cps   |
| Potassium  | 39-2  | 50429658  | 50696280  | 50723073  | 50616337  | 0.32   | cps   |
| Rhodium    | 103-1 | 8917862   | 8915328   | 8846603   | 8893264   | 0.45   | cps   |
| Rhodium    | 103-2 | 4622685   | 4570388   | 4620599   | 4604557   | 0.64   | cps   |
| Scandium   | 45-1  | 6996352   | 6991329   | 7050975   | 7012885   | 0.47   | cps   |
| Scandium   | 45-2  | 380134    | 383885    | 384593    | 382871    | 0.63   | cps   |
| Selenium   | 77-2  | 6271      | 6161      | 6275      | 6236      | 1.03   | cps   |
| Selenium   | 78-2  | 21158     | 21138     | 21510     | 21269     | 0.99   | cps   |
| Selenium   | 82-1  | 105847    | 107249    | 107146    | 106747    | 0.73   | cps   |
| Silicon    | 28-1  | 4919970   | 4929980   | 4987275   | 4945742   | 0.73   | cps   |
| Silver     | 109-1 | 7767489   | 7582467   | 7626348   | 7658768   | 1.26   | cps   |
| Silver     | 107-1 | 8050010   | 7990709   | 8037161   | 8025960   | 0.39   | cps   |
| Sodium     | 23-2  | 177506908 | 176817029 | 179426396 | 177916778 | 0.76   | cps   |
| Strontium  | 86-1  | 2211861   | 2205328   | 2211200   | 2209463   | 0.16   | cps   |
| Strontium  | 88-1  | 19346657  | 19127538  | 19217305  | 19230500  | 0.57   | cps   |
| Sulfur     | 34-1  | 1356828   | 1350684   | 1345961   | 1351158   | 0.40   | cps   |
| Terbium    | 159-1 | 12624417  | 12854270  | 12708991  | 12729226  | 0.91   | cps   |
| Terbium    | 159-2 | 7043663   | 6911687   | 7137615   | 7030988   | 1.61   | cps   |
| Thallium   | 203-1 | 5931187   | 5899438   | 5933958   | 5921528   | 0.32   | cps   |
| Thallium   | 205-1 | 14062465  | 14019491  | 14048926  | 14043627  | 0.16   | cps   |
| Tin        | 118-1 | 5306032   | 5290496   | 5293737   | 5296755   | 0.15   | cps   |
| Titanium   | 47-1  | 1044253   | 1054798   | 1057118   | 1052057   | 0.65   | cps   |
| Uranium    | 238-1 | 20684175  | 20704700  | 20880275  | 20756384  | 0.52   | cps   |
| Vanadium   | 51-2  | 2089496   | 2082364   | 2100635   | 2090831   | 0.44   | cps   |
| Yttrium    | 89-1  | 10747545  | 10542092  | 10654452  | 10648030  | 0.97   | cps   |
| Yttrium    | 89-2  | 1876152   | 1872442   | 1890075   | 1879556   | 0.49   | cps   |
| Zinc       | 66-2  | 776627    | 774225    | 781581    | 777478    | 0.48   | cps   |
| Zirconium  | 90-1  | 12477812  | 12332152  | 12342381  | 12384115  | 0.66   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89381             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV83               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV83               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-09 16:48:48 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2742693 | 2716529 | 2743013 | 2734078 | 0.56   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : CCB83 Instrumnet Name : P7  
 Client Sample ID : CCB83 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 16:52:13 DataFile Name : 017CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 575      | 442      | 633      | 550      | 17.86  | cps   |
| Antimony   | 121-1 | 22527    | 21209    | 19331    | 21022    | 7.64   | cps   |
| Arsenic    | 75-2  | 96       | 89       | 83       | 90       | 7.27   | cps   |
| Barium     | 135-1 | 833      | 850      | 742      | 808      | 7.22   | cps   |
| Barium     | 137-1 | 1692     | 1533     | 1558     | 1595     | 5.34   | cps   |
| Beryllium  | 9-1   | 139      | 161      | 161      | 154      | 8.35   | cps   |
| Bismuth    | 209-1 | 8081625  | 8233397  | 8122960  | 8145994  | 0.96   | cps   |
| Bismuth    | 209-2 | 5601521  | 5630814  | 5684663  | 5639000  | 0.75   | cps   |
| Boron      | 10-1  | 5835     | 5184     | 4884     | 5301     | 9.16   | cps   |
| Boron      | 11-1  | 26675    | 25447    | 25364    | 25828    | 2.84   | cps   |
| Cadmium    | 111-1 | 2873     | 2890     | 2823     | 2862     | 1.23   | cps   |
| Cadmium    | 106-1 | 3942     | 3992     | 3942     | 3959     | 0.73   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 29       | 19       | 44.61  | cps   |
| Calcium    | 43-1  | 900      | 567      | 442      | 636      | 37.25  | cps   |
| Calcium    | 44-1  | 30667    | 30123    | 29840    | 30210    | 1.39   | cps   |
| Chromium   | 52-2  | 2097     | 1980     | 2047     | 2041     | 2.87   | cps   |
| Cobalt     | 59-2  | 140      | 117      | 107      | 121      | 14.12  | cps   |
| Copper     | 63-2  | 3380     | 3667     | 3390     | 3479     | 4.68   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 17       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 10       | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 67       | 67       | 75       | 69       | 6.93   | cps   |
| Erbium     | 164-2 | 23       | 23       | 13       | 20       | 28.87  | cps   |
| Gadolinium | 160-1 | 158      | 108      | 167      | 144      | 21.84  | cps   |
| Gadolinium | 160-2 | 117      | 150      | 190      | 152      | 24.12  | cps   |
| Holmium    | 165-1 | 12692475 | 12708356 | 12633282 | 12678037 | 0.31   | cps   |
| Holmium    | 165-2 | 7179250  | 7202314  | 7271650  | 7217738  | 0.67   | cps   |
| Indium     | 115-1 | 10399610 | 10614214 | 10581556 | 10531793 | 1.10   | cps   |
| Indium     | 115-2 | 2397779  | 2410369  | 2413987  | 2407378  | 0.35   | cps   |
| Iron       | 56-2  | 25690    | 24905    | 25495    | 25363    | 1.61   | cps   |
| Iron       | 57-2  | 811      | 883      | 844      | 846      | 4.27   | cps   |
| Lead       | 206-1 | 2795     | 2839     | 2928     | 2854     | 2.38   | cps   |
| Lead       | 207-1 | 2734     | 2656     | 2800     | 2730     | 2.65   | cps   |
| Lead       | 208-1 | 11936    | 11669    | 11308    | 11637    | 2.71   | cps   |
| Lithium    | 6-1   | 1877520  | 1847935  | 1849880  | 1858445  | 0.89   | cps   |
| Magnesium  | 24-2  | 2250     | 2067     | 1650     | 1989     | 15.46  | cps   |
| Manganese  | 55-2  | 120      | 157      | 110      | 129      | 19.06  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:52:13 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4234     | 4117     | 3884     | 4079     | 4.37   | cps   |
| Molybdenum | 95-1  | 4501     | 4343     | 4576     | 4473     | 2.66   | cps   |
| Molybdenum | 96-1  | 5376     | 5168     | 5043     | 5196     | 3.24   | cps   |
| Molybdenum | 97-1  | 3317     | 3267     | 2950     | 3178     | 6.26   | cps   |
| Molybdenum | 98-1  | 7477     | 7260     | 6952     | 7230     | 3.65   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 103      | 107      | 83       | 98       | 12.90  | cps   |
| Phosphorus | 31-2  | 267      | 333      | 342      | 314      | 13.10  | cps   |
| Potassium  | 39-2  | 88556    | 87039    | 87894    | 87830    | 0.87   | cps   |
| Rhodium    | 103-1 | 9877893  | 9883262  | 9863805  | 9874987  | 0.10   | cps   |
| Rhodium    | 103-2 | 5061215  | 5096019  | 5123701  | 5093645  | 0.61   | cps   |
| Scandium   | 45-1  | 7077303  | 7083318  | 7057036  | 7072552  | 0.19   | cps   |
| Scandium   | 45-2  | 382681   | 384560   | 387975   | 385072   | 0.70   | cps   |
| Selenium   | 77-2  | 3        | 17       | 13       | 11       | 62.48  | cps   |
| Selenium   | 78-2  | 146      | 135      | 113      | 131      | 12.91  | cps   |
| Selenium   | 82-1  | 207      | 5        | 210      | 141      | 83.28  | cps   |
| Silicon    | 28-1  | 709162   | 703983   | 697856   | 703667   | 0.80   | cps   |
| Silver     | 109-1 | 1175     | 1000     | 983      | 1053     | 10.09  | cps   |
| Silver     | 107-1 | 1208     | 967      | 1017     | 1064     | 11.99  | cps   |
| Sodium     | 23-2  | 103815   | 102147   | 99487    | 101816   | 2.14   | cps   |
| Strontium  | 86-1  | 2000     | 1734     | 1942     | 1892     | 7.41   | cps   |
| Strontium  | 88-1  | 1917     | 1625     | 1508     | 1684     | 12.50  | cps   |
| Sulfur     | 34-1  | 657091   | 664753   | 658514   | 660119   | 0.62   | cps   |
| Terbium    | 159-1 | 12988606 | 13145809 | 13222096 | 13118837 | 0.91   | cps   |
| Terbium    | 159-2 | 7234343  | 7252451  | 7360941  | 7282578  | 0.94   | cps   |
| Thallium   | 203-1 | 2450     | 2325     | 1917     | 2231     | 12.51  | cps   |
| Thallium   | 205-1 | 5510     | 4918     | 4693     | 5040     | 8.37   | cps   |
| Tin        | 118-1 | 6260     | 5768     | 5493     | 5840     | 6.65   | cps   |
| Titanium   | 47-1  | 417      | 367      | 433      | 406      | 8.55   | cps   |
| Uranium    | 238-1 | 942      | 842      | 742      | 842      | 11.88  | cps   |
| Vanadium   | 51-2  | 57       | 43       | 47       | 49       | 14.20  | cps   |
| Yttrium    | 89-1  | 11056360 | 11068839 | 10979601 | 11034933 | 0.44   | cps   |
| Yttrium    | 89-2  | 1911598  | 1923205  | 1949102  | 1927968  | 1.00   | cps   |
| Zinc       | 66-2  | 643      | 630      | 553      | 609      | 7.98   | cps   |
| Zirconium  | 90-1  | 4351     | 3917     | 3926     | 4065     | 6.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB83               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB83               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:52:13 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 775  | 950  | 792  | 839     | 11.51  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:55:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2842     | 2917     | 3100     | 2953     | 4.50   | cps   |
| Antimony   | 121-1 | 27210    | 26785    | 26676    | 26890    | 1.05   | cps   |
| Arsenic    | 75-2  | 504      | 511      | 483      | 499      | 2.88   | cps   |
| Barium     | 135-1 | 23228    | 23796    | 24489    | 23838    | 2.65   | cps   |
| Barium     | 137-1 | 42407    | 41739    | 41655    | 41934    | 0.98   | cps   |
| Beryllium  | 9-1   | 2295     | 2450     | 2422     | 2389     | 3.47   | cps   |
| Bismuth    | 209-1 | 8051614  | 8004444  | 8062709  | 8039589  | 0.38   | cps   |
| Bismuth    | 209-2 | 5579236  | 5536062  | 5612703  | 5576000  | 0.69   | cps   |
| Boron      | 10-1  | 10187    | 9679     | 9595     | 9820     | 3.26   | cps   |
| Boron      | 11-1  | 47977    | 47843    | 48153    | 47991    | 0.32   | cps   |
| Cadmium    | 111-1 | 5026     | 5476     | 5430     | 5311     | 4.67   | cps   |
| Cadmium    | 106-1 | 3676     | 4284     | 4134     | 4031     | 7.86   | cps   |
| Cadmium    | 108-1 | 217      | 200      | 204      | 207      | 4.19   | cps   |
| Calcium    | 43-1  | 16151    | 16869    | 15968    | 16329    | 2.92   | cps   |
| Calcium    | 44-1  | 283436   | 285313   | 285058   | 284602   | 0.36   | cps   |
| Chromium   | 52-2  | 10421    | 10537    | 9810     | 10256    | 3.81   | cps   |
| Cobalt     | 59-2  | 6158     | 6211     | 6228     | 6199     | 0.59   | cps   |
| Copper     | 63-2  | 12772    | 12769    | 12792    | 12778    | 0.10   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 42       | 100      | 67       | 69       | 42.14  | cps   |
| Erbium     | 164-2 | 33       | 33       | 17       | 28       | 34.63  | cps   |
| Gadolinium | 160-1 | 192      | 125      | 142      | 153      | 22.71  | cps   |
| Gadolinium | 160-2 | 153      | 133      | 150      | 146      | 7.36   | cps   |
| Holmium    | 165-1 | 12381151 | 12542761 | 12609704 | 12511206 | 0.94   | cps   |
| Holmium    | 165-2 | 7260371  | 7175960  | 7292329  | 7242887  | 0.83   | cps   |
| Indium     | 115-1 | 10408713 | 10364338 | 10478895 | 10417315 | 0.55   | cps   |
| Indium     | 115-2 | 2388405  | 2408792  | 2406532  | 2401243  | 0.47   | cps   |
| Iron       | 56-2  | 182997   | 179663   | 180540   | 181067   | 0.95   | cps   |
| Iron       | 57-2  | 4979     | 5001     | 4706     | 4895     | 3.35   | cps   |
| Lead       | 206-1 | 14759    | 14881    | 15376    | 15005    | 2.18   | cps   |
| Lead       | 207-1 | 13535    | 13224    | 13646    | 13468    | 1.63   | cps   |
| Lead       | 208-1 | 59291    | 59080    | 61624    | 59998    | 2.35   | cps   |
| Lithium    | 6-1   | 1824994  | 1845722  | 1849508  | 1840075  | 0.72   | cps   |
| Magnesium  | 24-2  | 145265   | 141798   | 145709   | 144257   | 1.48   | cps   |
| Manganese  | 55-2  | 2534     | 2314     | 2384     | 2410     | 4.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:55:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 24096    | 23186    | 23771    | 23684    | 1.95   | cps   |
| Molybdenum | 95-1  | 27853    | 27310    | 26601    | 27255    | 2.30   | cps   |
| Molybdenum | 96-1  | 30467    | 30291    | 29682    | 30147    | 1.37   | cps   |
| Molybdenum | 97-1  | 17211    | 16727    | 17778    | 17239    | 3.05   | cps   |
| Molybdenum | 98-1  | 42406    | 41670    | 43049    | 42375    | 1.63   | cps   |
| Neodymium  | 150-1 | 13       | 40       | 7        | 20       | 88.19  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 1880     | 1657     | 1720     | 1752     | 6.57   | cps   |
| Phosphorus | 31-2  | 267      | 333      | 275      | 292      | 12.45  | cps   |
| Potassium  | 39-2  | 236588   | 238421   | 238493   | 237834   | 0.45   | cps   |
| Rhodium    | 103-1 | 9849227  | 9912621  | 9930041  | 9897296  | 0.43   | cps   |
| Rhodium    | 103-2 | 5068026  | 5096664  | 5090074  | 5084921  | 0.29   | cps   |
| Scandium   | 45-1  | 7095709  | 7045347  | 7131798  | 7090951  | 0.61   | cps   |
| Scandium   | 45-2  | 388925   | 388883   | 391390   | 389733   | 0.37   | cps   |
| Selenium   | 77-2  | 43       | 63       | 50       | 52       | 19.50  | cps   |
| Selenium   | 78-2  | 294      | 278      | 319      | 297      | 6.90   | cps   |
| Selenium   | 82-1  | 1011     | 1030     | 1003     | 1015     | 1.36   | cps   |
| Silicon    | 28-1  | 780247   | 768801   | 777132   | 775394   | 0.76   | cps   |
| Silver     | 109-1 | 16202    | 16827    | 16911    | 16647    | 2.33   | cps   |
| Silver     | 107-1 | 17161    | 17737    | 17762    | 17553    | 1.94   | cps   |
| Sodium     | 23-2  | 362196   | 360154   | 362254   | 361535   | 0.33   | cps   |
| Strontium  | 86-1  | 5326     | 5535     | 5168     | 5343     | 3.44   | cps   |
| Strontium  | 88-1  | 29982    | 31427    | 30149    | 30519    | 2.59   | cps   |
| Sulfur     | 34-1  | 671819   | 673457   | 675606   | 673627   | 0.28   | cps   |
| Terbium    | 159-1 | 13086973 | 13187639 | 13213959 | 13162857 | 0.51   | cps   |
| Terbium    | 159-2 | 7175280  | 7178742  | 7174648  | 7176223  | 0.03   | cps   |
| Thallium   | 203-1 | 10380    | 10555    | 10213    | 10382    | 1.65   | cps   |
| Thallium   | 205-1 | 24523    | 25408    | 24699    | 24877    | 1.88   | cps   |
| Tin        | 118-1 | 43200    | 42658    | 43569    | 43142    | 1.06   | cps   |
| Titanium   | 47-1  | 7969     | 7994     | 7786     | 7916     | 1.44   | cps   |
| Uranium    | 238-1 | 30228    | 29200    | 29919    | 29783    | 1.77   | cps   |
| Vanadium   | 51-2  | 15648    | 15902    | 15638    | 15730    | 0.95   | cps   |
| Yttrium    | 89-1  | 11035171 | 11032834 | 10987225 | 11018410 | 0.25   | cps   |
| Yttrium    | 89-2  | 1934917  | 1937763  | 1943636  | 1938772  | 0.23   | cps   |
| Zinc       | 66-2  | 2044     | 1943     | 2014     | 2000     | 2.57   | cps   |
| Zirconium  | 90-1  | 22744    | 22235    | 22736    | 22571    | 1.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 16:55:39 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4768 | 5034 | 4826 | 4876    | 2.88   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:03:54 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 192      | 258      | 167      | 206      | 23.05  | cps   |
| Antimony   | 121-1 | 2217     | 2225     | 2250     | 2231     | 0.78   | cps   |
| Arsenic    | 75-2  | 30       | 46       | 37       | 38       | 22.18  | cps   |
| Barium     | 135-1 | 592      | 642      | 492      | 575      | 13.28  | cps   |
| Barium     | 137-1 | 958      | 1200     | 925      | 1028     | 14.60  | cps   |
| Beryllium  | 9-1   | 94       | 78       | 89       | 87       | 9.75   | cps   |
| Bismuth    | 209-1 | 8010818  | 8200270  | 8080376  | 8097155  | 1.18   | cps   |
| Bismuth    | 209-2 | 5669240  | 5606077  | 5620817  | 5632045  | 0.59   | cps   |
| Boron      | 10-1  | 2059     | 1850     | 1800     | 1903     | 7.20   | cps   |
| Boron      | 11-1  | 8753     | 9420     | 8886     | 9020     | 3.91   | cps   |
| Cadmium    | 111-1 | 2875     | 2581     | 2657     | 2704     | 5.64   | cps   |
| Cadmium    | 106-1 | 4084     | 3701     | 3759     | 3848     | 5.37   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 29       | 22       | 39.04  | cps   |
| Calcium    | 43-1  | 250      | 342      | 408      | 333      | 23.85  | cps   |
| Calcium    | 44-1  | 25281    | 25356    | 25498    | 25378    | 0.43   | cps   |
| Chromium   | 52-2  | 2037     | 1954     | 1960     | 1984     | 2.33   | cps   |
| Cobalt     | 59-2  | 83       | 83       | 107      | 91       | 14.79  | cps   |
| Copper     | 63-2  | 2484     | 2467     | 2457     | 2469     | 0.55   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 17       | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 42       | 67       | 33       | 47       | 36.74  | cps   |
| Erbium     | 164-2 | 13       | 37       | 23       | 24       | 47.91  | cps   |
| Gadolinium | 160-1 | 125      | 142      | 158      | 142      | 11.76  | cps   |
| Gadolinium | 160-2 | 143      | 143      | 123      | 137      | 8.45   | cps   |
| Holmium    | 165-1 | 12678743 | 12311526 | 12592705 | 12527658 | 1.53   | cps   |
| Holmium    | 165-2 | 7354143  | 7166025  | 7157876  | 7226015  | 1.54   | cps   |
| Indium     | 115-1 | 10365044 | 10252212 | 10343446 | 10320234 | 0.58   | cps   |
| Indium     | 115-2 | 2428036  | 2402688  | 2420034  | 2416919  | 0.54   | cps   |
| Iron       | 56-2  | 11271    | 11883    | 12133    | 11762    | 3.77   | cps   |
| Iron       | 57-2  | 550      | 533      | 517      | 533      | 3.13   | cps   |
| Lead       | 206-1 | 1700     | 1872     | 1850     | 1808     | 5.18   | cps   |
| Lead       | 207-1 | 1811     | 1711     | 1561     | 1695     | 7.43   | cps   |
| Lead       | 208-1 | 7396     | 7712     | 7223     | 7444     | 3.33   | cps   |
| Lithium    | 6-1   | 1806545  | 1799257  | 1825408  | 1810403  | 0.75   | cps   |
| Magnesium  | 24-2  | 858      | 908      | 1000     | 922      | 7.79   | cps   |
| Manganese  | 55-2  | 70       | 73       | 80       | 74       | 6.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:03:54 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1058     | 1067     | 1075     | 1067     | 0.78   | cps   |
| Molybdenum | 95-1  | 892      | 742      | 958      | 864      | 12.85  | cps   |
| Molybdenum | 96-1  | 1017     | 1158     | 1042     | 1072     | 7.05   | cps   |
| Molybdenum | 97-1  | 525      | 650      | 725      | 633      | 15.95  | cps   |
| Molybdenum | 98-1  | 1042     | 1267     | 1242     | 1183     | 10.42  | cps   |
| Neodymium  | 150-1 | 0        | 20       | 7        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 67       | 70       | 50       | 62       | 17.22  | cps   |
| Phosphorus | 31-2  | 367      | 258      | 250      | 292      | 22.32  | cps   |
| Potassium  | 39-2  | 74889    | 75962    | 74463    | 75104    | 1.03   | cps   |
| Rhodium    | 103-1 | 9924897  | 9896322  | 9953950  | 9925056  | 0.29   | cps   |
| Rhodium    | 103-2 | 5122796  | 5074145  | 5040794  | 5079245  | 0.81   | cps   |
| Scandium   | 45-1  | 7104430  | 7047864  | 7162719  | 7105004  | 0.81   | cps   |
| Scandium   | 45-2  | 395551   | 394284   | 392969   | 394268   | 0.33   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 122      | 141      | 143      | 135      | 8.33   | cps   |
| Selenium   | 82-1  | 133      | 273      | 89       | 165      | 58.07  | cps   |
| Silicon    | 28-1  | 697702   | 693424   | 701350   | 697492   | 0.57   | cps   |
| Silver     | 109-1 | 433      | 417      | 350      | 400      | 11.02  | cps   |
| Silver     | 107-1 | 317      | 408      | 392      | 372      | 13.12  | cps   |
| Sodium     | 23-2  | 71521    | 73941    | 72366    | 72609    | 1.69   | cps   |
| Strontium  | 86-1  | 2042     | 1875     | 1775     | 1897     | 7.10   | cps   |
| Strontium  | 88-1  | 575      | 517      | 658      | 583      | 12.21  | cps   |
| Sulfur     | 34-1  | 694810   | 702273   | 705937   | 701007   | 0.81   | cps   |
| Terbium    | 159-1 | 12837144 | 12854087 | 12940442 | 12877224 | 0.43   | cps   |
| Terbium    | 159-2 | 7201943  | 7141972  | 7202115  | 7182010  | 0.48   | cps   |
| Thallium   | 203-1 | 658      | 550      | 550      | 586      | 10.67  | cps   |
| Thallium   | 205-1 | 1208     | 1308     | 1192     | 1236     | 5.10   | cps   |
| Tin        | 118-1 | 2434     | 2009     | 2250     | 2231     | 9.56   | cps   |
| Titanium   | 47-1  | 267      | 267      | 375      | 303      | 20.66  | cps   |
| Uranium    | 238-1 | 258      | 133      | 242      | 211      | 32.15  | cps   |
| Vanadium   | 51-2  | 43       | 50       | 17       | 37       | 48.10  | cps   |
| Yttrium    | 89-1  | 10939068 | 10988388 | 11097585 | 11008347 | 0.74   | cps   |
| Yttrium    | 89-2  | 1962507  | 1942528  | 1928979  | 1944671  | 0.87   | cps   |
| Zinc       | 66-2  | 530      | 553      | 460      | 514      | 9.44   | cps   |
| Zirconium  | 90-1  | 1634     | 1667     | 1784     | 1695     | 4.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:03:54 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 292  | 342  | 364     | 23.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:07:20 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 708      | 792      | 900      | 800      | 12.01  | cps   |
| Antimony   | 121-1 | 1542     | 1675     | 1625     | 1614     | 4.17   | cps   |
| Arsenic    | 75-2  | 17       | 28       | 41       | 28       | 42.42  | cps   |
| Barium     | 135-1 | 500      | 442      | 542      | 494      | 10.16  | cps   |
| Barium     | 137-1 | 700      | 825      | 825      | 783      | 9.21   | cps   |
| Beryllium  | 9-1   | 106      | 111      | 106      | 107      | 2.98   | cps   |
| Bismuth    | 209-1 | 8112350  | 8145746  | 8123387  | 8127161  | 0.21   | cps   |
| Bismuth    | 209-2 | 5601408  | 5625461  | 5686821  | 5637897  | 0.78   | cps   |
| Boron      | 10-1  | 1658     | 1592     | 1358     | 1536     | 10.25  | cps   |
| Boron      | 11-1  | 7702     | 7694     | 7802     | 7733     | 0.78   | cps   |
| Cadmium    | 111-1 | 2893     | 2587     | 2572     | 2684     | 6.74   | cps   |
| Cadmium    | 106-1 | 4109     | 3667     | 3617     | 3798     | 7.13   | cps   |
| Cadmium    | 108-1 | 13       | 38       | 8        | 19       | 81.14  | cps   |
| Calcium    | 43-1  | 392      | 492      | 550      | 478      | 16.76  | cps   |
| Calcium    | 44-1  | 26500    | 26759    | 25431    | 26230    | 2.68   | cps   |
| Chromium   | 52-2  | 1890     | 1877     | 1927     | 1898     | 1.36   | cps   |
| Cobalt     | 59-2  | 157      | 157      | 87       | 133      | 30.31  | cps   |
| Copper     | 63-2  | 2237     | 2277     | 2297     | 2270     | 1.35   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 17       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 25       | 33       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 30       | 30       | 27       | 29       | 6.65   | cps   |
| Gadolinium | 160-1 | 167      | 125      | 125      | 139      | 17.32  | cps   |
| Gadolinium | 160-2 | 107      | 140      | 130      | 126      | 13.62  | cps   |
| Holmium    | 165-1 | 12490863 | 12441765 | 12591012 | 12507880 | 0.61   | cps   |
| Holmium    | 165-2 | 7338762  | 7152993  | 7328865  | 7273540  | 1.44   | cps   |
| Indium     | 115-1 | 10340575 | 10420611 | 10411273 | 10390820 | 0.42   | cps   |
| Indium     | 115-2 | 2417978  | 2404597  | 2435818  | 2419464  | 0.65   | cps   |
| Iron       | 56-2  | 12728    | 12945    | 12233    | 12635    | 2.89   | cps   |
| Iron       | 57-2  | 556      | 467      | 544      | 522      | 9.27   | cps   |
| Lead       | 206-1 | 4969223  | 5073960  | 5058795  | 5033993  | 1.12   | cps   |
| Lead       | 207-1 | 4508163  | 4522639  | 4537158  | 4522653  | 0.32   | cps   |
| Lead       | 208-1 | 20274405 | 20446608 | 20507851 | 20409622 | 0.59   | cps   |
| Lithium    | 6-1   | 1793950  | 1847042  | 1822200  | 1821064  | 1.46   | cps   |
| Magnesium  | 24-2  | 692      | 767      | 817      | 758      | 8.30   | cps   |
| Manganese  | 55-2  | 103      | 73       | 127      | 101      | 26.45  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:07:20 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 950      | 933      | 911      | 5.88   | cps   |
| Molybdenum | 95-1  | 617      | 733      | 692      | 681      | 8.69   | cps   |
| Molybdenum | 96-1  | 975      | 900      | 742      | 872      | 13.66  | cps   |
| Molybdenum | 97-1  | 433      | 533      | 458      | 475      | 10.96  | cps   |
| Molybdenum | 98-1  | 983      | 1050     | 850      | 961      | 10.60  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 123      | 117      | 77       | 106      | 23.91  | cps   |
| Phosphorus | 31-2  | 242      | 225      | 233      | 233      | 3.57   | cps   |
| Potassium  | 39-2  | 73473    | 75509    | 75207    | 74730    | 1.47   | cps   |
| Rhodium    | 103-1 | 9866942  | 10003765 | 10002125 | 9957611  | 0.79   | cps   |
| Rhodium    | 103-2 | 5113985  | 5088157  | 5178661  | 5126934  | 0.91   | cps   |
| Scandium   | 45-1  | 7190748  | 7140414  | 7174639  | 7168600  | 0.36   | cps   |
| Scandium   | 45-2  | 391721   | 393289   | 398831   | 394614   | 0.95   | cps   |
| Selenium   | 77-2  | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 100      | 170      | 119      | 130      | 28.14  | cps   |
| Selenium   | 82-1  | 184      | 79       | 80       | 114      | 53.08  | cps   |
| Silicon    | 28-1  | 695208   | 698739   | 696248   | 696732   | 0.26   | cps   |
| Silver     | 109-1 | 333      | 392      | 275      | 333      | 17.50  | cps   |
| Silver     | 107-1 | 350      | 267      | 267      | 294      | 16.34  | cps   |
| Sodium     | 23-2  | 70198    | 69596    | 69662    | 69819    | 0.47   | cps   |
| Strontium  | 86-1  | 1634     | 1850     | 1934     | 1806     | 8.58   | cps   |
| Strontium  | 88-1  | 775      | 867      | 783      | 808      | 6.27   | cps   |
| Sulfur     | 34-1  | 706720   | 702971   | 703493   | 704394   | 0.29   | cps   |
| Terbium    | 159-1 | 12991671 | 13094473 | 13038324 | 13041489 | 0.39   | cps   |
| Terbium    | 159-2 | 7189522  | 7171199  | 7318665  | 7226462  | 1.11   | cps   |
| Thallium   | 203-1 | 400      | 483      | 450      | 444      | 9.44   | cps   |
| Thallium   | 205-1 | 1267     | 1233     | 1050     | 1183     | 9.86   | cps   |
| Tin        | 118-1 | 1875     | 1709     | 1834     | 1806     | 4.80   | cps   |
| Titanium   | 47-1  | 275      | 275      | 233      | 261      | 9.21   | cps   |
| Uranium    | 238-1 | 408      | 317      | 392      | 372      | 13.12  | cps   |
| Vanadium   | 51-2  | 27       | 30       | 13       | 23       | 37.81  | cps   |
| Yttrium    | 89-1  | 11058706 | 10963997 | 11070734 | 11031146 | 0.53   | cps   |
| Yttrium    | 89-2  | 1943215  | 1941714  | 1962988  | 1949305  | 0.61   | cps   |
| Zinc       | 66-2  | 687      | 570      | 560      | 606      | 11.63  | cps   |
| Zirconium  | 90-1  | 1575     | 1333     | 1467     | 1458     | 8.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101400BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101400BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:07:20 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 275  | 308  | 311     | 12.08  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-01 Instrumnet Name : P7  
 Client Sample ID : DC1849-01-FL1-BRO-W DataFile Name : 021SMPL.d  
 Date & Time Acquired :: 2017-08-09 17:10:46

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1817     | 2360     | 2100     | 2092     | 12.96  | cps   |
| Antimony   | 121-1 | 1608     | 1850     | 1742     | 1734     | 6.98   | cps   |
| Arsenic    | 75-2  | 176      | 167      | 196      | 180      | 8.44   | cps   |
| Barium     | 135-1 | 58767    | 59930    | 60616    | 59771    | 1.56   | cps   |
| Barium     | 137-1 | 103878   | 102460   | 102443   | 102927   | 0.80   | cps   |
| Beryllium  | 9-1   | 100      | 94       | 67       | 87       | 20.52  | cps   |
| Bismuth    | 209-1 | 8668226  | 8610312  | 8508456  | 8595664  | 0.94   | cps   |
| Bismuth    | 209-2 | 5928211  | 5883512  | 5934067  | 5915263  | 0.47   | cps   |
| Boron      | 10-1  | 2609     | 2684     | 2617     | 2636     | 1.56   | cps   |
| Boron      | 11-1  | 13782    | 13982    | 13790    | 13851    | 0.82   | cps   |
| Cadmium    | 111-1 | 4019     | 4227     | 4005     | 4084     | 3.05   | cps   |
| Cadmium    | 106-1 | 3967     | 4134     | 4001     | 4034     | 2.19   | cps   |
| Cadmium    | 108-1 | 125      | 125      | 113      | 121      | 5.97   | cps   |
| Calcium    | 43-1  | 251488   | 253254   | 250838   | 251860   | 0.50   | cps   |
| Calcium    | 44-1  | 4177557  | 4210936  | 4172393  | 4186962  | 0.50   | cps   |
| Chromium   | 52-2  | 1757     | 1977     | 1890     | 1875     | 5.91   | cps   |
| Cobalt     | 59-2  | 150      | 177      | 207      | 178      | 15.95  | cps   |
| Copper     | 63-2  | 1124933  | 1122127  | 1118663  | 1121908  | 0.28   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 42       | 44       | 10.82  | cps   |
| Dysprosium | 156-2 | 20       | 43       | 20       | 28       | 48.49  | cps   |
| Erbium     | 164-1 | 42       | 117      | 133      | 97       | 50.22  | cps   |
| Erbium     | 164-2 | 40       | 53       | 50       | 48       | 14.52  | cps   |
| Gadolinium | 160-1 | 192      | 100      | 192      | 161      | 32.85  | cps   |
| Gadolinium | 160-2 | 170      | 203      | 147      | 173      | 16.43  | cps   |
| Holmium    | 165-1 | 13637692 | 13225546 | 13186566 | 13349935 | 1.87   | cps   |
| Holmium    | 165-2 | 7587886  | 7486088  | 7568015  | 7547330  | 0.71   | cps   |
| Indium     | 115-1 | 11063922 | 11166190 | 10882183 | 11037431 | 1.30   | cps   |
| Indium     | 115-2 | 2558372  | 2544388  | 2543290  | 2548684  | 0.33   | cps   |
| Iron       | 56-2  | 81311    | 84191    | 83397    | 82966    | 1.79   | cps   |
| Iron       | 57-2  | 2939     | 3056     | 2878     | 2958     | 3.06   | cps   |
| Lead       | 206-1 | 24779    | 24629    | 24100    | 24503    | 1.46   | cps   |
| Lead       | 207-1 | 20210    | 20132    | 20249    | 20197    | 0.29   | cps   |
| Lead       | 208-1 | 95007    | 94516    | 93318    | 94280    | 0.92   | cps   |
| Lithium    | 6-1   | 1936763  | 1938313  | 1943126  | 1939401  | 0.17   | cps   |
| Magnesium  | 24-2  | 459137   | 457188   | 452685   | 456337   | 0.73   | cps   |
| Manganese  | 55-2  | 33645    | 32386    | 33291    | 33107    | 1.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-01-FL1-BRO-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:10:46 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4284     | 4017     | 3617     | 3973     | 8.45   | cps   |
| Molybdenum | 95-1  | 783      | 650      | 650      | 694      | 11.09  | cps   |
| Molybdenum | 96-1  | 1450     | 1350     | 1250     | 1350     | 7.41   | cps   |
| Molybdenum | 97-1  | 633      | 417      | 500      | 517      | 21.15  | cps   |
| Molybdenum | 98-1  | 1150     | 1200     | 1183     | 1178     | 2.16   | cps   |
| Neodymium  | 150-1 | 33       | 27       | 27       | 29       | 13.31  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 40       | 30       | 29.40  | cps   |
| Nickel     | 60-2  | 2170     | 2244     | 2207     | 2207     | 1.66   | cps   |
| Phosphorus | 31-2  | 7561     | 7402     | 7427     | 7463     | 1.14   | cps   |
| Potassium  | 39-2  | 262161   | 263549   | 261169   | 262293   | 0.46   | cps   |
| Rhodium    | 103-1 | 10535318 | 10536846 | 10421854 | 10498006 | 0.63   | cps   |
| Rhodium    | 103-2 | 5387922  | 5377465  | 5354851  | 5373413  | 0.31   | cps   |
| Scandium   | 45-1  | 7636916  | 7586529  | 7621304  | 7614916  | 0.34   | cps   |
| Scandium   | 45-2  | 417674   | 415648   | 416071   | 416464   | 0.26   | cps   |
| Selenium   | 77-2  | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 126      | 137      | 133      | 132      | 4.28   | cps   |
| Selenium   | 82-1  | 331      | 179      | 187      | 232      | 36.78  | cps   |
| Silicon    | 28-1  | 9284253  | 9417428  | 9321240  | 9340973  | 0.74   | cps   |
| Silver     | 109-1 | 342      | 542      | 392      | 425      | 24.49  | cps   |
| Silver     | 107-1 | 575      | 400      | 483      | 486      | 18.01  | cps   |
| Sodium     | 23-2  | 7077456  | 7056735  | 7069880  | 7068024  | 0.15   | cps   |
| Strontium  | 86-1  | 87038    | 87156    | 86434    | 86876    | 0.45   | cps   |
| Strontium  | 88-1  | 752416   | 760521   | 740224   | 751053   | 1.36   | cps   |
| Sulfur     | 34-1  | 805380   | 808613   | 799385   | 804459   | 0.58   | cps   |
| Terbium    | 159-1 | 13892081 | 13932690 | 13833482 | 13886084 | 0.36   | cps   |
| Terbium    | 159-2 | 7649776  | 7574372  | 7580566  | 7601571  | 0.55   | cps   |
| Thallium   | 203-1 | 317      | 425      | 425      | 389      | 16.08  | cps   |
| Thallium   | 205-1 | 942      | 1083     | 992      | 1006     | 7.14   | cps   |
| Tin        | 118-1 | 1417     | 1292     | 1458     | 1389     | 6.25   | cps   |
| Titanium   | 47-1  | 1092     | 1250     | 1417     | 1253     | 12.97  | cps   |
| Uranium    | 238-1 | 433      | 350      | 383      | 389      | 10.79  | cps   |
| Vanadium   | 51-2  | 293      | 320      | 293      | 302      | 5.09   | cps   |
| Yttrium    | 89-1  | 11851812 | 11754661 | 11700198 | 11768891 | 0.65   | cps   |
| Yttrium    | 89-2  | 2065439  | 2060596  | 2050359  | 2058798  | 0.37   | cps   |
| Zinc       | 66-2  | 111193   | 112949   | 112455   | 112199   | 0.81   | cps   |
| Zirconium  | 90-1  | 10946    | 9128     | 9137     | 9737     | 10.76  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-01-FL1-BRO-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:10:46 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2492 | 2267 | 1817 | 2192    | 15.68  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-02 Instrumnet Name : P7  
 Client Sample ID : DC1849-02-FL1-BRO-W DataFile Name : 022SMPL.d  
 Date & Time Acquired :: 2017-08-09 17:14:12

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1825     | 1609     | 1684     | 1706     | 6.45   | cps   |
| Antimony   | 121-1 | 1525     | 1517     | 1342     | 1461     | 7.09   | cps   |
| Arsenic    | 75-2  | 207      | 215      | 263      | 228      | 13.21  | cps   |
| Barium     | 135-1 | 50410    | 49590    | 51028    | 50343    | 1.43   | cps   |
| Barium     | 137-1 | 88422    | 87182    | 87081    | 87561    | 0.85   | cps   |
| Beryllium  | 9-1   | 111      | 67       | 89       | 89       | 25.00  | cps   |
| Bismuth    | 209-1 | 8295581  | 8314585  | 8290395  | 8300187  | 0.15   | cps   |
| Bismuth    | 209-2 | 5789703  | 5788077  | 5825819  | 5801200  | 0.37   | cps   |
| Boron      | 10-1  | 2284     | 2475     | 2467     | 2409     | 4.50   | cps   |
| Boron      | 11-1  | 12831    | 12864    | 13164    | 12953    | 1.42   | cps   |
| Cadmium    | 111-1 | 2822     | 2827     | 2755     | 2801     | 1.44   | cps   |
| Cadmium    | 106-1 | 3909     | 3959     | 3851     | 3906     | 1.39   | cps   |
| Cadmium    | 108-1 | 21       | 4        | 17       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 246123   | 240561   | 242058   | 242914   | 1.18   | cps   |
| Calcium    | 44-1  | 4031810  | 4034412  | 4019446  | 4028556  | 0.20   | cps   |
| Chromium   | 52-2  | 2064     | 1940     | 1994     | 1999     | 3.09   | cps   |
| Cobalt     | 59-2  | 220      | 173      | 200      | 198      | 11.84  | cps   |
| Copper     | 63-2  | 150923   | 150259   | 149653   | 150278   | 0.42   | cps   |
| Dysprosium | 156-1 | 25       | 117      | 150      | 97       | 66.58  | cps   |
| Dysprosium | 156-2 | 43       | 47       | 43       | 44       | 4.34   | cps   |
| Erbium     | 164-1 | 150      | 75       | 125      | 117      | 32.74  | cps   |
| Erbium     | 164-2 | 47       | 40       | 57       | 48       | 17.56  | cps   |
| Gadolinium | 160-1 | 200      | 225      | 192      | 206      | 8.44   | cps   |
| Gadolinium | 160-2 | 187      | 203      | 193      | 194      | 4.31   | cps   |
| Holmium    | 165-1 | 13200656 | 13104914 | 12972938 | 13092836 | 0.87   | cps   |
| Holmium    | 165-2 | 7457261  | 7391727  | 7539497  | 7462828  | 0.99   | cps   |
| Indium     | 115-1 | 10819299 | 10770179 | 10588915 | 10726131 | 1.13   | cps   |
| Indium     | 115-2 | 2488668  | 2462533  | 2487310  | 2479503  | 0.59   | cps   |
| Iron       | 56-2  | 132197   | 134108   | 132519   | 132942   | 0.77   | cps   |
| Iron       | 57-2  | 3928     | 3928     | 4618     | 4158     | 9.57   | cps   |
| Lead       | 206-1 | 4651     | 4273     | 4829     | 4584     | 6.19   | cps   |
| Lead       | 207-1 | 3856     | 3690     | 3767     | 3771     | 2.21   | cps   |
| Lead       | 208-1 | 17777    | 17644    | 17594    | 17672    | 0.54   | cps   |
| Lithium    | 6-1   | 1914503  | 1919311  | 1890219  | 1908011  | 0.82   | cps   |
| Magnesium  | 24-2  | 432754   | 430304   | 432714   | 431924   | 0.32   | cps   |
| Manganese  | 55-2  | 36703    | 36650    | 37043    | 36799    | 0.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-02-FL1-BRO-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:14:12 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2409     | 2467     | 1884     | 2253     | 14.26  | cps   |
| Molybdenum | 95-1  | 675      | 733      | 667      | 692      | 5.25   | cps   |
| Molybdenum | 96-1  | 1183     | 983      | 933      | 1033     | 12.80  | cps   |
| Molybdenum | 97-1  | 558      | 575      | 583      | 572      | 2.22   | cps   |
| Molybdenum | 98-1  | 1017     | 1242     | 858      | 1039     | 18.54  | cps   |
| Neodymium  | 150-1 | 107      | 60       | 47       | 71       | 44.30  | cps   |
| Neodymium  | 150-2 | 37       | 37       | 17       | 30       | 38.49  | cps   |
| Nickel     | 60-2  | 577      | 637      | 577      | 597      | 5.81   | cps   |
| Phosphorus | 31-2  | 7310     | 7694     | 7327     | 7444     | 2.91   | cps   |
| Potassium  | 39-2  | 253387   | 250478   | 254862   | 252909   | 0.88   | cps   |
| Rhodium    | 103-1 | 10207273 | 10230509 | 10072365 | 10170049 | 0.84   | cps   |
| Rhodium    | 103-2 | 5257599  | 5246318  | 5245389  | 5249769  | 0.13   | cps   |
| Scandium   | 45-1  | 7346231  | 7422362  | 7379963  | 7382852  | 0.52   | cps   |
| Scandium   | 45-2  | 404759   | 403151   | 406887   | 404932   | 0.46   | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 113      | 119      | 143      | 125      | 12.63  | cps   |
| Selenium   | 82-1  | 182      | 207      | 70       | 153      | 47.87  | cps   |
| Silicon    | 28-1  | 8884321  | 8875484  | 8945035  | 8901613  | 0.43   | cps   |
| Silver     | 109-1 | 483      | 333      | 400      | 406      | 18.53  | cps   |
| Silver     | 107-1 | 483      | 558      | 658      | 567      | 15.49  | cps   |
| Sodium     | 23-2  | 6970162  | 6932292  | 6911015  | 6937823  | 0.43   | cps   |
| Strontium  | 86-1  | 85170    | 85513    | 84087    | 84923    | 0.88   | cps   |
| Strontium  | 88-1  | 725877   | 724653   | 719168   | 723233   | 0.49   | cps   |
| Sulfur     | 34-1  | 775521   | 781380   | 778723   | 778541   | 0.38   | cps   |
| Terbium    | 159-1 | 13553597 | 13614949 | 13535089 | 13567878 | 0.31   | cps   |
| Terbium    | 159-2 | 7464423  | 7439621  | 7456445  | 7453496  | 0.17   | cps   |
| Thallium   | 203-1 | 367      | 433      | 400      | 400      | 8.33   | cps   |
| Thallium   | 205-1 | 800      | 825      | 883      | 836      | 5.12   | cps   |
| Tin        | 118-1 | 1283     | 1175     | 1042     | 1167     | 10.38  | cps   |
| Titanium   | 47-1  | 1258     | 1358     | 1200     | 1272     | 6.30   | cps   |
| Uranium    | 238-1 | 558      | 583      | 642      | 594      | 7.19   | cps   |
| Vanadium   | 51-2  | 290      | 343      | 310      | 314      | 8.57   | cps   |
| Yttrium    | 89-1  | 11422764 | 11518116 | 11386980 | 11442620 | 0.59   | cps   |
| Yttrium    | 89-2  | 2006371  | 1996624  | 1987701  | 1996899  | 0.47   | cps   |
| Zinc       | 66-2  | 8469     | 8463     | 8613     | 8515     | 1.00   | cps   |
| Zirconium  | 90-1  | 5743     | 5376     | 5160     | 5426     | 5.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-02-FL1-BRO-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:14:12 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1308 | 1383 | 1275 | 1322    | 4.20   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-03 Instrumnet Name : P7  
 Client Sample ID : DC1849-03-FL1-KI-W1-P Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:17:38 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 15475    | 15400    | 15017    | 15298    | 1.61   | cps   |
| Antimony   | 121-1 | 1634     | 1167     | 1558     | 1453     | 17.25  | cps   |
| Arsenic    | 75-2  | 293      | 341      | 304      | 312      | 8.07   | cps   |
| Barium     | 135-1 | 89791    | 90922    | 91173    | 90629    | 0.81   | cps   |
| Barium     | 137-1 | 157981   | 156598   | 154695   | 156425   | 1.05   | cps   |
| Beryllium  | 9-1   | 133      | 133      | 128      | 131      | 2.44   | cps   |
| Bismuth    | 209-1 | 8412775  | 8288659  | 8420169  | 8373868  | 0.88   | cps   |
| Bismuth    | 209-2 | 5837685  | 5802170  | 5783168  | 5807674  | 0.48   | cps   |
| Boron      | 10-1  | 2592     | 2775     | 2742     | 2703     | 3.61   | cps   |
| Boron      | 11-1  | 12914    | 13273    | 12205    | 12798    | 4.25   | cps   |
| Cadmium    | 111-1 | 2771     | 2888     | 2884     | 2848     | 2.33   | cps   |
| Cadmium    | 106-1 | 3701     | 3859     | 3859     | 3806     | 2.40   | cps   |
| Cadmium    | 108-1 | 33       | 54       | 54       | 47       | 25.48  | cps   |
| Calcium    | 43-1  | 247328   | 246581   | 247768   | 247226   | 0.24   | cps   |
| Calcium    | 44-1  | 4121591  | 4112003  | 4124341  | 4119312  | 0.16   | cps   |
| Chromium   | 52-2  | 2647     | 2650     | 2584     | 2627     | 1.43   | cps   |
| Cobalt     | 59-2  | 1180     | 1297     | 1253     | 1243     | 4.74   | cps   |
| Copper     | 63-2  | 955787   | 956128   | 954806   | 955574   | 0.07   | cps   |
| Dysprosium | 156-1 | 1300     | 817      | 858      | 992      | 27.01  | cps   |
| Dysprosium | 156-2 | 603      | 487      | 517      | 536      | 11.31  | cps   |
| Erbium     | 164-1 | 733      | 867      | 950      | 850      | 12.86  | cps   |
| Erbium     | 164-2 | 570      | 527      | 510      | 536      | 5.78   | cps   |
| Gadolinium | 160-1 | 1208     | 1317     | 1150     | 1225     | 6.90   | cps   |
| Gadolinium | 160-2 | 713      | 743      | 803      | 753      | 6.08   | cps   |
| Holmium    | 165-1 | 13172292 | 12929311 | 13080414 | 13060672 | 0.94   | cps   |
| Holmium    | 165-2 | 7540431  | 7474418  | 7495155  | 7503335  | 0.45   | cps   |
| Indium     | 115-1 | 10928769 | 10647890 | 10746114 | 10774258 | 1.32   | cps   |
| Indium     | 115-2 | 2481011  | 2508150  | 2490913  | 2493358  | 0.55   | cps   |
| Iron       | 56-2  | 1446668  | 1467018  | 1443158  | 1452281  | 0.89   | cps   |
| Iron       | 57-2  | 37512    | 35722    | 35566    | 36266    | 2.98   | cps   |
| Lead       | 206-1 | 35999    | 36696    | 37180    | 36625    | 1.62   | cps   |
| Lead       | 207-1 | 30218    | 30758    | 30485    | 30487    | 0.89   | cps   |
| Lead       | 208-1 | 139486   | 142170   | 140632   | 140763   | 0.96   | cps   |
| Lithium    | 6-1   | 1935301  | 1902565  | 1917313  | 1918393  | 0.85   | cps   |
| Magnesium  | 24-2  | 445273   | 442520   | 440011   | 442602   | 0.59   | cps   |
| Manganese  | 55-2  | 604525   | 612906   | 606782   | 608071   | 0.71   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-03-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:17:38   | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1959     | 2175     | 2109     | 2081     | 5.33   | cps   |
| Molybdenum | 95-1  | 400      | 475      | 417      | 431      | 9.15   | cps   |
| Molybdenum | 96-1  | 767      | 792      | 858      | 806      | 5.88   | cps   |
| Molybdenum | 97-1  | 283      | 392      | 300      | 325      | 17.95  | cps   |
| Molybdenum | 98-1  | 525      | 758      | 542      | 608      | 21.40  | cps   |
| Neodymium  | 150-1 | 960      | 967      | 913      | 947      | 3.07   | cps   |
| Neodymium  | 150-2 | 407      | 440      | 360      | 402      | 9.99   | cps   |
| Nickel     | 60-2  | 4064     | 4157     | 4341     | 4187     | 3.36   | cps   |
| Phosphorus | 31-2  | 7819     | 7719     | 7436     | 7658     | 2.60   | cps   |
| Potassium  | 39-2  | 256693   | 255411   | 260771   | 257625   | 1.09   | cps   |
| Rhodium    | 103-1 | 10221861 | 10260786 | 10273214 | 10251953 | 0.26   | cps   |
| Rhodium    | 103-2 | 5247271  | 5274080  | 5255439  | 5258930  | 0.26   | cps   |
| Scandium   | 45-1  | 7439340  | 7295728  | 7369517  | 7368195  | 0.97   | cps   |
| Scandium   | 45-2  | 400626   | 405436   | 401818   | 402627   | 0.62   | cps   |
| Selenium   | 77-2  | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 159      | 126      | 161      | 149      | 13.31  | cps   |
| Selenium   | 82-1  | 345      | 131      | 268      | 248      | 43.71  | cps   |
| Silicon    | 28-1  | 9180083  | 9252280  | 9050219  | 9160861  | 1.12   | cps   |
| Silver     | 109-1 | 325      | 442      | 408      | 392      | 15.34  | cps   |
| Silver     | 107-1 | 433      | 383      | 533      | 450      | 16.97  | cps   |
| Sodium     | 23-2  | 6954909  | 6980614  | 6922257  | 6952593  | 0.42   | cps   |
| Strontium  | 86-1  | 90006    | 84800    | 84892    | 86566    | 3.44   | cps   |
| Strontium  | 88-1  | 760914   | 756819   | 732765   | 750166   | 2.03   | cps   |
| Sulfur     | 34-1  | 780518   | 776175   | 783808   | 780167   | 0.49   | cps   |
| Terbium    | 159-1 | 13851612 | 13541576 | 13702416 | 13698535 | 1.13   | cps   |
| Terbium    | 159-2 | 7448682  | 7514327  | 7389887  | 7450965  | 0.84   | cps   |
| Thallium   | 203-1 | 417      | 350      | 433      | 400      | 11.02  | cps   |
| Thallium   | 205-1 | 925      | 1083     | 958      | 989      | 8.44   | cps   |
| Tin        | 118-1 | 2275     | 2459     | 2242     | 2325     | 5.02   | cps   |
| Titanium   | 47-1  | 4418     | 4268     | 4034     | 4240     | 4.56   | cps   |
| Uranium    | 238-1 | 2809     | 2542     | 2934     | 2762     | 7.25   | cps   |
| Vanadium   | 51-2  | 850      | 840      | 1000     | 897      | 10.00  | cps   |
| Yttrium    | 89-1  | 11663376 | 11481256 | 11529931 | 11558188 | 0.82   | cps   |
| Yttrium    | 89-2  | 2008549  | 2016736  | 2005782  | 2010356  | 0.28   | cps   |
| Zinc       | 66-2  | 32921    | 33505    | 33702    | 33376    | 1.22   | cps   |
| Zirconium  | 90-1  | 5935     | 5635     | 5276     | 5615     | 5.87   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-03-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:17:38   | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1292 | 1092 | 1367 | 1250    | 11.37  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-04 Instrumnet Name : P7  
 Client Sample ID : DC1849-04-FL1-KI-W1-P Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:21:04 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2309     | 2259     | 2417     | 2328     | 3.48   | cps   |
| Antimony   | 121-1 | 1267     | 1292     | 1125     | 1228     | 7.32   | cps   |
| Arsenic    | 75-2  | 213      | 196      | 211      | 207      | 4.42   | cps   |
| Barium     | 135-1 | 51806    | 51597    | 52232    | 51878    | 0.62   | cps   |
| Barium     | 137-1 | 91139    | 90066    | 89412    | 90206    | 0.97   | cps   |
| Beryllium  | 9-1   | 78       | 89       | 61       | 76       | 18.42  | cps   |
| Bismuth    | 209-1 | 8579788  | 8441080  | 8590046  | 8536971  | 0.97   | cps   |
| Bismuth    | 209-2 | 5798941  | 5813454  | 5843841  | 5818745  | 0.39   | cps   |
| Boron      | 10-1  | 2517     | 2459     | 2659     | 2545     | 4.04   | cps   |
| Boron      | 11-1  | 11972    | 12080    | 11897    | 11983    | 0.77   | cps   |
| Cadmium    | 111-1 | 2973     | 2689     | 2889     | 2851     | 5.12   | cps   |
| Cadmium    | 106-1 | 4217     | 3817     | 4092     | 4042     | 5.06   | cps   |
| Cadmium    | 108-1 | 29       | 29       | 13       | 24       | 40.76  | cps   |
| Calcium    | 43-1  | 247888   | 245115   | 245608   | 246204   | 0.60   | cps   |
| Calcium    | 44-1  | 4111479  | 4078347  | 4076019  | 4088615  | 0.49   | cps   |
| Chromium   | 52-2  | 1930     | 1980     | 1994     | 1968     | 1.70   | cps   |
| Cobalt     | 59-2  | 253      | 213      | 277      | 248      | 12.93  | cps   |
| Copper     | 63-2  | 224474   | 222792   | 221895   | 223054   | 0.59   | cps   |
| Dysprosium | 156-1 | 133      | 167      | 83       | 128      | 32.83  | cps   |
| Dysprosium | 156-2 | 57       | 80       | 73       | 70       | 17.17  | cps   |
| Erbium     | 164-1 | 150      | 133      | 167      | 150      | 11.11  | cps   |
| Erbium     | 164-2 | 70       | 40       | 90       | 67       | 37.75  | cps   |
| Gadolinium | 160-1 | 225      | 217      | 208      | 217      | 3.84   | cps   |
| Gadolinium | 160-2 | 197      | 187      | 220      | 201      | 8.51   | cps   |
| Holmium    | 165-1 | 13329788 | 13418832 | 13243870 | 13330830 | 0.66   | cps   |
| Holmium    | 165-2 | 7545048  | 7520805  | 7470862  | 7512238  | 0.50   | cps   |
| Indium     | 115-1 | 11072856 | 11058954 | 11072842 | 11068217 | 0.07   | cps   |
| Indium     | 115-2 | 2504847  | 2483553  | 2510161  | 2499520  | 0.56   | cps   |
| Iron       | 56-2  | 197618   | 194806   | 195751   | 196058   | 0.73   | cps   |
| Iron       | 57-2  | 5351     | 5562     | 5651     | 5522     | 2.79   | cps   |
| Lead       | 206-1 | 6646     | 7141     | 6674     | 6820     | 4.08   | cps   |
| Lead       | 207-1 | 5796     | 5840     | 5846     | 5827     | 0.47   | cps   |
| Lead       | 208-1 | 26594    | 26783    | 26333    | 26570    | 0.85   | cps   |
| Lithium    | 6-1   | 1939861  | 1965378  | 1940904  | 1948714  | 0.74   | cps   |
| Magnesium  | 24-2  | 441849   | 440234   | 439105   | 440396   | 0.31   | cps   |
| Manganese  | 55-2  | 65599    | 66811    | 68209    | 66873    | 1.95   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-04-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:21:04   | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1792     | 1709     | 1684     | 1728     | 3.28   | cps   |
| Molybdenum | 95-1  | 417      | 633      | 550      | 533      | 20.49  | cps   |
| Molybdenum | 96-1  | 667      | 708      | 775      | 717      | 7.63   | cps   |
| Molybdenum | 97-1  | 517      | 442      | 333      | 431      | 21.41  | cps   |
| Molybdenum | 98-1  | 900      | 842      | 800      | 847      | 5.93   | cps   |
| Neodymium  | 150-1 | 93       | 107      | 87       | 96       | 10.66  | cps   |
| Neodymium  | 150-2 | 47       | 33       | 50       | 43       | 20.36  | cps   |
| Nickel     | 60-2  | 980      | 947      | 930      | 952      | 2.67   | cps   |
| Phosphorus | 31-2  | 7927     | 7402     | 7244     | 7524     | 4.76   | cps   |
| Potassium  | 39-2  | 255531   | 254090   | 255156   | 254926   | 0.29   | cps   |
| Rhodium    | 103-1 | 10434078 | 10346327 | 10282016 | 10354140 | 0.74   | cps   |
| Rhodium    | 103-2 | 5299143  | 5347096  | 5309881  | 5318707  | 0.47   | cps   |
| Scandium   | 45-1  | 7522417  | 7486590  | 7535472  | 7514826  | 0.34   | cps   |
| Scandium   | 45-2  | 406489   | 406297   | 404272   | 405686   | 0.30   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 156      | 148      | 111      | 138      | 17.22  | cps   |
| Selenium   | 82-1  | 172      | 196      | 228      | 199      | 14.17  | cps   |
| Silicon    | 28-1  | 8936744  | 8936036  | 8908914  | 8927232  | 0.18   | cps   |
| Silver     | 109-1 | 308      | 358      | 258      | 308      | 16.22  | cps   |
| Silver     | 107-1 | 283      | 242      | 317      | 281      | 13.39  | cps   |
| Sodium     | 23-2  | 6964914  | 7007439  | 7057152  | 7009835  | 0.66   | cps   |
| Strontium  | 86-1  | 85998    | 84305    | 84239    | 84848    | 1.18   | cps   |
| Strontium  | 88-1  | 735856   | 726402   | 739272   | 733843   | 0.91   | cps   |
| Sulfur     | 34-1  | 768250   | 766381   | 754726   | 763119   | 0.96   | cps   |
| Terbium    | 159-1 | 13968497 | 13951975 | 13790174 | 13903549 | 0.71   | cps   |
| Terbium    | 159-2 | 7520888  | 7458313  | 7511791  | 7496997  | 0.45   | cps   |
| Thallium   | 203-1 | 367      | 408      | 283      | 353      | 18.04  | cps   |
| Thallium   | 205-1 | 758      | 700      | 1000     | 820      | 19.41  | cps   |
| Tin        | 118-1 | 1233     | 1175     | 1317     | 1242     | 5.73   | cps   |
| Titanium   | 47-1  | 1400     | 1785     | 1325     | 1503     | 16.40  | cps   |
| Uranium    | 238-1 | 775      | 633      | 842      | 750      | 14.19  | cps   |
| Vanadium   | 51-2  | 347      | 350      | 337      | 344      | 2.01   | cps   |
| Yttrium    | 89-1  | 11624294 | 11561956 | 11626073 | 11604108 | 0.31   | cps   |
| Yttrium    | 89-2  | 2005097  | 2018002  | 2026177  | 2016426  | 0.53   | cps   |
| Zinc       | 66-2  | 8863     | 9880     | 9250     | 9331     | 5.50   | cps   |
| Zirconium  | 90-1  | 4051     | 3992     | 4009     | 4017     | 0.75   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-04-FL1-KI-W1-P | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:21:04   | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 833  | 825  | 842  | 833     | 1.00   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-05-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:24:30   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 975      | 1108     | 1292     | 1125     | 14.13  | cps   |
| Antimony   | 121-1 | 1950     | 1909     | 1892     | 1917     | 1.57   | cps   |
| Arsenic    | 75-2  | 198      | 189      | 237      | 208      | 12.28  | cps   |
| Barium     | 135-1 | 57035    | 55612    | 55529    | 56058    | 1.51   | cps   |
| Barium     | 137-1 | 96485    | 96527    | 93422    | 95478    | 1.86   | cps   |
| Beryllium  | 9-1   | 67       | 83       | 56       | 69       | 20.41  | cps   |
| Bismuth    | 209-1 | 8524089  | 8502728  | 8453981  | 8493600  | 0.42   | cps   |
| Bismuth    | 209-2 | 5815496  | 5859536  | 5834628  | 5836553  | 0.38   | cps   |
| Boron      | 10-1  | 2325     | 2484     | 2509     | 2439     | 4.08   | cps   |
| Boron      | 11-1  | 11655    | 10863    | 11505    | 11341    | 3.71   | cps   |
| Cadmium    | 111-1 | 2687     | 2872     | 2779     | 2779     | 3.34   | cps   |
| Cadmium    | 106-1 | 3801     | 4051     | 3892     | 3915     | 3.23   | cps   |
| Cadmium    | 108-1 | 46       | 25       | 29       | 33       | 33.06  | cps   |
| Calcium    | 43-1  | 247218   | 245361   | 245337   | 245972   | 0.44   | cps   |
| Calcium    | 44-1  | 4084994  | 4045772  | 4012455  | 4047741  | 0.90   | cps   |
| Chromium   | 52-2  | 1990     | 2080     | 1977     | 2016     | 2.79   | cps   |
| Cobalt     | 59-2  | 233      | 200      | 237      | 223      | 9.08   | cps   |
| Copper     | 63-2  | 1197361  | 1207892  | 1214162  | 1206472  | 0.70   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 42       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 7        | 33       | 33       | 24       | 62.97  | cps   |
| Erbium     | 164-1 | 100      | 158      | 158      | 139      | 24.25  | cps   |
| Erbium     | 164-2 | 33       | 67       | 50       | 50       | 33.34  | cps   |
| Gadolinium | 160-1 | 125      | 158      | 108      | 131      | 19.50  | cps   |
| Gadolinium | 160-2 | 183      | 197      | 177      | 186      | 5.49   | cps   |
| Holmium    | 165-1 | 13290406 | 13210317 | 13090411 | 13197045 | 0.76   | cps   |
| Holmium    | 165-2 | 7521776  | 7538287  | 7477400  | 7512487  | 0.42   | cps   |
| Indium     | 115-1 | 11054398 | 10889115 | 10805391 | 10916301 | 1.16   | cps   |
| Indium     | 115-2 | 2483205  | 2516568  | 2497724  | 2499166  | 0.67   | cps   |
| Iron       | 56-2  | 69460    | 70470    | 68098    | 69343    | 1.72   | cps   |
| Iron       | 57-2  | 2545     | 2595     | 2734     | 2624     | 3.73   | cps   |
| Lead       | 206-1 | 10805    | 11016    | 10905    | 10908    | 0.97   | cps   |
| Lead       | 207-1 | 9165     | 9148     | 8775     | 9029     | 2.44   | cps   |
| Lead       | 208-1 | 42389    | 41281    | 41259    | 41643    | 1.55   | cps   |
| Lithium    | 6-1   | 1970187  | 1925242  | 1909444  | 1934958  | 1.63   | cps   |
| Magnesium  | 24-2  | 439358   | 450587   | 444232   | 444726   | 1.27   | cps   |
| Manganese  | 55-2  | 25001    | 25365    | 25569    | 25312    | 1.14   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-05-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:24:30   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1425     | 1392     | 1258     | 1358     | 6.49   | cps   |
| Molybdenum | 95-1  | 450      | 492      | 500      | 481      | 5.57   | cps   |
| Molybdenum | 96-1  | 667      | 700      | 800      | 722      | 9.61   | cps   |
| Molybdenum | 97-1  | 525      | 417      | 375      | 439      | 17.64  | cps   |
| Molybdenum | 98-1  | 833      | 842      | 842      | 839      | 0.57   | cps   |
| Neodymium  | 150-1 | 87       | 47       | 27       | 53       | 57.28  | cps   |
| Neodymium  | 150-2 | 20       | 27       | 20       | 22       | 17.33  | cps   |
| Nickel     | 60-2  | 7902     | 8232     | 8289     | 8141     | 2.57   | cps   |
| Phosphorus | 31-2  | 7027     | 6994     | 7052     | 7024     | 0.42   | cps   |
| Potassium  | 39-2  | 248241   | 249578   | 251259   | 249693   | 0.61   | cps   |
| Rhodium    | 103-1 | 10516736 | 10205123 | 10177445 | 10299768 | 1.83   | cps   |
| Rhodium    | 103-2 | 5236653  | 5338328  | 5348773  | 5307918  | 1.17   | cps   |
| Scandium   | 45-1  | 7585270  | 7419274  | 7427562  | 7477369  | 1.25   | cps   |
| Scandium   | 45-2  | 403338   | 406909   | 406556   | 405601   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 128      | 117      | 102      | 115      | 11.27  | cps   |
| Selenium   | 82-1  | 152      | 178      | 304      | 211      | 38.45  | cps   |
| Silicon    | 28-1  | 9555821  | 8958543  | 8912478  | 9142281  | 3.93   | cps   |
| Silver     | 109-1 | 475      | 492      | 392      | 453      | 11.83  | cps   |
| Silver     | 107-1 | 467      | 383      | 475      | 442      | 11.48  | cps   |
| Sodium     | 23-2  | 6942312  | 6991483  | 6953028  | 6962274  | 0.37   | cps   |
| Strontium  | 86-1  | 84616    | 84926    | 84306    | 84616    | 0.37   | cps   |
| Strontium  | 88-1  | 732753   | 728504   | 727012   | 729423   | 0.41   | cps   |
| Sulfur     | 34-1  | 760366   | 763198   | 758030   | 760531   | 0.34   | cps   |
| Terbium    | 159-1 | 13912445 | 13662529 | 13588940 | 13721305 | 1.24   | cps   |
| Terbium    | 159-2 | 7517891  | 7518661  | 7459107  | 7498553  | 0.46   | cps   |
| Thallium   | 203-1 | 333      | 367      | 367      | 356      | 5.41   | cps   |
| Thallium   | 205-1 | 692      | 767      | 758      | 739      | 5.56   | cps   |
| Tin        | 118-1 | 1350     | 1075     | 1083     | 1170     | 13.38  | cps   |
| Titanium   | 47-1  | 1275     | 1083     | 1042     | 1133     | 10.98  | cps   |
| Uranium    | 238-1 | 458      | 458      | 417      | 444      | 5.41   | cps   |
| Vanadium   | 51-2  | 197      | 330      | 260      | 262      | 25.43  | cps   |
| Yttrium    | 89-1  | 11559764 | 11498965 | 11434358 | 11497696 | 0.55   | cps   |
| Yttrium    | 89-2  | 2006318  | 2022308  | 2019680  | 2016102  | 0.43   | cps   |
| Zinc       | 66-2  | 123816   | 123826   | 124710   | 124117   | 0.41   | cps   |
| Zirconium  | 90-1  | 3025     | 2934     | 3042     | 3000     | 1.95   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-05-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:24:30   | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 717  | 667  | 608  | 664     | 8.17   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-06-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:27:56   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 933      | 825      | 975      | 911      | 8.50   | cps   |
| Antimony   | 121-1 | 1342     | 1175     | 1183     | 1233     | 7.61   | cps   |
| Arsenic    | 75-2  | 194      | 152      | 196      | 181      | 13.90  | cps   |
| Barium     | 135-1 | 63261    | 63203    | 62583    | 63016    | 0.60   | cps   |
| Barium     | 137-1 | 108053   | 109774   | 109052   | 108960   | 0.79   | cps   |
| Beryllium  | 9-1   | 117      | 56       | 72       | 81       | 38.77  | cps   |
| Bismuth    | 209-1 | 8586247  | 8374532  | 8609835  | 8523538  | 1.52   | cps   |
| Bismuth    | 209-2 | 5761217  | 5748126  | 5698316  | 5735886  | 0.58   | cps   |
| Boron      | 10-1  | 2350     | 2459     | 2492     | 2434     | 3.04   | cps   |
| Boron      | 11-1  | 11096    | 11263    | 11171    | 11177    | 0.75   | cps   |
| Cadmium    | 111-1 | 2957     | 2664     | 2891     | 2837     | 5.41   | cps   |
| Cadmium    | 106-1 | 4176     | 3759     | 4101     | 4012     | 5.54   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 25       | 18       | 35.25  | cps   |
| Calcium    | 43-1  | 245997   | 245092   | 243199   | 244763   | 0.58   | cps   |
| Calcium    | 44-1  | 4064621  | 3992654  | 4008664  | 4021980  | 0.94   | cps   |
| Chromium   | 52-2  | 1873     | 1887     | 1837     | 1866     | 1.39   | cps   |
| Cobalt     | 59-2  | 153      | 167      | 170      | 163      | 5.40   | cps   |
| Copper     | 63-2  | 1284863  | 1282045  | 1287702  | 1284870  | 0.22   | cps   |
| Dysprosium | 156-1 | 33       | 92       | 67       | 64       | 45.81  | cps   |
| Dysprosium | 156-2 | 13       | 20       | 40       | 24       | 56.78  | cps   |
| Erbium     | 164-1 | 58       | 83       | 83       | 75       | 19.24  | cps   |
| Erbium     | 164-2 | 33       | 37       | 33       | 34       | 5.60   | cps   |
| Gadolinium | 160-1 | 200      | 158      | 175      | 178      | 11.80  | cps   |
| Gadolinium | 160-2 | 187      | 160      | 157      | 168      | 9.80   | cps   |
| Holmium    | 165-1 | 13342553 | 12893641 | 13319345 | 13185180 | 1.92   | cps   |
| Holmium    | 165-2 | 7565177  | 7410495  | 7404787  | 7460153  | 1.22   | cps   |
| Indium     | 115-1 | 10954539 | 10641415 | 10844425 | 10813460 | 1.47   | cps   |
| Indium     | 115-2 | 2468703  | 2455475  | 2461247  | 2461808  | 0.27   | cps   |
| Iron       | 56-2  | 59679    | 59294    | 57265    | 58746    | 2.21   | cps   |
| Iron       | 57-2  | 2145     | 2634     | 2695     | 2491     | 12.11  | cps   |
| Lead       | 206-1 | 2795     | 2473     | 2795     | 2687     | 6.92   | cps   |
| Lead       | 207-1 | 2500     | 2256     | 2239     | 2332     | 6.27   | cps   |
| Lead       | 208-1 | 11085    | 10146    | 10669    | 10633    | 4.43   | cps   |
| Lithium    | 6-1   | 1943355  | 1911344  | 1930134  | 1928278  | 0.83   | cps   |
| Magnesium  | 24-2  | 434270   | 435935   | 433577   | 434594   | 0.28   | cps   |
| Manganese  | 55-2  | 18942    | 18962    | 18719    | 18875    | 0.72   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-06-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:27:56   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1233     | 1358     | 1325     | 1306     | 4.96   | cps   |
| Molybdenum | 95-1  | 567      | 517      | 517      | 533      | 5.41   | cps   |
| Molybdenum | 96-1  | 708      | 600      | 725      | 678      | 10.01  | cps   |
| Molybdenum | 97-1  | 492      | 433      | 358      | 428      | 15.63  | cps   |
| Molybdenum | 98-1  | 708      | 792      | 658      | 720      | 9.36   | cps   |
| Neodymium  | 150-1 | 47       | 27       | 20       | 31       | 44.61  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 10       | 10       | 0.00   | cps   |
| Nickel     | 60-2  | 1153     | 1143     | 1243     | 1180     | 4.67   | cps   |
| Phosphorus | 31-2  | 7444     | 7511     | 7444     | 7466     | 0.52   | cps   |
| Potassium  | 39-2  | 249548   | 248386   | 247322   | 248419   | 0.45   | cps   |
| Rhodium    | 103-1 | 10475897 | 10238211 | 10162541 | 10292216 | 1.59   | cps   |
| Rhodium    | 103-2 | 5250442  | 5208477  | 5228326  | 5229082  | 0.40   | cps   |
| Scandium   | 45-1  | 7581835  | 7162343  | 7423744  | 7389308  | 2.87   | cps   |
| Scandium   | 45-2  | 404633   | 401479   | 395225   | 400445   | 1.20   | cps   |
| Selenium   | 77-2  | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Selenium   | 78-2  | 122      | 137      | 107      | 122      | 12.12  | cps   |
| Selenium   | 82-1  | 169      | 159      | 210      | 179      | 15.16  | cps   |
| Silicon    | 28-1  | 8833548  | 8737933  | 8733243  | 8768241  | 0.65   | cps   |
| Silver     | 109-1 | 267      | 358      | 233      | 286      | 22.62  | cps   |
| Silver     | 107-1 | 358      | 350      | 292      | 333      | 10.90  | cps   |
| Sodium     | 23-2  | 6851933  | 6837317  | 6798005  | 6829085  | 0.41   | cps   |
| Strontium  | 86-1  | 87164    | 86360    | 87985    | 87170    | 0.93   | cps   |
| Strontium  | 88-1  | 755331   | 747412   | 753896   | 752213   | 0.56   | cps   |
| Sulfur     | 34-1  | 764791   | 760006   | 756632   | 760477   | 0.54   | cps   |
| Terbium    | 159-1 | 13711654 | 13627855 | 13767986 | 13702498 | 0.51   | cps   |
| Terbium    | 159-2 | 7410327  | 7428555  | 7478661  | 7439181  | 0.48   | cps   |
| Thallium   | 203-1 | 275      | 208      | 283      | 256      | 16.08  | cps   |
| Thallium   | 205-1 | 600      | 808      | 733      | 714      | 14.78  | cps   |
| Tin        | 118-1 | 992      | 1000     | 1050     | 1014     | 3.11   | cps   |
| Titanium   | 47-1  | 975      | 1200     | 1067     | 1081     | 10.47  | cps   |
| Uranium    | 238-1 | 317      | 283      | 233      | 278      | 15.10  | cps   |
| Vanadium   | 51-2  | 263      | 283      | 247      | 264      | 6.94   | cps   |
| Yttrium    | 89-1  | 11578550 | 11433185 | 11615392 | 11542376 | 0.83   | cps   |
| Yttrium    | 89-2  | 1999045  | 1981723  | 1970041  | 1983603  | 0.74   | cps   |
| Zinc       | 66-2  | 36766    | 36523    | 36088    | 36459    | 0.94   | cps   |
| Zirconium  | 90-1  | 2900     | 2825     | 2475     | 2734     | 8.30   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-06-FL1-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:27:56   | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 617  | 592  | 608  | 606     | 2.10   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-07 Instrumnet Name : P7  
 Client Sample ID : DC1849-07-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:31:20 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1592     | 1750     | 1458     | 1600     | 9.13   | cps   |
| Antimony   | 121-1 | 2259     | 2309     | 2467     | 2345     | 4.64   | cps   |
| Arsenic    | 75-2  | 178      | 206      | 204      | 196      | 7.94   | cps   |
| Barium     | 135-1 | 95996    | 92911    | 93572    | 94160    | 1.73   | cps   |
| Barium     | 137-1 | 166959   | 164133   | 159683   | 163592   | 2.24   | cps   |
| Beryllium  | 9-1   | 100      | 67       | 39       | 69       | 44.65  | cps   |
| Bismuth    | 209-1 | 8540598  | 8511590  | 8417820  | 8490003  | 0.76   | cps   |
| Bismuth    | 209-2 | 5833951  | 5937010  | 5844895  | 5871952  | 0.96   | cps   |
| Boron      | 10-1  | 2317     | 2325     | 2550     | 2398     | 5.52   | cps   |
| Boron      | 11-1  | 12272    | 12089    | 11238    | 11866    | 4.65   | cps   |
| Cadmium    | 111-1 | 4843     | 4738     | 4547     | 4709     | 3.19   | cps   |
| Cadmium    | 106-1 | 4718     | 4526     | 4167     | 4470     | 6.25   | cps   |
| Cadmium    | 108-1 | 288      | 288      | 279      | 285      | 1.69   | cps   |
| Calcium    | 43-1  | 271151   | 272834   | 269015   | 271000   | 0.71   | cps   |
| Calcium    | 44-1  | 4517545  | 4484234  | 4483816  | 4495198  | 0.43   | cps   |
| Chromium   | 52-2  | 1837     | 1997     | 1840     | 1891     | 4.83   | cps   |
| Cobalt     | 59-2  | 3004     | 3067     | 3047     | 3039     | 1.07   | cps   |
| Copper     | 63-2  | 1125858  | 1125204  | 1135058  | 1128707  | 0.49   | cps   |
| Dysprosium | 156-1 | 42       | 92       | 117      | 83       | 45.82  | cps   |
| Dysprosium | 156-2 | 47       | 37       | 37       | 40       | 14.43  | cps   |
| Erbium     | 164-1 | 100      | 100      | 108      | 103      | 4.68   | cps   |
| Erbium     | 164-2 | 60       | 37       | 63       | 53       | 27.24  | cps   |
| Gadolinium | 160-1 | 183      | 125      | 250      | 186      | 33.61  | cps   |
| Gadolinium | 160-2 | 200      | 217      | 207      | 208      | 4.04   | cps   |
| Holmium    | 165-1 | 13345170 | 13129783 | 13183407 | 13219453 | 0.85   | cps   |
| Holmium    | 165-2 | 7591139  | 7618341  | 7598779  | 7602753  | 0.18   | cps   |
| Indium     | 115-1 | 11009161 | 10803125 | 10748602 | 10853629 | 1.27   | cps   |
| Indium     | 115-2 | 2501256  | 2529685  | 2501926  | 2510956  | 0.65   | cps   |
| Iron       | 56-2  | 115859   | 115035   | 114438   | 115111   | 0.62   | cps   |
| Iron       | 57-2  | 3756     | 3701     | 3828     | 3762     | 1.70   | cps   |
| Lead       | 206-1 | 48138    | 48026    | 46861    | 47675    | 1.48   | cps   |
| Lead       | 207-1 | 40189    | 38918    | 39169    | 39426    | 1.71   | cps   |
| Lead       | 208-1 | 184896   | 183175   | 180476   | 182849   | 1.22   | cps   |
| Lithium    | 6-1   | 1952706  | 1933309  | 1912999  | 1933005  | 1.03   | cps   |
| Magnesium  | 24-2  | 463042   | 462120   | 462373   | 462512   | 0.10   | cps   |
| Manganese  | 55-2  | 96380    | 97473    | 97094    | 96982    | 0.57   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-07-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:31:20   | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1108     | 1142     | 1308     | 1186     | 9.03   | cps   |
| Molybdenum | 95-1  | 600      | 417      | 450      | 489      | 19.97  | cps   |
| Molybdenum | 96-1  | 692      | 633      | 667      | 664      | 4.41   | cps   |
| Molybdenum | 97-1  | 400      | 283      | 425      | 369      | 20.47  | cps   |
| Molybdenum | 98-1  | 700      | 883      | 850      | 811      | 12.04  | cps   |
| Neodymium  | 150-1 | 47       | 120      | 53       | 73       | 55.30  | cps   |
| Neodymium  | 150-2 | 23       | 17       | 33       | 24       | 34.31  | cps   |
| Nickel     | 60-2  | 428304   | 429605   | 430556   | 429489   | 0.26   | cps   |
| Phosphorus | 31-2  | 5201     | 4984     | 5485     | 5223     | 4.80   | cps   |
| Potassium  | 39-2  | 279637   | 279135   | 280580   | 279784   | 0.26   | cps   |
| Rhodium    | 103-1 | 10347702 | 10262548 | 10180042 | 10263431 | 0.82   | cps   |
| Rhodium    | 103-2 | 5261384  | 5351513  | 5280830  | 5297909  | 0.90   | cps   |
| Scandium   | 45-1  | 7509553  | 7413993  | 7442386  | 7455311  | 0.66   | cps   |
| Scandium   | 45-2  | 406772   | 411829   | 404132   | 407577   | 0.96   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 148      | 137      | 141      | 142      | 3.98   | cps   |
| Selenium   | 82-1  | 290      | 35       | 241      | 189      | 71.87  | cps   |
| Silicon    | 28-1  | 9527560  | 9455720  | 9424333  | 9469204  | 0.56   | cps   |
| Silver     | 109-1 | 475      | 392      | 408      | 425      | 10.38  | cps   |
| Silver     | 107-1 | 533      | 525      | 442      | 500      | 10.14  | cps   |
| Sodium     | 23-2  | 6767535  | 6690733  | 6722280  | 6726849  | 0.57   | cps   |
| Strontium  | 86-1  | 101801   | 98595    | 100232   | 100209   | 1.60   | cps   |
| Strontium  | 88-1  | 871122   | 865299   | 851613   | 862678   | 1.16   | cps   |
| Sulfur     | 34-1  | 774930   | 771099   | 775620   | 773883   | 0.31   | cps   |
| Terbium    | 159-1 | 13779544 | 13686347 | 13622039 | 13695977 | 0.58   | cps   |
| Terbium    | 159-2 | 7538272  | 7587479  | 7569728  | 7565160  | 0.33   | cps   |
| Thallium   | 203-1 | 417      | 417      | 292      | 375      | 19.25  | cps   |
| Thallium   | 205-1 | 1000     | 983      | 975      | 986      | 1.29   | cps   |
| Tin        | 118-1 | 1058     | 1133     | 992      | 1061     | 6.68   | cps   |
| Titanium   | 47-1  | 875      | 975      | 1042     | 964      | 8.70   | cps   |
| Uranium    | 238-1 | 750      | 725      | 775      | 750      | 3.33   | cps   |
| Vanadium   | 51-2  | 243      | 257      | 237      | 246      | 4.15   | cps   |
| Yttrium    | 89-1  | 11565648 | 11570263 | 11431858 | 11522590 | 0.68   | cps   |
| Yttrium    | 89-2  | 2014205  | 2037922  | 2011437  | 2021188  | 0.72   | cps   |
| Zinc       | 66-2  | 2552978  | 2543762  | 2550676  | 2549138  | 0.19   | cps   |
| Zirconium  | 90-1  | 2509     | 2492     | 2342     | 2448     | 3.75   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-07-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:31:20   | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 508  | 417  | 464     | 9.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:34:45 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 692      | 750      | 658      | 700      | 6.63   | cps   |
| Antimony   | 121-1 | 600      | 675      | 583      | 619      | 7.88   | cps   |
| Arsenic    | 75-2  | 26       | 22       | 28       | 25       | 11.19  | cps   |
| Barium     | 135-1 | 383      | 250      | 300      | 311      | 21.65  | cps   |
| Barium     | 137-1 | 583      | 525      | 550      | 553      | 5.29   | cps   |
| Beryllium  | 9-1   | 78       | 67       | 67       | 70       | 9.11   | cps   |
| Bismuth    | 209-1 | 8020476  | 8095171  | 8054400  | 8056682  | 0.46   | cps   |
| Bismuth    | 209-2 | 5507355  | 5483652  | 5470797  | 5487268  | 0.34   | cps   |
| Boron      | 10-1  | 883      | 942      | 883      | 903      | 3.73   | cps   |
| Boron      | 11-1  | 4059     | 4426     | 4217     | 4234     | 4.34   | cps   |
| Cadmium    | 111-1 | 2378     | 2632     | 2492     | 2501     | 5.07   | cps   |
| Cadmium    | 106-1 | 3401     | 3742     | 3517     | 3553     | 4.89   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 4        | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 358      | 333      | 417      | 369      | 11.58  | cps   |
| Calcium    | 44-1  | 24296    | 24421    | 24805    | 24507    | 1.08   | cps   |
| Chromium   | 52-2  | 1984     | 1897     | 1800     | 1893     | 4.84   | cps   |
| Cobalt     | 59-2  | 87       | 103      | 130      | 107      | 20.49  | cps   |
| Copper     | 63-2  | 1693     | 1667     | 1860     | 1740     | 6.02   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 25       | 108      | 61       | 69.98  | cps   |
| Erbium     | 164-2 | 23       | 10       | 17       | 17       | 39.99  | cps   |
| Gadolinium | 160-1 | 142      | 133      | 117      | 131      | 9.75   | cps   |
| Gadolinium | 160-2 | 93       | 140      | 120      | 118      | 19.88  | cps   |
| Holmium    | 165-1 | 12290500 | 12394622 | 12279493 | 12321538 | 0.52   | cps   |
| Holmium    | 165-2 | 7040762  | 7010943  | 7081028  | 7044244  | 0.50   | cps   |
| Indium     | 115-1 | 10176068 | 10144286 | 10214229 | 10178195 | 0.34   | cps   |
| Indium     | 115-2 | 2343801  | 2340204  | 2342051  | 2342018  | 0.08   | cps   |
| Iron       | 56-2  | 9876     | 10182    | 9848     | 9968     | 1.86   | cps   |
| Iron       | 57-2  | 567      | 533      | 489      | 530      | 7.37   | cps   |
| Lead       | 206-1 | 4923604  | 4940689  | 4920104  | 4928132  | 0.22   | cps   |
| Lead       | 207-1 | 4413657  | 4411361  | 4440754  | 4421924  | 0.37   | cps   |
| Lead       | 208-1 | 19907605 | 19828013 | 20033450 | 19923022 | 0.52   | cps   |
| Lithium    | 6-1   | 1811343  | 1834883  | 1795368  | 1813864  | 1.10   | cps   |
| Magnesium  | 24-2  | 483      | 475      | 508      | 489      | 3.55   | cps   |
| Manganese  | 55-2  | 100      | 87       | 90       | 92       | 7.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:34:45 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 450      | 433      | 450      | 444      | 2.17   | cps   |
| Molybdenum | 95-1  | 333      | 325      | 300      | 319      | 5.43   | cps   |
| Molybdenum | 96-1  | 375      | 242      | 417      | 344      | 26.54  | cps   |
| Molybdenum | 97-1  | 342      | 292      | 350      | 328      | 9.63   | cps   |
| Molybdenum | 98-1  | 325      | 525      | 550      | 467      | 26.43  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 113      | 110      | 100      | 108      | 6.44   | cps   |
| Phosphorus | 31-2  | 292      | 150      | 350      | 264      | 38.98  | cps   |
| Potassium  | 39-2  | 68300    | 68275    | 68667    | 68414    | 0.32   | cps   |
| Rhodium    | 103-1 | 9629746  | 9652707  | 9695819  | 9659424  | 0.35   | cps   |
| Rhodium    | 103-2 | 4979743  | 4977384  | 4988751  | 4981959  | 0.12   | cps   |
| Scandium   | 45-1  | 6920306  | 7026502  | 6889980  | 6945596  | 1.03   | cps   |
| Scandium   | 45-2  | 380796   | 376685   | 380366   | 379283   | 0.60   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 135      | 119      | 128      | 127      | 6.57   | cps   |
| Selenium   | 82-1  | 222      | 170      | 53       | 148      | 58.37  | cps   |
| Silicon    | 28-1  | 683317   | 692827   | 680906   | 685683   | 0.92   | cps   |
| Silver     | 109-1 | 175      | 217      | 200      | 197      | 10.63  | cps   |
| Silver     | 107-1 | 192      | 242      | 175      | 203      | 17.11  | cps   |
| Sodium     | 23-2  | 61360    | 60899    | 61527    | 61262    | 0.53   | cps   |
| Strontium  | 86-1  | 1775     | 1967     | 1967     | 1903     | 5.82   | cps   |
| Strontium  | 88-1  | 700      | 708      | 783      | 731      | 6.28   | cps   |
| Sulfur     | 34-1  | 656765   | 660163   | 667252   | 661393   | 0.81   | cps   |
| Terbium    | 159-1 | 12729518 | 12779936 | 12856623 | 12788692 | 0.50   | cps   |
| Terbium    | 159-2 | 7019272  | 6946534  | 7020440  | 6995415  | 0.61   | cps   |
| Thallium   | 203-1 | 267      | 383      | 317      | 322      | 18.17  | cps   |
| Thallium   | 205-1 | 817      | 617      | 792      | 742      | 14.69  | cps   |
| Tin        | 118-1 | 1417     | 1433     | 1283     | 1378     | 5.97   | cps   |
| Titanium   | 47-1  | 183      | 242      | 183      | 203      | 16.61  | cps   |
| Uranium    | 238-1 | 242      | 300      | 250      | 264      | 11.96  | cps   |
| Vanadium   | 51-2  | 27       | 23       | 17       | 22       | 22.91  | cps   |
| Yttrium    | 89-1  | 10695860 | 10740133 | 10786338 | 10740777 | 0.42   | cps   |
| Yttrium    | 89-2  | 1880964  | 1882014  | 1885507  | 1882828  | 0.13   | cps   |
| Zinc       | 66-2  | 447      | 500      | 517      | 488      | 7.50   | cps   |
| Zirconium  | 90-1  | 792      | 625      | 750      | 722      | 12.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:34:45 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 150  | 167  | 158     | 5.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:38:09 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200      | 317      | 217      | 244      | 25.81  | cps   |
| Antimony   | 121-1 | 533      | 575      | 633      | 581      | 8.65   | cps   |
| Arsenic    | 75-2  | 19       | 19       | 15       | 17       | 12.39  | cps   |
| Barium     | 135-1 | 292      | 292      | 292      | 292      | 0.00   | cps   |
| Barium     | 137-1 | 475      | 567      | 508      | 517      | 8.98   | cps   |
| Beryllium  | 9-1   | 67       | 67       | 78       | 70       | 9.11   | cps   |
| Bismuth    | 209-1 | 8013716  | 8047631  | 8028755  | 8030034  | 0.21   | cps   |
| Bismuth    | 209-2 | 5510482  | 5524297  | 5541451  | 5525410  | 0.28   | cps   |
| Boron      | 10-1  | 817      | 633      | 692      | 714      | 13.12  | cps   |
| Boron      | 11-1  | 3526     | 3642     | 3109     | 3426     | 8.19   | cps   |
| Cadmium    | 111-1 | 2591     | 2428     | 2858     | 2626     | 8.26   | cps   |
| Cadmium    | 106-1 | 3701     | 3476     | 4076     | 3751     | 8.08   | cps   |
| Cadmium    | 108-1 | 29       | 13       | 17       | 19       | 44.61  | cps   |
| Calcium    | 43-1  | 325      | 417      | 267      | 336      | 22.50  | cps   |
| Calcium    | 44-1  | 23570    | 23729    | 23945    | 23748    | 0.79   | cps   |
| Chromium   | 52-2  | 1837     | 1920     | 1967     | 1908     | 3.45   | cps   |
| Cobalt     | 59-2  | 80       | 80       | 53       | 71       | 21.65  | cps   |
| Copper     | 63-2  | 1753     | 1783     | 1693     | 1743     | 2.63   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 58       | 67       | 58       | 61       | 7.87   | cps   |
| Erbium     | 164-2 | 20       | 13       | 27       | 20       | 33.35  | cps   |
| Gadolinium | 160-1 | 100      | 117      | 108      | 108      | 7.69   | cps   |
| Gadolinium | 160-2 | 97       | 110      | 167      | 124      | 29.87  | cps   |
| Holmium    | 165-1 | 12255753 | 12412294 | 12434731 | 12367593 | 0.79   | cps   |
| Holmium    | 165-2 | 7092819  | 7173276  | 7115624  | 7127240  | 0.58   | cps   |
| Indium     | 115-1 | 10250909 | 10223473 | 10299597 | 10257993 | 0.38   | cps   |
| Indium     | 115-2 | 2335867  | 2338557  | 2370066  | 2348163  | 0.81   | cps   |
| Iron       | 56-2  | 8069     | 7875     | 8025     | 7989     | 1.28   | cps   |
| Iron       | 57-2  | 422      | 356      | 422      | 400      | 9.62   | cps   |
| Lead       | 206-1 | 1795     | 1578     | 1772     | 1715     | 6.95   | cps   |
| Lead       | 207-1 | 1578     | 1328     | 1311     | 1406     | 10.63  | cps   |
| Lead       | 208-1 | 7045     | 6440     | 6451     | 6645     | 5.21   | cps   |
| Lithium    | 6-1   | 1808223  | 1826009  | 1826718  | 1820316  | 0.58   | cps   |
| Magnesium  | 24-2  | 408      | 317      | 400      | 375      | 13.52  | cps   |
| Manganese  | 55-2  | 87       | 63       | 80       | 77       | 15.68  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:38:09 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 317      | 308      | 442      | 356      | 21.01  | cps   |
| Molybdenum | 95-1  | 200      | 300      | 217      | 239      | 22.43  | cps   |
| Molybdenum | 96-1  | 217      | 267      | 317      | 267      | 18.75  | cps   |
| Molybdenum | 97-1  | 208      | 150      | 225      | 194      | 20.25  | cps   |
| Molybdenum | 98-1  | 317      | 200      | 325      | 281      | 24.91  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 70       | 73       | 77       | 73       | 4.55   | cps   |
| Phosphorus | 31-2  | 300      | 367      | 292      | 319      | 12.87  | cps   |
| Potassium  | 39-2  | 65562    | 66935    | 66643    | 66380    | 1.09   | cps   |
| Rhodium    | 103-1 | 9750310  | 9714298  | 9696430  | 9720346  | 0.28   | cps   |
| Rhodium    | 103-2 | 5018740  | 5009768  | 4980035  | 5002848  | 0.40   | cps   |
| Scandium   | 45-1  | 6917695  | 6979969  | 6922260  | 6939975  | 0.50   | cps   |
| Scandium   | 45-2  | 380989   | 378746   | 380201   | 379978   | 0.30   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 124      | 111      | 131      | 122      | 8.44   | cps   |
| Selenium   | 82-1  | 297      | 168      | 41       | 169      | 76.07  | cps   |
| Silicon    | 28-1  | 678794   | 677086   | 678272   | 678050   | 0.13   | cps   |
| Silver     | 109-1 | 217      | 175      | 92       | 161      | 39.51  | cps   |
| Silver     | 107-1 | 142      | 217      | 200      | 186      | 21.16  | cps   |
| Sodium     | 23-2  | 58590    | 59009    | 60489    | 59363    | 1.68   | cps   |
| Strontium  | 86-1  | 1792     | 1475     | 1834     | 1700     | 11.53  | cps   |
| Strontium  | 88-1  | 483      | 425      | 508      | 472      | 9.05   | cps   |
| Sulfur     | 34-1  | 675187   | 677681   | 675131   | 676000   | 0.22   | cps   |
| Terbium    | 159-1 | 12976497 | 12961831 | 12849587 | 12929305 | 0.54   | cps   |
| Terbium    | 159-2 | 7096947  | 7105930  | 7158306  | 7120394  | 0.47   | cps   |
| Thallium   | 203-1 | 242      | 233      | 250      | 242      | 3.45   | cps   |
| Thallium   | 205-1 | 558      | 492      | 550      | 533      | 6.81   | cps   |
| Tin        | 118-1 | 1383     | 1417     | 1333     | 1378     | 3.04   | cps   |
| Titanium   | 47-1  | 158      | 192      | 275      | 208      | 28.85  | cps   |
| Uranium    | 238-1 | 83       | 33       | 42       | 53       | 50.76  | cps   |
| Vanadium   | 51-2  | 10       | 20       | 23       | 18       | 39.03  | cps   |
| Yttrium    | 89-1  | 10766745 | 10935405 | 10777339 | 10826497 | 0.87   | cps   |
| Yttrium    | 89-2  | 1888674  | 1899714  | 1893338  | 1893909  | 0.29   | cps   |
| Zinc       | 66-2  | 423      | 423      | 423      | 423      | 0.00   | cps   |
| Zirconium  | 90-1  | 642      | 750      | 708      | 700      | 7.81   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB84               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB84               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:38:09 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 117  | 117  | 111     | 8.66   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-08 Instrumnet Name : P7  
 Client Sample ID : DC1849-08-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:41:35 DataFile Name : 030SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2809     | 3093     | 2943     | 2948     | 4.81   | cps   |
| Antimony   | 121-1 | 900      | 1067     | 975      | 981      | 8.51   | cps   |
| Arsenic    | 75-2  | 204      | 189      | 180      | 191      | 6.37   | cps   |
| Barium     | 135-1 | 55922    | 55085    | 54416    | 55141    | 1.37   | cps   |
| Barium     | 137-1 | 97728    | 96620    | 96972    | 97107    | 0.58   | cps   |
| Beryllium  | 9-1   | 61       | 111      | 61       | 78       | 37.12  | cps   |
| Bismuth    | 209-1 | 8519363  | 8588303  | 8547169  | 8551612  | 0.41   | cps   |
| Bismuth    | 209-2 | 5727866  | 5756154  | 5822689  | 5768903  | 0.84   | cps   |
| Boron      | 10-1  | 2034     | 2142     | 1717     | 1964     | 11.25  | cps   |
| Boron      | 11-1  | 10062    | 10262    | 9962     | 10095    | 1.51   | cps   |
| Cadmium    | 111-1 | 2443     | 2738     | 2836     | 2672     | 7.66   | cps   |
| Cadmium    | 106-1 | 3417     | 3851     | 3992     | 3753     | 7.98   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 13       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 243498   | 238266   | 243727   | 241831   | 1.28   | cps   |
| Calcium    | 44-1  | 4017005  | 3950449  | 3968326  | 3978593  | 0.87   | cps   |
| Chromium   | 52-2  | 2067     | 1944     | 2154     | 2055     | 5.14   | cps   |
| Cobalt     | 59-2  | 210      | 220      | 293      | 241      | 18.87  | cps   |
| Copper     | 63-2  | 958283   | 969346   | 972207   | 966612   | 0.76   | cps   |
| Dysprosium | 156-1 | 75       | 92       | 125      | 97       | 26.19  | cps   |
| Dysprosium | 156-2 | 53       | 50       | 43       | 49       | 10.42  | cps   |
| Erbium     | 164-1 | 100      | 150      | 108      | 119      | 22.43  | cps   |
| Erbium     | 164-2 | 67       | 67       | 47       | 60       | 19.24  | cps   |
| Gadolinium | 160-1 | 167      | 192      | 150      | 169      | 12.38  | cps   |
| Gadolinium | 160-2 | 190      | 187      | 200      | 192      | 3.61   | cps   |
| Holmium    | 165-1 | 13411787 | 13205171 | 13118710 | 13245223 | 1.14   | cps   |
| Holmium    | 165-2 | 7425724  | 7456053  | 7607485  | 7496421  | 1.30   | cps   |
| Indium     | 115-1 | 10892801 | 10872649 | 10883251 | 10882900 | 0.09   | cps   |
| Indium     | 115-2 | 2441274  | 2479982  | 2490081  | 2470446  | 1.04   | cps   |
| Iron       | 56-2  | 165414   | 172576   | 166519   | 168169   | 2.29   | cps   |
| Iron       | 57-2  | 5274     | 4662     | 6351     | 5429     | 15.75  | cps   |
| Lead       | 206-1 | 15337    | 15153    | 15131    | 15207    | 0.74   | cps   |
| Lead       | 207-1 | 12962    | 12462    | 12378    | 12601    | 2.51   | cps   |
| Lead       | 208-1 | 59297    | 58279    | 58530    | 58702    | 0.90   | cps   |
| Lithium    | 6-1   | 1949939  | 1948191  | 1915357  | 1937829  | 1.01   | cps   |
| Magnesium  | 24-2  | 425878   | 426536   | 431242   | 427885   | 0.68   | cps   |
| Manganese  | 55-2  | 67759    | 68050    | 69272    | 68360    | 1.17   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-08-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:41:35   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1392     | 1417     | 1267     | 1358     | 5.92   | cps   |
| Molybdenum | 95-1  | 333      | 292      | 417      | 347      | 18.33  | cps   |
| Molybdenum | 96-1  | 608      | 617      | 617      | 614      | 0.78   | cps   |
| Molybdenum | 97-1  | 367      | 342      | 350      | 353      | 3.61   | cps   |
| Molybdenum | 98-1  | 767      | 642      | 542      | 650      | 17.34  | cps   |
| Neodymium  | 150-1 | 87       | 87       | 60       | 78       | 19.80  | cps   |
| Neodymium  | 150-2 | 43       | 50       | 40       | 44       | 11.46  | cps   |
| Nickel     | 60-2  | 3967     | 4391     | 4044     | 4134     | 5.46   | cps   |
| Phosphorus | 31-2  | 7360     | 7202     | 7627     | 7397     | 2.91   | cps   |
| Potassium  | 39-2  | 239553   | 244609   | 247685   | 243949   | 1.68   | cps   |
| Rhodium    | 103-1 | 10374779 | 10279061 | 10296328 | 10316723 | 0.49   | cps   |
| Rhodium    | 103-2 | 5186610  | 5263308  | 5329992  | 5259970  | 1.36   | cps   |
| Scandium   | 45-1  | 7417636  | 7294453  | 7404018  | 7372036  | 0.92   | cps   |
| Scandium   | 45-2  | 396918   | 403820   | 404986   | 401908   | 1.09   | cps   |
| Selenium   | 77-2  | 0        | 3        | 13       | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 124      | 183      | 109      | 139      | 28.22  | cps   |
| Selenium   | 82-1  | 236      | 164      | 113      | 171      | 36.23  | cps   |
| Silicon    | 28-1  | 8944327  | 8770286  | 8661187  | 8791933  | 1.62   | cps   |
| Silver     | 109-1 | 267      | 233      | 242      | 247      | 7.02   | cps   |
| Silver     | 107-1 | 342      | 375      | 308      | 342      | 9.76   | cps   |
| Sodium     | 23-2  | 6778521  | 6899392  | 6835085  | 6837666  | 0.88   | cps   |
| Strontium  | 86-1  | 83726    | 84784    | 81372    | 83294    | 2.10   | cps   |
| Strontium  | 88-1  | 721939   | 715775   | 708096   | 715270   | 0.97   | cps   |
| Sulfur     | 34-1  | 770109   | 766412   | 771380   | 769300   | 0.34   | cps   |
| Terbium    | 159-1 | 13759720 | 13749036 | 13715420 | 13741392 | 0.17   | cps   |
| Terbium    | 159-2 | 7465719  | 7484825  | 7515529  | 7488691  | 0.34   | cps   |
| Thallium   | 203-1 | 192      | 192      | 200      | 194      | 2.47   | cps   |
| Thallium   | 205-1 | 617      | 625      | 592      | 611      | 2.84   | cps   |
| Tin        | 118-1 | 1033     | 1067     | 1117     | 1072     | 3.91   | cps   |
| Titanium   | 47-1  | 1383     | 1893     | 1550     | 1609     | 16.13  | cps   |
| Uranium    | 238-1 | 650      | 717      | 550      | 639      | 13.13  | cps   |
| Vanadium   | 51-2  | 330      | 353      | 320      | 334      | 5.11   | cps   |
| Yttrium    | 89-1  | 11571917 | 11527038 | 11401180 | 11500045 | 0.77   | cps   |
| Yttrium    | 89-2  | 1973645  | 1994500  | 2007027  | 1991724  | 0.85   | cps   |
| Zinc       | 66-2  | 33990    | 34531    | 34394    | 34305    | 0.82   | cps   |
| Zirconium  | 90-1  | 3776     | 3467     | 3284     | 3509     | 7.08   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-08-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:41:35   | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 733  | 858  | 608  | 733     | 17.05  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-09 Instrumnet Name : P7  
 Client Sample ID : DC1849-09-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:45:00 DataFile Name : 031SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2567     | 3110     | 2442     | 2707     | 13.12  | cps   |
| Antimony   | 121-1 | 1058     | 983      | 950      | 997      | 5.56   | cps   |
| Arsenic    | 75-2  | 243      | 178      | 183      | 201      | 17.85  | cps   |
| Barium     | 135-1 | 56776    | 57260    | 54784    | 56273    | 2.33   | cps   |
| Barium     | 137-1 | 97064    | 95721    | 96744    | 96509    | 0.73   | cps   |
| Beryllium  | 9-1   | 94       | 33       | 56       | 61       | 50.62  | cps   |
| Bismuth    | 209-1 | 8613528  | 8496068  | 8538152  | 8549249  | 0.70   | cps   |
| Bismuth    | 209-2 | 5817564  | 5892714  | 5830821  | 5847033  | 0.69   | cps   |
| Boron      | 10-1  | 2059     | 2067     | 2184     | 2103     | 3.32   | cps   |
| Boron      | 11-1  | 9945     | 10162    | 10337    | 10148    | 1.93   | cps   |
| Cadmium    | 111-1 | 2616     | 2378     | 2602     | 2532     | 5.27   | cps   |
| Cadmium    | 106-1 | 3701     | 3367     | 3676     | 3581     | 5.19   | cps   |
| Cadmium    | 108-1 | 17       | 29       | 13       | 19       | 44.61  | cps   |
| Calcium    | 43-1  | 241665   | 242878   | 237324   | 240623   | 1.21   | cps   |
| Calcium    | 44-1  | 3977497  | 3951412  | 3915472  | 3948127  | 0.79   | cps   |
| Chromium   | 52-2  | 2050     | 2220     | 2220     | 2164     | 4.54   | cps   |
| Cobalt     | 59-2  | 257      | 273      | 277      | 269      | 3.99   | cps   |
| Copper     | 63-2  | 1167881  | 1176616  | 1175338  | 1173278  | 0.40   | cps   |
| Dysprosium | 156-1 | 117      | 117      | 133      | 122      | 7.87   | cps   |
| Dysprosium | 156-2 | 43       | 37       | 40       | 40       | 8.32   | cps   |
| Erbium     | 164-1 | 100      | 133      | 67       | 100      | 33.33  | cps   |
| Erbium     | 164-2 | 50       | 63       | 73       | 62       | 18.81  | cps   |
| Gadolinium | 160-1 | 167      | 158      | 183      | 169      | 7.51   | cps   |
| Gadolinium | 160-2 | 177      | 203      | 167      | 182      | 10.40  | cps   |
| Holmium    | 165-1 | 13506237 | 13106325 | 13286324 | 13299629 | 1.51   | cps   |
| Holmium    | 165-2 | 7572386  | 7670335  | 7555974  | 7599565  | 0.81   | cps   |
| Indium     | 115-1 | 10991187 | 10942360 | 10954447 | 10962665 | 0.23   | cps   |
| Indium     | 115-2 | 2490303  | 2493398  | 2510670  | 2498124  | 0.44   | cps   |
| Iron       | 56-2  | 135366   | 127480   | 132329   | 131725   | 3.02   | cps   |
| Iron       | 57-2  | 4040     | 4067     | 4045     | 4051     | 0.36   | cps   |
| Lead       | 206-1 | 44347    | 43143    | 43137    | 43542    | 1.60   | cps   |
| Lead       | 207-1 | 35966    | 35654    | 35894    | 35838    | 0.46   | cps   |
| Lead       | 208-1 | 171009   | 166776   | 168274   | 168687   | 1.27   | cps   |
| Lithium    | 6-1   | 1973058  | 1943816  | 1947189  | 1954687  | 0.82   | cps   |
| Magnesium  | 24-2  | 432697   | 431535   | 432435   | 432222   | 0.14   | cps   |
| Manganese  | 55-2  | 61585    | 62114    | 61053    | 61584    | 0.86   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-09-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:45:00   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1283     | 1242     | 1309     | 1278     | 2.66   | cps   |
| Molybdenum | 95-1  | 475      | 483      | 458      | 472      | 2.69   | cps   |
| Molybdenum | 96-1  | 675      | 617      | 458      | 583      | 19.22  | cps   |
| Molybdenum | 97-1  | 342      | 308      | 408      | 353      | 14.43  | cps   |
| Molybdenum | 98-1  | 633      | 700      | 575      | 636      | 9.83   | cps   |
| Neodymium  | 150-1 | 107      | 80       | 93       | 93       | 14.29  | cps   |
| Neodymium  | 150-2 | 30       | 33       | 50       | 38       | 28.37  | cps   |
| Nickel     | 60-2  | 15946    | 16046    | 15452    | 15814    | 2.01   | cps   |
| Phosphorus | 31-2  | 7644     | 7886     | 7494     | 7675     | 2.58   | cps   |
| Potassium  | 39-2  | 246244   | 246347   | 244591   | 245727   | 0.40   | cps   |
| Rhodium    | 103-1 | 10440089 | 10274070 | 10396570 | 10370243 | 0.83   | cps   |
| Rhodium    | 103-2 | 5289524  | 5323326  | 5308778  | 5307209  | 0.32   | cps   |
| Scandium   | 45-1  | 7455333  | 7457204  | 7389342  | 7433959  | 0.52   | cps   |
| Scandium   | 45-2  | 401526   | 403314   | 403488   | 402776   | 0.27   | cps   |
| Selenium   | 77-2  | 3        | 17       | 3        | 8        | 99.04  | cps   |
| Selenium   | 78-2  | 131      | 133      | 139      | 135      | 2.86   | cps   |
| Selenium   | 82-1  | 174      | 192      | 146      | 171      | 13.79  | cps   |
| Silicon    | 28-1  | 9993553  | 8852411  | 8728147  | 9191370  | 7.59   | cps   |
| Silver     | 109-1 | 292      | 300      | 283      | 292      | 2.86   | cps   |
| Silver     | 107-1 | 342      | 433      | 383      | 386      | 11.89  | cps   |
| Sodium     | 23-2  | 6893749  | 6857357  | 6874536  | 6875214  | 0.26   | cps   |
| Strontium  | 86-1  | 86401    | 83391    | 83300    | 84364    | 2.09   | cps   |
| Strontium  | 88-1  | 724437   | 711517   | 709751   | 715235   | 1.12   | cps   |
| Sulfur     | 34-1  | 760403   | 759015   | 761007   | 760142   | 0.13   | cps   |
| Terbium    | 159-1 | 13966026 | 13801041 | 13959702 | 13908923 | 0.67   | cps   |
| Terbium    | 159-2 | 7552702  | 7443897  | 7515122  | 7503907  | 0.74   | cps   |
| Thallium   | 203-1 | 300      | 467      | 225      | 331      | 37.42  | cps   |
| Thallium   | 205-1 | 617      | 667      | 708      | 664      | 6.91   | cps   |
| Tin        | 118-1 | 758      | 842      | 867      | 822      | 6.90   | cps   |
| Titanium   | 47-1  | 1417     | 1150     | 1359     | 1309     | 10.72  | cps   |
| Uranium    | 238-1 | 508      | 533      | 542      | 528      | 3.29   | cps   |
| Vanadium   | 51-2  | 333      | 283      | 280      | 299      | 10.00  | cps   |
| Yttrium    | 89-1  | 11673029 | 11531547 | 11521683 | 11575420 | 0.73   | cps   |
| Yttrium    | 89-2  | 2001875  | 2010182  | 2012828  | 2008295  | 0.28   | cps   |
| Zinc       | 66-2  | 21837    | 21426    | 21486    | 21583    | 1.03   | cps   |
| Zirconium  | 90-1  | 2734     | 2384     | 2625     | 2581     | 6.94   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-09-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:45:00   | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 708  | 642  | 608  | 653     | 7.80   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-10-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:48:25   | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2050     | 1867     | 1976     | 1964     | 4.70   | cps   |
| Antimony   | 121-1 | 908      | 917      | 1008     | 945      | 5.87   | cps   |
| Arsenic    | 75-2  | 206      | 215      | 209      | 210      | 2.22   | cps   |
| Barium     | 135-1 | 53822    | 53387    | 53747    | 53652    | 0.43   | cps   |
| Barium     | 137-1 | 94294    | 92499    | 94780    | 93858    | 1.28   | cps   |
| Beryllium  | 9-1   | 50       | 78       | 44       | 57       | 31.11  | cps   |
| Bismuth    | 209-1 | 8662249  | 8488675  | 8616563  | 8589162  | 1.05   | cps   |
| Bismuth    | 209-2 | 5842830  | 5757106  | 5711801  | 5770579  | 1.15   | cps   |
| Boron      | 10-1  | 2034     | 1875     | 2375     | 2095     | 12.20  | cps   |
| Boron      | 11-1  | 10446    | 10462    | 10721    | 10543    | 1.46   | cps   |
| Cadmium    | 111-1 | 2668     | 2624     | 2510     | 2601     | 3.12   | cps   |
| Cadmium    | 106-1 | 3792     | 3717     | 3584     | 3698     | 2.85   | cps   |
| Cadmium    | 108-1 | 29       | 17       | 33       | 26       | 32.86  | cps   |
| Calcium    | 43-1  | 240762   | 243227   | 244024   | 242671   | 0.70   | cps   |
| Calcium    | 44-1  | 3971640  | 3968157  | 3975389  | 3971729  | 0.09   | cps   |
| Chromium   | 52-2  | 1723     | 1840     | 1830     | 1798     | 3.60   | cps   |
| Cobalt     | 59-2  | 177      | 217      | 193      | 196      | 10.27  | cps   |
| Copper     | 63-2  | 628982   | 637444   | 625448   | 630625   | 0.98   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 83       | 75       | 11.11  | cps   |
| Dysprosium | 156-2 | 37       | 47       | 53       | 46       | 18.41  | cps   |
| Erbium     | 164-1 | 117      | 75       | 125      | 106      | 25.38  | cps   |
| Erbium     | 164-2 | 73       | 80       | 27       | 60       | 48.43  | cps   |
| Gadolinium | 160-1 | 183      | 225      | 242      | 217      | 13.87  | cps   |
| Gadolinium | 160-2 | 187      | 217      | 240      | 214      | 12.47  | cps   |
| Holmium    | 165-1 | 13157594 | 13203489 | 13166278 | 13175787 | 0.19   | cps   |
| Holmium    | 165-2 | 7553453  | 7369159  | 7407209  | 7443274  | 1.31   | cps   |
| Indium     | 115-1 | 10904405 | 10975836 | 10949090 | 10943110 | 0.33   | cps   |
| Indium     | 115-2 | 2476385  | 2490928  | 2441334  | 2469549  | 1.03   | cps   |
| Iron       | 56-2  | 125085   | 123065   | 123377   | 123842   | 0.88   | cps   |
| Iron       | 57-2  | 3834     | 3984     | 3845     | 3888     | 2.15   | cps   |
| Lead       | 206-1 | 8786     | 8019     | 8442     | 8416     | 4.57   | cps   |
| Lead       | 207-1 | 6947     | 7213     | 7119     | 7093     | 1.91   | cps   |
| Lead       | 208-1 | 32911    | 32105    | 33523    | 32846    | 2.17   | cps   |
| Lithium    | 6-1   | 1967165  | 1955056  | 1947304  | 1956508  | 0.51   | cps   |
| Magnesium  | 24-2  | 430260   | 431736   | 420918   | 427638   | 1.37   | cps   |
| Manganese  | 55-2  | 43645    | 44261    | 43811    | 43906    | 0.73   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-10-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:48:25   | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1117     | 983      | 892      | 997      | 11.35  | cps   |
| Molybdenum | 95-1  | 458      | 508      | 375      | 447      | 15.06  | cps   |
| Molybdenum | 96-1  | 575      | 525      | 608      | 569      | 7.37   | cps   |
| Molybdenum | 97-1  | 242      | 267      | 450      | 319      | 35.61  | cps   |
| Molybdenum | 98-1  | 567      | 558      | 625      | 583      | 6.23   | cps   |
| Neodymium  | 150-1 | 67       | 107      | 113      | 96       | 26.41  | cps   |
| Neodymium  | 150-2 | 30       | 27       | 17       | 24       | 28.38  | cps   |
| Nickel     | 60-2  | 1710     | 1893     | 1677     | 1760     | 6.63   | cps   |
| Phosphorus | 31-2  | 7527     | 7619     | 6952     | 7366     | 4.91   | cps   |
| Potassium  | 39-2  | 244337   | 248109   | 242889   | 245111   | 1.10   | cps   |
| Rhodium    | 103-1 | 10371417 | 10362463 | 10344921 | 10359601 | 0.13   | cps   |
| Rhodium    | 103-2 | 5256997  | 5254436  | 5191376  | 5234270  | 0.71   | cps   |
| Scandium   | 45-1  | 7473784  | 7451575  | 7381710  | 7435689  | 0.65   | cps   |
| Scandium   | 45-2  | 400602   | 402690   | 395089   | 399460   | 0.98   | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 115      | 135      | 139      | 130      | 10.00  | cps   |
| Selenium   | 82-1  | 185      | 219      | 165      | 190      | 14.24  | cps   |
| Silicon    | 28-1  | 8773856  | 9128029  | 8855057  | 8918981  | 2.08   | cps   |
| Silver     | 109-1 | 250      | 208      | 217      | 225      | 9.80   | cps   |
| Silver     | 107-1 | 258      | 275      | 233      | 256      | 8.21   | cps   |
| Sodium     | 23-2  | 6860234  | 6873116  | 6747356  | 6826902  | 1.01   | cps   |
| Strontium  | 86-1  | 85453    | 84968    | 84356    | 84925    | 0.65   | cps   |
| Strontium  | 88-1  | 720348   | 721218   | 712885   | 718151   | 0.64   | cps   |
| Sulfur     | 34-1  | 771026   | 761749   | 761860   | 764878   | 0.70   | cps   |
| Terbium    | 159-1 | 13883879 | 13711589 | 13767587 | 13787685 | 0.64   | cps   |
| Terbium    | 159-2 | 7523021  | 7633781  | 7447203  | 7534668  | 1.25   | cps   |
| Thallium   | 203-1 | 225      | 242      | 275      | 247      | 10.30  | cps   |
| Thallium   | 205-1 | 517      | 717      | 550      | 594      | 18.03  | cps   |
| Tin        | 118-1 | 867      | 900      | 758      | 842      | 8.80   | cps   |
| Titanium   | 47-1  | 1367     | 1258     | 1217     | 1281     | 6.05   | cps   |
| Uranium    | 238-1 | 658      | 508      | 575      | 581      | 12.95  | cps   |
| Vanadium   | 51-2  | 327      | 283      | 320      | 310      | 7.53   | cps   |
| Yttrium    | 89-1  | 11526154 | 11497378 | 11429282 | 11484271 | 0.43   | cps   |
| Yttrium    | 89-2  | 2002635  | 2007637  | 1982815  | 1997696  | 0.66   | cps   |
| Zinc       | 66-2  | 7699     | 7722     | 7445     | 7622     | 2.01   | cps   |
| Zirconium  | 90-1  | 2409     | 2350     | 2184     | 2314     | 5.05   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-10-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:48:25   | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 575  | 583  | 542  | 567     | 3.89   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-11 Instrumnet Name : P7  
 Client Sample ID : DC1849-11-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:51:50 DataFile Name : 033SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1600     | 1742     | 1275     | 1539     | 15.55  | cps   |
| Antimony   | 121-1 | 1617     | 1675     | 1850     | 1714     | 7.09   | cps   |
| Arsenic    | 75-2  | 159      | 172      | 207      | 180      | 13.87  | cps   |
| Barium     | 135-1 | 59838    | 59469    | 59670    | 59659    | 0.31   | cps   |
| Barium     | 137-1 | 103903   | 104147   | 103342   | 103797   | 0.40   | cps   |
| Beryllium  | 9-1   | 106      | 50       | 72       | 76       | 36.83  | cps   |
| Bismuth    | 209-1 | 8559661  | 8562543  | 8621535  | 8581246  | 0.41   | cps   |
| Bismuth    | 209-2 | 5706461  | 5840301  | 5827450  | 5791404  | 1.28   | cps   |
| Boron      | 10-1  | 2067     | 2159     | 2092     | 2106     | 2.25   | cps   |
| Boron      | 11-1  | 9929     | 10496    | 10212    | 10212    | 2.78   | cps   |
| Cadmium    | 111-1 | 2890     | 3033     | 2861     | 2928     | 3.15   | cps   |
| Cadmium    | 106-1 | 3926     | 4167     | 4001     | 4031     | 3.07   | cps   |
| Cadmium    | 108-1 | 29       | 25       | 63       | 39       | 52.85  | cps   |
| Calcium    | 43-1  | 232373   | 229995   | 232101   | 231490   | 0.56   | cps   |
| Calcium    | 44-1  | 3835346  | 3805151  | 3772320  | 3804272  | 0.83   | cps   |
| Chromium   | 52-2  | 1933     | 1850     | 1950     | 1911     | 2.80   | cps   |
| Cobalt     | 59-2  | 510      | 473      | 477      | 487      | 4.17   | cps   |
| Copper     | 63-2  | 1486338  | 1479223  | 1474643  | 1480068  | 0.40   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 33       | 50       | 28.88  | cps   |
| Dysprosium | 156-2 | 50       | 27       | 30       | 36       | 35.49  | cps   |
| Erbium     | 164-1 | 108      | 75       | 108      | 97       | 19.80  | cps   |
| Erbium     | 164-2 | 43       | 43       | 43       | 43       | 0.00   | cps   |
| Gadolinium | 160-1 | 292      | 167      | 233      | 231      | 27.13  | cps   |
| Gadolinium | 160-2 | 143      | 200      | 167      | 170      | 16.75  | cps   |
| Holmium    | 165-1 | 13390391 | 13275599 | 13169415 | 13278468 | 0.83   | cps   |
| Holmium    | 165-2 | 7486327  | 7529147  | 7534684  | 7516719  | 0.35   | cps   |
| Indium     | 115-1 | 11042587 | 10919241 | 10957852 | 10973226 | 0.57   | cps   |
| Indium     | 115-2 | 2477264  | 2473764  | 2509808  | 2486945  | 0.80   | cps   |
| Iron       | 56-2  | 94781    | 89360    | 85373    | 89838    | 5.26   | cps   |
| Iron       | 57-2  | 3078     | 3412     | 3134     | 3208     | 5.58   | cps   |
| Lead       | 206-1 | 24017    | 23154    | 22820    | 23330    | 2.65   | cps   |
| Lead       | 207-1 | 19565    | 18825    | 19387    | 19259    | 2.01   | cps   |
| Lead       | 208-1 | 92293    | 88204    | 89280    | 89926    | 2.36   | cps   |
| Lithium    | 6-1   | 1964459  | 1918574  | 1944640  | 1942558  | 1.18   | cps   |
| Magnesium  | 24-2  | 430789   | 429838   | 428218   | 429615   | 0.30   | cps   |
| Manganese  | 55-2  | 40980    | 41916    | 40215    | 41037    | 2.08   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-11-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:51:50   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 975      | 892      | 875      | 914      | 5.86   | cps   |
| Molybdenum | 95-1  | 358      | 400      | 458      | 406      | 12.39  | cps   |
| Molybdenum | 96-1  | 492      | 625      | 567      | 561      | 11.91  | cps   |
| Molybdenum | 97-1  | 358      | 367      | 342      | 356      | 3.58   | cps   |
| Molybdenum | 98-1  | 783      | 683      | 575      | 681      | 15.31  | cps   |
| Neodymium  | 150-1 | 40       | 93       | 47       | 60       | 48.43  | cps   |
| Neodymium  | 150-2 | 20       | 37       | 27       | 28       | 30.20  | cps   |
| Nickel     | 60-2  | 39413    | 40051    | 39858    | 39774    | 0.82   | cps   |
| Phosphorus | 31-2  | 5593     | 5334     | 5435     | 5454     | 2.39   | cps   |
| Potassium  | 39-2  | 244184   | 242329   | 243345   | 243286   | 0.38   | cps   |
| Rhodium    | 103-1 | 10477231 | 10372671 | 10238670 | 10362857 | 1.15   | cps   |
| Rhodium    | 103-2 | 5288578  | 5284079  | 5322547  | 5298401  | 0.40   | cps   |
| Scandium   | 45-1  | 7474173  | 7424531  | 7412863  | 7437189  | 0.44   | cps   |
| Scandium   | 45-2  | 396334   | 398172   | 402568   | 399025   | 0.80   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 148      | 100      | 124      | 124      | 19.40  | cps   |
| Selenium   | 82-1  | 202      | 90       | 156      | 150      | 37.46  | cps   |
| Silicon    | 28-1  | 8969123  | 8843825  | 8930922  | 8914623  | 0.72   | cps   |
| Silver     | 109-1 | 342      | 425      | 433      | 400      | 12.67  | cps   |
| Silver     | 107-1 | 567      | 558      | 417      | 514      | 16.41  | cps   |
| Sodium     | 23-2  | 6844314  | 6802448  | 6858529  | 6835097  | 0.43   | cps   |
| Strontium  | 86-1  | 80225    | 81574    | 79855    | 80551    | 1.12   | cps   |
| Strontium  | 88-1  | 704774   | 703780   | 697267   | 701940   | 0.58   | cps   |
| Sulfur     | 34-1  | 783844   | 783168   | 772707   | 779906   | 0.80   | cps   |
| Terbium    | 159-1 | 13981242 | 13934611 | 13624704 | 13846852 | 1.40   | cps   |
| Terbium    | 159-2 | 7444170  | 7527781  | 7454407  | 7475453  | 0.61   | cps   |
| Thallium   | 203-1 | 317      | 325      | 233      | 292      | 17.38  | cps   |
| Thallium   | 205-1 | 733      | 775      | 733      | 747      | 3.22   | cps   |
| Tin        | 118-1 | 10154    | 10521    | 10980    | 10552    | 3.92   | cps   |
| Titanium   | 47-1  | 1233     | 917      | 1367     | 1172     | 19.73  | cps   |
| Uranium    | 238-1 | 292      | 492      | 400      | 394      | 25.38  | cps   |
| Vanadium   | 51-2  | 223      | 227      | 227      | 226      | 0.85   | cps   |
| Yttrium    | 89-1  | 11738116 | 11670461 | 11532259 | 11646945 | 0.90   | cps   |
| Yttrium    | 89-2  | 1992195  | 2006423  | 2007018  | 2001879  | 0.42   | cps   |
| Zinc       | 66-2  | 244907   | 242751   | 246289   | 244649   | 0.73   | cps   |
| Zirconium  | 90-1  | 2042     | 2317     | 2225     | 2195     | 6.38   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-11-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:51:50   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 450  | 533  | 542  | 508     | 9.97   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-12 Instrumnet Name : P7  
 Client Sample ID : DC1849-12-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:55:15 DataFile Name : 034SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1759     | 1483     | 2797     | 2013     | 34.42  | cps   |
| Antimony   | 121-1 | 975      | 1075     | 925      | 992      | 7.70   | cps   |
| Arsenic    | 75-2  | 194      | 178      | 207      | 193      | 7.69   | cps   |
| Barium     | 135-1 | 55913    | 54726    | 54558    | 55065    | 1.34   | cps   |
| Barium     | 137-1 | 94337    | 95695    | 93027    | 94353    | 1.41   | cps   |
| Beryllium  | 9-1   | 56       | 67       | 67       | 63       | 10.19  | cps   |
| Bismuth    | 209-1 | 8625109  | 8612261  | 8512306  | 8583225  | 0.72   | cps   |
| Bismuth    | 209-2 | 5793825  | 5798116  | 5776844  | 5789595  | 0.19   | cps   |
| Boron      | 10-1  | 2192     | 1984     | 1884     | 2020     | 7.79   | cps   |
| Boron      | 11-1  | 10379    | 9995     | 10045    | 10140    | 2.06   | cps   |
| Cadmium    | 111-1 | 2656     | 2517     | 2665     | 2613     | 3.18   | cps   |
| Cadmium    | 106-1 | 3776     | 3584     | 3784     | 3715     | 3.05   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 25       | 18       | 35.25  | cps   |
| Calcium    | 43-1  | 244141   | 239061   | 240769   | 241323   | 1.07   | cps   |
| Calcium    | 44-1  | 4022628  | 3993768  | 3993626  | 4003341  | 0.42   | cps   |
| Chromium   | 52-2  | 1830     | 1750     | 1857     | 1812     | 3.06   | cps   |
| Cobalt     | 59-2  | 187      | 187      | 147      | 173      | 13.32  | cps   |
| Copper     | 63-2  | 581328   | 579472   | 581222   | 580674   | 0.18   | cps   |
| Dysprosium | 156-1 | 42       | 75       | 67       | 61       | 28.38  | cps   |
| Dysprosium | 156-2 | 23       | 13       | 47       | 28       | 61.59  | cps   |
| Erbium     | 164-1 | 125      | 150      | 92       | 122      | 23.95  | cps   |
| Erbium     | 164-2 | 70       | 57       | 43       | 57       | 23.53  | cps   |
| Gadolinium | 160-1 | 167      | 258      | 225      | 217      | 21.41  | cps   |
| Gadolinium | 160-2 | 177      | 180      | 207      | 188      | 8.76   | cps   |
| Holmium    | 165-1 | 13247690 | 13330678 | 13432422 | 13336930 | 0.69   | cps   |
| Holmium    | 165-2 | 7476075  | 7441308  | 7548848  | 7488744  | 0.73   | cps   |
| Indium     | 115-1 | 11014994 | 10999019 | 10980175 | 10998063 | 0.16   | cps   |
| Indium     | 115-2 | 2466241  | 2459762  | 2456165  | 2460723  | 0.21   | cps   |
| Iron       | 56-2  | 117147   | 111945   | 111558   | 113550   | 2.75   | cps   |
| Iron       | 57-2  | 4335     | 3817     | 3628     | 3927     | 9.31   | cps   |
| Lead       | 206-1 | 5179     | 5123     | 5051     | 5118     | 1.25   | cps   |
| Lead       | 207-1 | 4212     | 4418     | 4418     | 4349     | 2.73   | cps   |
| Lead       | 208-1 | 20701    | 20140    | 20229    | 20357    | 1.48   | cps   |
| Lithium    | 6-1   | 1976878  | 1961401  | 1959320  | 1965866  | 0.49   | cps   |
| Magnesium  | 24-2  | 431336   | 428474   | 426489   | 428766   | 0.57   | cps   |
| Manganese  | 55-2  | 34304    | 35022    | 34601    | 34642    | 1.04   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-12-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:55:15   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1033     | 833      | 892      | 920      | 11.19  | cps   |
| Molybdenum | 95-1  | 408      | 267      | 342      | 339      | 20.91  | cps   |
| Molybdenum | 96-1  | 417      | 525      | 500      | 481      | 11.80  | cps   |
| Molybdenum | 97-1  | 300      | 383      | 300      | 328      | 14.68  | cps   |
| Molybdenum | 98-1  | 592      | 558      | 575      | 575      | 2.90   | cps   |
| Neodymium  | 150-1 | 107      | 67       | 60       | 78       | 32.45  | cps   |
| Neodymium  | 150-2 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Nickel     | 60-2  | 1390     | 1557     | 1510     | 1486     | 5.79   | cps   |
| Phosphorus | 31-2  | 7536     | 7419     | 7686     | 7547     | 1.77   | cps   |
| Potassium  | 39-2  | 244492   | 244016   | 246542   | 245016   | 0.55   | cps   |
| Rhodium    | 103-1 | 10422414 | 10333583 | 10298325 | 10351441 | 0.62   | cps   |
| Rhodium    | 103-2 | 5238924  | 5226103  | 5223467  | 5229498  | 0.16   | cps   |
| Scandium   | 45-1  | 7421940  | 7428686  | 7468701  | 7439776  | 0.34   | cps   |
| Scandium   | 45-2  | 396401   | 397568   | 397449   | 397139   | 0.16   | cps   |
| Selenium   | 77-2  | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 119      | 109      | 104      | 110      | 6.77   | cps   |
| Selenium   | 82-1  | 163      | 173      | 223      | 186      | 17.12  | cps   |
| Silicon    | 28-1  | 9057007  | 9224949  | 8748217  | 9010058  | 2.68   | cps   |
| Silver     | 109-1 | 183      | 233      | 267      | 228      | 18.41  | cps   |
| Silver     | 107-1 | 208      | 292      | 192      | 231      | 23.24  | cps   |
| Sodium     | 23-2  | 6852482  | 6827399  | 6852409  | 6844097  | 0.21   | cps   |
| Strontium  | 86-1  | 85982    | 85412    | 85236    | 85544    | 0.46   | cps   |
| Strontium  | 88-1  | 735340   | 723838   | 722565   | 727248   | 0.97   | cps   |
| Sulfur     | 34-1  | 773914   | 766833   | 779520   | 773423   | 0.82   | cps   |
| Terbium    | 159-1 | 13989034 | 13894531 | 13710380 | 13864648 | 1.02   | cps   |
| Terbium    | 159-2 | 7431894  | 7462832  | 7504090  | 7466272  | 0.49   | cps   |
| Thallium   | 203-1 | 258      | 217      | 275      | 250      | 12.02  | cps   |
| Thallium   | 205-1 | 658      | 600      | 633      | 631      | 4.64   | cps   |
| Tin        | 118-1 | 975      | 950      | 808      | 911      | 9.87   | cps   |
| Titanium   | 47-1  | 1233     | 1125     | 1267     | 1208     | 6.13   | cps   |
| Uranium    | 238-1 | 533      | 583      | 558      | 558      | 4.48   | cps   |
| Vanadium   | 51-2  | 230      | 367      | 260      | 286      | 25.15  | cps   |
| Yttrium    | 89-1  | 11594414 | 11588097 | 11598721 | 11593744 | 0.05   | cps   |
| Yttrium    | 89-2  | 1983521  | 1987732  | 1986725  | 1985993  | 0.11   | cps   |
| Zinc       | 66-2  | 12419    | 12442    | 12495    | 12452    | 0.32   | cps   |
| Zirconium  | 90-1  | 2092     | 2350     | 2067     | 2170     | 7.23   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-12-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:55:15   | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 550  | 383  | 467     | 17.86  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-13 Instrumnet Name : P7  
 Client Sample ID : DC1849-13-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 17:58:41 DataFile Name : 035SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 900      | 883      | 1025     | 936      | 8.27   | cps   |
| Antimony   | 121-1 | 1600     | 1825     | 1500     | 1642     | 10.14  | cps   |
| Arsenic    | 75-2  | 163      | 161      | 157      | 160      | 1.76   | cps   |
| Barium     | 135-1 | 61420    | 60256    | 59277    | 60318    | 1.78   | cps   |
| Barium     | 137-1 | 108136   | 105355   | 103317   | 105603   | 2.29   | cps   |
| Beryllium  | 9-1   | 89       | 78       | 78       | 81       | 7.87   | cps   |
| Bismuth    | 209-1 | 8428022  | 8423727  | 8377148  | 8409632  | 0.34   | cps   |
| Bismuth    | 209-2 | 5705592  | 5700580  | 5993102  | 5799758  | 2.89   | cps   |
| Boron      | 10-1  | 2067     | 2050     | 2167     | 2095     | 3.01   | cps   |
| Boron      | 11-1  | 10371    | 10020    | 11163    | 10518    | 5.57   | cps   |
| Cadmium    | 111-1 | 2804     | 2932     | 2842     | 2859     | 2.30   | cps   |
| Cadmium    | 106-1 | 3651     | 3792     | 3784     | 3742     | 2.12   | cps   |
| Cadmium    | 108-1 | 38       | 50       | 46       | 44       | 14.32  | cps   |
| Calcium    | 43-1  | 230503   | 227913   | 234217   | 230878   | 1.37   | cps   |
| Calcium    | 44-1  | 3875452  | 3789165  | 3810897  | 3825171  | 1.17   | cps   |
| Chromium   | 52-2  | 1984     | 1790     | 1750     | 1841     | 6.78   | cps   |
| Cobalt     | 59-2  | 707      | 683      | 597      | 662      | 8.75   | cps   |
| Copper     | 63-2  | 1409927  | 1403565  | 1396921  | 1403471  | 0.46   | cps   |
| Dysprosium | 156-1 | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Dysprosium | 156-2 | 20       | 20       | 27       | 22       | 17.33  | cps   |
| Erbium     | 164-1 | 83       | 67       | 25       | 58       | 51.51  | cps   |
| Erbium     | 164-2 | 40       | 33       | 30       | 34       | 14.78  | cps   |
| Gadolinium | 160-1 | 175      | 108      | 242      | 175      | 38.09  | cps   |
| Gadolinium | 160-2 | 140      | 137      | 133      | 137      | 2.44   | cps   |
| Holmium    | 165-1 | 13196867 | 13039295 | 13001660 | 13079274 | 0.79   | cps   |
| Holmium    | 165-2 | 7415222  | 7402993  | 7595969  | 7471395  | 1.45   | cps   |
| Indium     | 115-1 | 10762765 | 10703811 | 10642788 | 10703121 | 0.56   | cps   |
| Indium     | 115-2 | 2426515  | 2438754  | 2509606  | 2458292  | 1.82   | cps   |
| Iron       | 56-2  | 72708    | 65023    | 62681    | 66804    | 7.85   | cps   |
| Iron       | 57-2  | 2567     | 2445     | 2467     | 2493     | 2.61   | cps   |
| Lead       | 206-1 | 12317    | 11572    | 11461    | 11783    | 3.95   | cps   |
| Lead       | 207-1 | 10076    | 9682     | 9765     | 9841     | 2.11   | cps   |
| Lead       | 208-1 | 46043    | 45387    | 44914    | 45448    | 1.25   | cps   |
| Lithium    | 6-1   | 1939554  | 1917154  | 1903610  | 1920106  | 0.95   | cps   |
| Magnesium  | 24-2  | 431008   | 430321   | 429265   | 430198   | 0.20   | cps   |
| Manganese  | 55-2  | 23739    | 22651    | 23235    | 23208    | 2.35   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-13-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:58:41   | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1050     | 942      | 858      | 950      | 10.12  | cps   |
| Molybdenum | 95-1  | 367      | 308      | 342      | 339      | 8.64   | cps   |
| Molybdenum | 96-1  | 492      | 533      | 333      | 453      | 23.31  | cps   |
| Molybdenum | 97-1  | 325      | 358      | 325      | 336      | 5.73   | cps   |
| Molybdenum | 98-1  | 525      | 558      | 650      | 578      | 11.20  | cps   |
| Neodymium  | 150-1 | 40       | 40       | 33       | 38       | 10.19  | cps   |
| Neodymium  | 150-2 | 17       | 13       | 7        | 12       | 41.65  | cps   |
| Nickel     | 60-2  | 106469   | 105835   | 106359   | 106221   | 0.32   | cps   |
| Phosphorus | 31-2  | 5076     | 4884     | 4743     | 4901     | 3.41   | cps   |
| Potassium  | 39-2  | 260064   | 257759   | 257030   | 258284   | 0.61   | cps   |
| Rhodium    | 103-1 | 10239576 | 10135443 | 10078314 | 10151111 | 0.81   | cps   |
| Rhodium    | 103-2 | 5164608  | 5155869  | 5322817  | 5214431  | 1.80   | cps   |
| Scandium   | 45-1  | 7385857  | 7278799  | 7230655  | 7298437  | 1.09   | cps   |
| Scandium   | 45-2  | 391572   | 389971   | 409556   | 397033   | 2.74   | cps   |
| Selenium   | 77-2  | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Selenium   | 78-2  | 143      | 163      | 139      | 148      | 8.75   | cps   |
| Selenium   | 82-1  | 100      | 89       | 302      | 164      | 73.13  | cps   |
| Silicon    | 28-1  | 9422733  | 9273144  | 9293170  | 9329682  | 0.87   | cps   |
| Silver     | 109-1 | 400      | 475      | 500      | 458      | 11.36  | cps   |
| Silver     | 107-1 | 492      | 492      | 600      | 528      | 11.85  | cps   |
| Sodium     | 23-2  | 6934020  | 6905511  | 6844366  | 6894632  | 0.66   | cps   |
| Strontium  | 86-1  | 83267    | 83023    | 82009    | 82766    | 0.81   | cps   |
| Strontium  | 88-1  | 724015   | 707517   | 703091   | 711541   | 1.55   | cps   |
| Sulfur     | 34-1  | 788124   | 783678   | 785558   | 785787   | 0.28   | cps   |
| Terbium    | 159-1 | 13652666 | 13529672 | 13506448 | 13562929 | 0.58   | cps   |
| Terbium    | 159-2 | 7388539  | 7311560  | 7639316  | 7446472  | 2.30   | cps   |
| Thallium   | 203-1 | 308      | 258      | 208      | 258      | 19.35  | cps   |
| Thallium   | 205-1 | 825      | 500      | 592      | 639      | 26.23  | cps   |
| Tin        | 118-1 | 950      | 750      | 1150     | 950      | 21.05  | cps   |
| Titanium   | 47-1  | 1050     | 925      | 958      | 978      | 6.62   | cps   |
| Uranium    | 238-1 | 292      | 225      | 400      | 306      | 28.91  | cps   |
| Vanadium   | 51-2  | 260      | 220      | 247      | 242      | 8.41   | cps   |
| Yttrium    | 89-1  | 11477151 | 11256257 | 11343457 | 11358955 | 0.98   | cps   |
| Yttrium    | 89-2  | 1965123  | 1955622  | 1999862  | 1973536  | 1.18   | cps   |
| Zinc       | 66-2  | 324645   | 323017   | 323653   | 323772   | 0.25   | cps   |
| Zirconium  | 90-1  | 2025     | 1984     | 1867     | 1959     | 4.19   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-13-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 17:58:41   | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 308  | 400  | 383     | 17.79  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-14 Instrumnet Name : P7  
 Client Sample ID : DC1849-14-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:02:11 DataFile Name : 036SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1183     | 1308     | 1008     | 1167     | 12.92  | cps   |
| Antimony   | 121-1 | 833      | 842      | 808      | 828      | 2.10   | cps   |
| Arsenic    | 75-2  | 194      | 217      | 191      | 201      | 6.99   | cps   |
| Barium     | 135-1 | 54199    | 55035    | 53328    | 54187    | 1.57   | cps   |
| Barium     | 137-1 | 93321    | 92491    | 93071    | 92961    | 0.46   | cps   |
| Beryllium  | 9-1   | 61       | 50       | 94       | 69       | 33.76  | cps   |
| Bismuth    | 209-1 | 8701141  | 8844168  | 8655124  | 8733478  | 1.13   | cps   |
| Bismuth    | 209-2 | 5722862  | 5761594  | 5787081  | 5757179  | 0.56   | cps   |
| Boron      | 10-1  | 2084     | 2042     | 2109     | 2078     | 1.62   | cps   |
| Boron      | 11-1  | 10004    | 10538    | 9904     | 10148    | 3.36   | cps   |
| Cadmium    | 111-1 | 2962     | 2681     | 2756     | 2800     | 5.20   | cps   |
| Cadmium    | 106-1 | 4167     | 3792     | 3901     | 3953     | 4.88   | cps   |
| Cadmium    | 108-1 | 25       | 4        | 17       | 15       | 68.61  | cps   |
| Calcium    | 43-1  | 242939   | 240652   | 240865   | 241485   | 0.52   | cps   |
| Calcium    | 44-1  | 4034411  | 4002511  | 3994210  | 4010377  | 0.53   | cps   |
| Chromium   | 52-2  | 1937     | 1914     | 1853     | 1901     | 2.26   | cps   |
| Cobalt     | 59-2  | 170      | 217      | 190      | 192      | 12.18  | cps   |
| Copper     | 63-2  | 548161   | 549331   | 553178   | 550223   | 0.48   | cps   |
| Dysprosium | 156-1 | 100      | 75       | 50       | 75       | 33.33  | cps   |
| Dysprosium | 156-2 | 20       | 33       | 47       | 33       | 40.01  | cps   |
| Erbium     | 164-1 | 117      | 83       | 117      | 106      | 18.23  | cps   |
| Erbium     | 164-2 | 43       | 53       | 63       | 53       | 18.75  | cps   |
| Gadolinium | 160-1 | 158      | 142      | 225      | 175      | 25.20  | cps   |
| Gadolinium | 160-2 | 240      | 153      | 153      | 182      | 27.46  | cps   |
| Holmium    | 165-1 | 13596269 | 13296592 | 13224114 | 13372325 | 1.48   | cps   |
| Holmium    | 165-2 | 7440099  | 7464757  | 7503493  | 7469450  | 0.43   | cps   |
| Indium     | 115-1 | 11126655 | 10941126 | 10879033 | 10982271 | 1.17   | cps   |
| Indium     | 115-2 | 2456818  | 2445330  | 2473212  | 2458453  | 0.57   | cps   |
| Iron       | 56-2  | 107415   | 108054   | 106776   | 107415   | 0.60   | cps   |
| Iron       | 57-2  | 3656     | 3334     | 3417     | 3469     | 4.82   | cps   |
| Lead       | 206-1 | 3701     | 3795     | 3706     | 3734     | 1.42   | cps   |
| Lead       | 207-1 | 3306     | 3034     | 3356     | 3232     | 5.37   | cps   |
| Lead       | 208-1 | 14642    | 13953    | 14937    | 14511    | 3.48   | cps   |
| Lithium    | 6-1   | 1988761  | 1982810  | 1956280  | 1975950  | 0.88   | cps   |
| Magnesium  | 24-2  | 422519   | 422691   | 423499   | 422903   | 0.12   | cps   |
| Manganese  | 55-2  | 30425    | 30762    | 30502    | 30563    | 0.58   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-14-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:02:11   | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 967      | 842      | 942      | 917      | 7.22   | cps   |
| Molybdenum | 95-1  | 350      | 483      | 350      | 394      | 19.52  | cps   |
| Molybdenum | 96-1  | 442      | 517      | 575      | 511      | 13.08  | cps   |
| Molybdenum | 97-1  | 408      | 383      | 258      | 350      | 22.96  | cps   |
| Molybdenum | 98-1  | 617      | 558      | 483      | 553      | 12.09  | cps   |
| Neodymium  | 150-1 | 33       | 73       | 47       | 51       | 39.86  | cps   |
| Neodymium  | 150-2 | 17       | 17       | 30       | 21       | 36.45  | cps   |
| Nickel     | 60-2  | 4691     | 4974     | 5001     | 4889     | 3.52   | cps   |
| Phosphorus | 31-2  | 7002     | 7444     | 7427     | 7291     | 3.44   | cps   |
| Potassium  | 39-2  | 243372   | 241795   | 241710   | 242292   | 0.39   | cps   |
| Rhodium    | 103-1 | 10532629 | 10421304 | 10293975 | 10415969 | 1.15   | cps   |
| Rhodium    | 103-2 | 5211768  | 5204770  | 5297932  | 5238157  | 0.99   | cps   |
| Scandium   | 45-1  | 7529676  | 7547242  | 7465852  | 7514257  | 0.57   | cps   |
| Scandium   | 45-2  | 395070   | 397113   | 401426   | 397870   | 0.82   | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 128      | 143      | 122      | 131      | 8.05   | cps   |
| Selenium   | 82-1  | 241      | 171      | 155      | 189      | 24.37  | cps   |
| Silicon    | 28-1  | 8908717  | 9086918  | 8744967  | 8913534  | 1.92   | cps   |
| Silver     | 109-1 | 208      | 242      | 175      | 208      | 16.00  | cps   |
| Silver     | 107-1 | 300      | 233      | 258      | 264      | 12.76  | cps   |
| Sodium     | 23-2  | 6788131  | 6801840  | 6849262  | 6813078  | 0.47   | cps   |
| Strontium  | 86-1  | 84523    | 84306    | 83610    | 84146    | 0.57   | cps   |
| Strontium  | 88-1  | 731358   | 718515   | 725401   | 725091   | 0.89   | cps   |
| Sulfur     | 34-1  | 790989   | 782200   | 779175   | 784121   | 0.78   | cps   |
| Terbium    | 159-1 | 13977174 | 13952914 | 13855529 | 13928539 | 0.46   | cps   |
| Terbium    | 159-2 | 7509643  | 7426627  | 7533455  | 7489908  | 0.75   | cps   |
| Thallium   | 203-1 | 225      | 267      | 175      | 222      | 20.65  | cps   |
| Thallium   | 205-1 | 542      | 742      | 667      | 650      | 15.54  | cps   |
| Tin        | 118-1 | 967      | 675      | 825      | 822      | 17.74  | cps   |
| Titanium   | 47-1  | 1167     | 1142     | 1042     | 1117     | 5.92   | cps   |
| Uranium    | 238-1 | 575      | 500      | 558      | 544      | 7.23   | cps   |
| Vanadium   | 51-2  | 270      | 317      | 350      | 312      | 12.87  | cps   |
| Yttrium    | 89-1  | 11806828 | 11547093 | 11606143 | 11653355 | 1.17   | cps   |
| Yttrium    | 89-2  | 1972105  | 1974396  | 2000452  | 1982317  | 0.79   | cps   |
| Zinc       | 66-2  | 23382    | 23185    | 23663    | 23410    | 1.03   | cps   |
| Zirconium  | 90-1  | 2134     | 1850     | 1967     | 1984     | 7.18   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-14-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:02:11   | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 542  | 450  | 425  | 472     | 13.01  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-15 Instrumnet Name : P7  
 Client Sample ID : DC1849-15-FL1-BRS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:05:36 DataFile Name : 037SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1700     | 1559     | 1217     | 1492     | 16.66  | cps   |
| Antimony   | 121-1 | 1158     | 900      | 1075     | 1045     | 12.62  | cps   |
| Arsenic    | 75-2  | 206      | 185      | 211      | 201      | 6.80   | cps   |
| Barium     | 135-1 | 58165    | 58691    | 57186    | 58014    | 1.32   | cps   |
| Barium     | 137-1 | 102260   | 102703   | 98624    | 101195   | 2.21   | cps   |
| Beryllium  | 9-1   | 94       | 56       | 56       | 69       | 32.77  | cps   |
| Bismuth    | 209-1 | 8633509  | 8581080  | 8492489  | 8569026  | 0.83   | cps   |
| Bismuth    | 209-2 | 5777828  | 5802358  | 5899363  | 5826516  | 1.10   | cps   |
| Boron      | 10-1  | 1892     | 1875     | 2034     | 1934     | 4.50   | cps   |
| Boron      | 11-1  | 9795     | 9904     | 9695     | 9798     | 1.06   | cps   |
| Cadmium    | 111-1 | 2875     | 2785     | 2784     | 2814     | 1.86   | cps   |
| Cadmium    | 106-1 | 3909     | 3809     | 3817     | 3845     | 1.44   | cps   |
| Cadmium    | 108-1 | 17       | 33       | 25       | 25       | 33.32  | cps   |
| Calcium    | 43-1  | 244916   | 241660   | 241051   | 242542   | 0.86   | cps   |
| Calcium    | 44-1  | 4058079  | 4003228  | 4035927  | 4032411  | 0.68   | cps   |
| Chromium   | 52-2  | 1703     | 1693     | 1823     | 1740     | 4.16   | cps   |
| Cobalt     | 59-2  | 167      | 167      | 160      | 164      | 2.34   | cps   |
| Copper     | 63-2  | 919684   | 915234   | 914338   | 916418   | 0.31   | cps   |
| Dysprosium | 156-1 | 42       | 75       | 92       | 69       | 36.66  | cps   |
| Dysprosium | 156-2 | 27       | 23       | 53       | 34       | 47.73  | cps   |
| Erbium     | 164-1 | 92       | 125      | 58       | 92       | 36.36  | cps   |
| Erbium     | 164-2 | 37       | 37       | 70       | 48       | 40.27  | cps   |
| Gadolinium | 160-1 | 275      | 142      | 150      | 189      | 39.54  | cps   |
| Gadolinium | 160-2 | 180      | 173      | 163      | 172      | 4.87   | cps   |
| Holmium    | 165-1 | 13383021 | 13291154 | 13185122 | 13286433 | 0.75   | cps   |
| Holmium    | 165-2 | 7582997  | 7499772  | 7621119  | 7567963  | 0.82   | cps   |
| Indium     | 115-1 | 11057635 | 10902029 | 10848923 | 10936195 | 0.99   | cps   |
| Indium     | 115-2 | 2480734  | 2478528  | 2486702  | 2481988  | 0.17   | cps   |
| Iron       | 56-2  | 65246    | 72541    | 66377    | 68054    | 5.77   | cps   |
| Iron       | 57-2  | 2678     | 2445     | 2757     | 2626     | 6.18   | cps   |
| Lead       | 206-1 | 9281     | 9765     | 9454     | 9500     | 2.58   | cps   |
| Lead       | 207-1 | 7925     | 7969     | 8292     | 8062     | 2.48   | cps   |
| Lead       | 208-1 | 36816    | 37043    | 36804    | 36888    | 0.37   | cps   |
| Lithium    | 6-1   | 1957740  | 1963653  | 1945117  | 1955504  | 0.48   | cps   |
| Magnesium  | 24-2  | 431471   | 429423   | 430891   | 430595   | 0.25   | cps   |
| Manganese  | 55-2  | 25118    | 25412    | 25877    | 25469    | 1.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-15-FL1-BRS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:05:36  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 967      | 842      | 775      | 861      | 11.30  | cps   |
| Molybdenum | 95-1  | 375      | 325      | 450      | 383      | 16.41  | cps   |
| Molybdenum | 96-1  | 408      | 575      | 517      | 500      | 16.92  | cps   |
| Molybdenum | 97-1  | 342      | 417      | 217      | 325      | 31.09  | cps   |
| Molybdenum | 98-1  | 517      | 550      | 492      | 519      | 5.63   | cps   |
| Neodymium  | 150-1 | 40       | 60       | 87       | 62       | 37.63  | cps   |
| Neodymium  | 150-2 | 40       | 20       | 13       | 24       | 56.78  | cps   |
| Nickel     | 60-2  | 2007     | 1927     | 1944     | 1959     | 2.15   | cps   |
| Phosphorus | 31-2  | 7544     | 7552     | 7652     | 7583     | 0.80   | cps   |
| Potassium  | 39-2  | 240764   | 244134   | 244786   | 243228   | 0.89   | cps   |
| Rhodium    | 103-1 | 10448269 | 10249580 | 10346704 | 10348184 | 0.96   | cps   |
| Rhodium    | 103-2 | 5297966  | 5281653  | 5282172  | 5287264  | 0.18   | cps   |
| Scandium   | 45-1  | 7401833  | 7359997  | 7358730  | 7373520  | 0.33   | cps   |
| Scandium   | 45-2  | 397483   | 396288   | 399028   | 397600   | 0.35   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 128      | 122      | 135      | 128      | 5.07   | cps   |
| Selenium   | 82-1  | 258      | 215      | 260      | 244      | 10.34  | cps   |
| Silicon    | 28-1  | 9048625  | 8755177  | 8832280  | 8878694  | 1.71   | cps   |
| Silver     | 109-1 | 258      | 267      | 250      | 258      | 3.23   | cps   |
| Silver     | 107-1 | 342      | 342      | 308      | 331      | 5.82   | cps   |
| Sodium     | 23-2  | 6728838  | 6746711  | 6732110  | 6735886  | 0.14   | cps   |
| Strontium  | 86-1  | 84096    | 81657    | 84071    | 83275    | 1.68   | cps   |
| Strontium  | 88-1  | 730968   | 722886   | 722649   | 725501   | 0.65   | cps   |
| Sulfur     | 34-1  | 777901   | 773145   | 767483   | 772843   | 0.67   | cps   |
| Terbium    | 159-1 | 13980843 | 13794966 | 13846076 | 13873961 | 0.69   | cps   |
| Terbium    | 159-2 | 7514468  | 7541743  | 7506452  | 7520888  | 0.25   | cps   |
| Thallium   | 203-1 | 242      | 267      | 217      | 242      | 10.34  | cps   |
| Thallium   | 205-1 | 750      | 600      | 675      | 675      | 11.11  | cps   |
| Tin        | 118-1 | 708      | 692      | 650      | 683      | 4.40   | cps   |
| Titanium   | 47-1  | 1167     | 1308     | 1744     | 1406     | 21.38  | cps   |
| Uranium    | 238-1 | 292      | 358      | 450      | 367      | 21.68  | cps   |
| Vanadium   | 51-2  | 237      | 277      | 240      | 251      | 8.84   | cps   |
| Yttrium    | 89-1  | 11669269 | 11497321 | 11445116 | 11537235 | 1.02   | cps   |
| Yttrium    | 89-2  | 1998840  | 2015007  | 2001077  | 2004975  | 0.44   | cps   |
| Zinc       | 66-2  | 74372    | 74435    | 74375    | 74394    | 0.05   | cps   |
| Zirconium  | 90-1  | 1825     | 1917     | 1817     | 1853     | 3.00   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-15-FL1-BRS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:05:36  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 500  | 467  | 417  | 461     | 9.10   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-16-FL1-BRS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:09:02  | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1117     | 1592     | 1459     | 1389     | 17.65  | cps   |
| Antimony   | 121-1 | 858      | 775      | 775      | 803      | 5.99   | cps   |
| Arsenic    | 75-2  | 180      | 206      | 193      | 193      | 6.73   | cps   |
| Barium     | 135-1 | 54516    | 54073    | 54391    | 54327    | 0.42   | cps   |
| Barium     | 137-1 | 93716    | 93783    | 94554    | 94018    | 0.50   | cps   |
| Beryllium  | 9-1   | 72       | 44       | 61       | 59       | 23.59  | cps   |
| Bismuth    | 209-1 | 8493358  | 8442964  | 8460645  | 8465656  | 0.30   | cps   |
| Bismuth    | 209-2 | 5752610  | 5769468  | 5780365  | 5767481  | 0.24   | cps   |
| Boron      | 10-1  | 1967     | 1900     | 1959     | 1942     | 1.87   | cps   |
| Boron      | 11-1  | 9520     | 9111     | 9428     | 9353     | 2.29   | cps   |
| Cadmium    | 111-1 | 2909     | 2785     | 2751     | 2815     | 2.96   | cps   |
| Cadmium    | 106-1 | 4142     | 3959     | 3884     | 3995     | 3.33   | cps   |
| Cadmium    | 108-1 | 4        | 4        | 25       | 11       | 108.21 | cps   |
| Calcium    | 43-1  | 235785   | 232476   | 234421   | 234227   | 0.71   | cps   |
| Calcium    | 44-1  | 3886464  | 3859742  | 3901565  | 3882590  | 0.55   | cps   |
| Chromium   | 52-2  | 1897     | 1880     | 1900     | 1892     | 0.57   | cps   |
| Cobalt     | 59-2  | 237      | 167      | 197      | 200      | 17.56  | cps   |
| Copper     | 63-2  | 736730   | 731672   | 740628   | 736343   | 0.61   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 50       | 67       | 25.00  | cps   |
| Dysprosium | 156-2 | 40       | 33       | 43       | 39       | 13.09  | cps   |
| Erbium     | 164-1 | 133      | 150      | 108      | 131      | 16.06  | cps   |
| Erbium     | 164-2 | 53       | 47       | 63       | 54       | 15.40  | cps   |
| Gadolinium | 160-1 | 125      | 217      | 233      | 192      | 30.43  | cps   |
| Gadolinium | 160-2 | 183      | 203      | 113      | 167      | 28.35  | cps   |
| Holmium    | 165-1 | 13122651 | 13176970 | 13119459 | 13139693 | 0.25   | cps   |
| Holmium    | 165-2 | 7421903  | 7557755  | 7489979  | 7489879  | 0.91   | cps   |
| Indium     | 115-1 | 10881354 | 10674791 | 10811703 | 10789283 | 0.97   | cps   |
| Indium     | 115-2 | 2445023  | 2441190  | 2450041  | 2445418  | 0.18   | cps   |
| Iron       | 56-2  | 117173   | 80428    | 83006    | 93535    | 21.93  | cps   |
| Iron       | 57-2  | 3079     | 3173     | 2917     | 3056     | 4.23   | cps   |
| Lead       | 206-1 | 4167     | 3539     | 3895     | 3867     | 8.14   | cps   |
| Lead       | 207-1 | 3184     | 3234     | 3312     | 3243     | 1.99   | cps   |
| Lead       | 208-1 | 15076    | 14681    | 15304    | 15020    | 2.10   | cps   |
| Lithium    | 6-1   | 1927042  | 1927385  | 1959646  | 1938025  | 0.97   | cps   |
| Magnesium  | 24-2  | 423174   | 418490   | 423368   | 421677   | 0.65   | cps   |
| Manganese  | 55-2  | 31607    | 31504    | 30976    | 31362    | 1.08   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-16-FL1-BRS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:09:02  | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1259     | 808      | 925      | 998      | 23.46  | cps   |
| Molybdenum | 95-1  | 408      | 392      | 325      | 375      | 11.76  | cps   |
| Molybdenum | 96-1  | 683      | 533      | 425      | 547      | 23.71  | cps   |
| Molybdenum | 97-1  | 325      | 317      | 375      | 339      | 9.31   | cps   |
| Molybdenum | 98-1  | 608      | 467      | 467      | 514      | 15.92  | cps   |
| Neodymium  | 150-1 | 40       | 60       | 53       | 51       | 19.92  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 17       | 23       | 28.56  | cps   |
| Nickel     | 60-2  | 983      | 837      | 987      | 936      | 9.16   | cps   |
| Phosphorus | 31-2  | 7336     | 7219     | 7594     | 7383     | 2.60   | cps   |
| Potassium  | 39-2  | 240984   | 239782   | 241058   | 240608   | 0.30   | cps   |
| Rhodium    | 103-1 | 10206489 | 10128690 | 10192318 | 10175832 | 0.41   | cps   |
| Rhodium    | 103-2 | 5248499  | 5225093  | 5246808  | 5240133  | 0.25   | cps   |
| Scandium   | 45-1  | 7270629  | 7256970  | 7350825  | 7292808  | 0.70   | cps   |
| Scandium   | 45-2  | 394711   | 393238   | 396374   | 394774   | 0.40   | cps   |
| Selenium   | 77-2  | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 128      | 130      | 93       | 117      | 17.89  | cps   |
| Selenium   | 82-1  | 290      | 164      | 104      | 186      | 50.84  | cps   |
| Silicon    | 28-1  | 8585882  | 8413436  | 8664117  | 8554478  | 1.50   | cps   |
| Silver     | 109-1 | 233      | 200      | 167      | 200      | 16.67  | cps   |
| Silver     | 107-1 | 183      | 283      | 258      | 242      | 21.54  | cps   |
| Sodium     | 23-2  | 6776728  | 6670137  | 6751813  | 6732892  | 0.83   | cps   |
| Strontium  | 86-1  | 83610    | 82261    | 80895    | 82255    | 1.65   | cps   |
| Strontium  | 88-1  | 705082   | 699785   | 700287   | 701718   | 0.42   | cps   |
| Sulfur     | 34-1  | 774063   | 770901   | 784229   | 776398   | 0.90   | cps   |
| Terbium    | 159-1 | 13836806 | 13623625 | 13646364 | 13702265 | 0.85   | cps   |
| Terbium    | 159-2 | 7407207  | 7551749  | 7425482  | 7461480  | 1.05   | cps   |
| Thallium   | 203-1 | 308      | 258      | 275      | 281      | 9.07   | cps   |
| Thallium   | 205-1 | 625      | 633      | 633      | 631      | 0.76   | cps   |
| Tin        | 118-1 | 1008     | 908      | 758      | 892      | 14.11  | cps   |
| Titanium   | 47-1  | 1192     | 1142     | 1467     | 1267     | 13.83  | cps   |
| Uranium    | 238-1 | 450      | 500      | 458      | 469      | 5.71   | cps   |
| Vanadium   | 51-2  | 280      | 203      | 270      | 251      | 16.60  | cps   |
| Yttrium    | 89-1  | 11533499 | 11350235 | 11298924 | 11394219 | 1.08   | cps   |
| Yttrium    | 89-2  | 1981301  | 1982021  | 1985782  | 1983034  | 0.12   | cps   |
| Zinc       | 66-2  | 13293    | 13036    | 13019    | 13116    | 1.17   | cps   |
| Zirconium  | 90-1  | 1859     | 1742     | 2025     | 1875     | 7.60   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-16-FL1-BRS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:09:02  | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 483  | 367  | 425  | 425     | 13.73  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-17 Instrumnet Name : P7  
 Client Sample ID : DC1849-17-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:12:26 DataFile Name : 039SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1284     | 1067     | 1142     | 1164     | 9.46   | cps   |
| Antimony   | 121-1 | 2317     | 2392     | 2592     | 2434     | 5.84   | cps   |
| Arsenic    | 75-2  | 180      | 180      | 191      | 183      | 3.50   | cps   |
| Barium     | 135-1 | 57512    | 55503    | 55838    | 56284    | 1.91   | cps   |
| Barium     | 137-1 | 98925    | 98641    | 96719    | 98095    | 1.22   | cps   |
| Beryllium  | 9-1   | 72       | 50       | 78       | 67       | 22.05  | cps   |
| Bismuth    | 209-1 | 8812471  | 8723793  | 8532224  | 8689496  | 1.65   | cps   |
| Bismuth    | 209-2 | 5854535  | 5824909  | 5844353  | 5841266  | 0.26   | cps   |
| Boron      | 10-1  | 1867     | 1867     | 1759     | 1831     | 3.42   | cps   |
| Boron      | 11-1  | 9445     | 9487     | 9337     | 9423     | 0.82   | cps   |
| Cadmium    | 111-1 | 2740     | 2751     | 2711     | 2734     | 0.76   | cps   |
| Cadmium    | 106-1 | 3842     | 3834     | 3809     | 3828     | 0.45   | cps   |
| Cadmium    | 108-1 | 17       | 29       | 38       | 28       | 37.74  | cps   |
| Calcium    | 43-1  | 240114   | 235631   | 235867   | 237204   | 1.06   | cps   |
| Calcium    | 44-1  | 3969961  | 3960284  | 3892158  | 3940801  | 1.08   | cps   |
| Chromium   | 52-2  | 1713     | 1740     | 1717     | 1723     | 0.84   | cps   |
| Cobalt     | 59-2  | 237      | 243      | 193      | 224      | 12.10  | cps   |
| Copper     | 63-2  | 971014   | 969647   | 984293   | 974985   | 0.83   | cps   |
| Dysprosium | 156-1 | 83       | 17       | 50       | 50       | 66.67  | cps   |
| Dysprosium | 156-2 | 30       | 40       | 57       | 42       | 31.91  | cps   |
| Erbium     | 164-1 | 83       | 83       | 100      | 89       | 10.82  | cps   |
| Erbium     | 164-2 | 43       | 70       | 40       | 51       | 32.17  | cps   |
| Gadolinium | 160-1 | 158      | 233      | 200      | 197      | 19.05  | cps   |
| Gadolinium | 160-2 | 143      | 140      | 180      | 154      | 14.37  | cps   |
| Holmium    | 165-1 | 13793995 | 13358977 | 13216764 | 13456579 | 2.23   | cps   |
| Holmium    | 165-2 | 7646923  | 7441848  | 7511790  | 7533521  | 1.38   | cps   |
| Indium     | 115-1 | 11185532 | 11007097 | 10767575 | 10986735 | 1.91   | cps   |
| Indium     | 115-2 | 2458699  | 2469642  | 2474739  | 2467693  | 0.33   | cps   |
| Iron       | 56-2  | 76100    | 81698    | 88430    | 82076    | 7.52   | cps   |
| Iron       | 57-2  | 2484     | 2606     | 2912     | 2667     | 8.27   | cps   |
| Lead       | 206-1 | 35286    | 34206    | 33114    | 34202    | 3.18   | cps   |
| Lead       | 207-1 | 28960    | 28514    | 27640    | 28372    | 2.37   | cps   |
| Lead       | 208-1 | 133912   | 132001   | 129097   | 131670   | 1.84   | cps   |
| Lithium    | 6-1   | 1961225  | 1938801  | 1937272  | 1945766  | 0.69   | cps   |
| Magnesium  | 24-2  | 424463   | 422712   | 431545   | 426240   | 1.10   | cps   |
| Manganese  | 55-2  | 34581    | 33689    | 33943    | 34071    | 1.35   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-17 Instrumnet Name : P7  
 Client Sample ID : DC1849-17-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:12:26 DataFile Name : 039SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 750      | 833      | 778      | 6.19   | cps   |
| Molybdenum | 95-1  | 392      | 300      | 275      | 322      | 19.06  | cps   |
| Molybdenum | 96-1  | 608      | 292      | 467      | 456      | 34.82  | cps   |
| Molybdenum | 97-1  | 300      | 258      | 283      | 281      | 7.48   | cps   |
| Molybdenum | 98-1  | 575      | 608      | 517      | 567      | 8.19   | cps   |
| Neodymium  | 150-1 | 87       | 53       | 13       | 51       | 71.84  | cps   |
| Neodymium  | 150-2 | 7        | 20       | 27       | 18       | 57.27  | cps   |
| Nickel     | 60-2  | 16920    | 16940    | 17230    | 17030    | 1.02   | cps   |
| Phosphorus | 31-2  | 6843     | 7069     | 7094     | 7002     | 1.97   | cps   |
| Potassium  | 39-2  | 240610   | 239011   | 240060   | 239893   | 0.34   | cps   |
| Rhodium    | 103-1 | 10577706 | 10447148 | 10201599 | 10408818 | 1.83   | cps   |
| Rhodium    | 103-2 | 5241932  | 5258254  | 5284827  | 5261671  | 0.41   | cps   |
| Scandium   | 45-1  | 7516010  | 7502492  | 7343292  | 7453931  | 1.29   | cps   |
| Scandium   | 45-2  | 391127   | 393938   | 398666   | 394577   | 0.97   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 135      | 159      | 143      | 146      | 8.46   | cps   |
| Selenium   | 82-1  | 224      | 104      | 72       | 133      | 60.06  | cps   |
| Silicon    | 28-1  | 8843548  | 8719506  | 8678709  | 8747255  | 0.98   | cps   |
| Silver     | 109-1 | 492      | 400      | 458      | 450      | 10.31  | cps   |
| Silver     | 107-1 | 550      | 508      | 392      | 483      | 16.98  | cps   |
| Sodium     | 23-2  | 6762441  | 6793313  | 6790986  | 6782247  | 0.25   | cps   |
| Strontium  | 86-1  | 82520    | 81977    | 81062    | 81853    | 0.90   | cps   |
| Strontium  | 88-1  | 719286   | 713916   | 707312   | 713505   | 0.84   | cps   |
| Sulfur     | 34-1  | 785464   | 787601   | 783035   | 785366   | 0.29   | cps   |
| Terbium    | 159-1 | 14212186 | 13868857 | 13728909 | 13936651 | 1.78   | cps   |
| Terbium    | 159-2 | 7520977  | 7482972  | 7501095  | 7501681  | 0.25   | cps   |
| Thallium   | 203-1 | 233      | 358      | 233      | 275      | 26.24  | cps   |
| Thallium   | 205-1 | 633      | 558      | 608      | 600      | 6.36   | cps   |
| Tin        | 118-1 | 900      | 808      | 800      | 836      | 6.64   | cps   |
| Titanium   | 47-1  | 1167     | 1108     | 1033     | 1103     | 6.06   | cps   |
| Uranium    | 238-1 | 400      | 400      | 458      | 419      | 8.03   | cps   |
| Vanadium   | 51-2  | 243      | 240      | 253      | 246      | 2.83   | cps   |
| Yttrium    | 89-1  | 11811241 | 11609873 | 11554381 | 11658498 | 1.16   | cps   |
| Yttrium    | 89-2  | 1973722  | 1974085  | 1991235  | 1979680  | 0.51   | cps   |
| Zinc       | 66-2  | 98821    | 98908    | 100399   | 99376    | 0.89   | cps   |
| Zirconium  | 90-1  | 1859     | 1759     | 1558     | 1725     | 8.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-17-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:12:26 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6440 | 375  | 525  | 2447    | 141.38 | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:15:51 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 667      | 808      | 725      | 733      | 9.71   | cps   |
| Antimony   | 121-1 | 275      | 308      | 258      | 281      | 9.07   | cps   |
| Arsenic    | 75-2  | 26       | 19       | 24       | 23       | 16.88  | cps   |
| Barium     | 135-1 | 183      | 233      | 175      | 197      | 16.00  | cps   |
| Barium     | 137-1 | 417      | 425      | 392      | 411      | 4.22   | cps   |
| Beryllium  | 9-1   | 78       | 44       | 39       | 54       | 39.16  | cps   |
| Bismuth    | 209-1 | 8105819  | 8041912  | 8115490  | 8087740  | 0.49   | cps   |
| Bismuth    | 209-2 | 5459300  | 5439629  | 5426800  | 5441910  | 0.30   | cps   |
| Boron      | 10-1  | 617      | 725      | 650      | 664      | 8.36   | cps   |
| Boron      | 11-1  | 2734     | 3109     | 2984     | 2942     | 6.49   | cps   |
| Cadmium    | 111-1 | 2375     | 2563     | 2469     | 2469     | 3.79   | cps   |
| Cadmium    | 106-1 | 3392     | 3659     | 3492     | 3514     | 3.83   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 433      | 458      | 408      | 433      | 5.77   | cps   |
| Calcium    | 44-1  | 24246    | 24688    | 24379    | 24438    | 0.93   | cps   |
| Chromium   | 52-2  | 1873     | 1840     | 1897     | 1870     | 1.52   | cps   |
| Cobalt     | 59-2  | 77       | 147      | 90       | 104      | 35.59  | cps   |
| Copper     | 63-2  | 1620     | 1750     | 1597     | 1656     | 4.99   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 10       | 13       | 0        | 8        | 89.21  | cps   |
| Erbium     | 164-1 | 67       | 67       | 42       | 58       | 24.74  | cps   |
| Erbium     | 164-2 | 13       | 17       | 30       | 20       | 44.10  | cps   |
| Gadolinium | 160-1 | 133      | 92       | 167      | 131      | 28.78  | cps   |
| Gadolinium | 160-2 | 157      | 117      | 133      | 136      | 14.82  | cps   |
| Holmium    | 165-1 | 12308118 | 12309442 | 12506191 | 12374583 | 0.92   | cps   |
| Holmium    | 165-2 | 7019448  | 7028798  | 6980627  | 7009624  | 0.36   | cps   |
| Indium     | 115-1 | 10129964 | 10146135 | 10232327 | 10169475 | 0.54   | cps   |
| Indium     | 115-2 | 2334388  | 2315655  | 2306782  | 2318941  | 0.61   | cps   |
| Iron       | 56-2  | 9681     | 9492     | 9742     | 9639     | 1.35   | cps   |
| Iron       | 57-2  | 439      | 489      | 456      | 461      | 5.52   | cps   |
| Lead       | 206-1 | 4947676  | 4931768  | 4939473  | 4939639  | 0.16   | cps   |
| Lead       | 207-1 | 4441077  | 4404006  | 4428576  | 4424553  | 0.43   | cps   |
| Lead       | 208-1 | 20012987 | 19982034 | 20002398 | 19999140 | 0.08   | cps   |
| Lithium    | 6-1   | 1816412  | 1823214  | 1816736  | 1818787  | 0.21   | cps   |
| Magnesium  | 24-2  | 400      | 508      | 417      | 442      | 13.21  | cps   |
| Manganese  | 55-2  | 93       | 103      | 117      | 104      | 11.21  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:15:51 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 258      | 450      | 433      | 381      | 27.90  | cps   |
| Molybdenum | 95-1  | 242      | 267      | 233      | 247      | 7.02   | cps   |
| Molybdenum | 96-1  | 325      | 267      | 300      | 297      | 9.85   | cps   |
| Molybdenum | 97-1  | 183      | 192      | 208      | 194      | 6.55   | cps   |
| Molybdenum | 98-1  | 292      | 308      | 292      | 297      | 3.24   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 93       | 83       | 107      | 94       | 12.39  | cps   |
| Phosphorus | 31-2  | 308      | 267      | 275      | 283      | 7.78   | cps   |
| Potassium  | 39-2  | 66835    | 67891    | 68442    | 67722    | 1.21   | cps   |
| Rhodium    | 103-1 | 9750931  | 9735427  | 9646238  | 9710865  | 0.58   | cps   |
| Rhodium    | 103-2 | 4979708  | 4966485  | 4927553  | 4957915  | 0.55   | cps   |
| Scandium   | 45-1  | 6904859  | 6885174  | 6932119  | 6907384  | 0.34   | cps   |
| Scandium   | 45-2  | 377336   | 375537   | 371739   | 374871   | 0.76   | cps   |
| Selenium   | 77-2  | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 146      | 106      | 124      | 125      | 16.28  | cps   |
| Selenium   | 82-1  | 85       | 236      | 139      | 153      | 50.09  | cps   |
| Silicon    | 28-1  | 677797   | 679081   | 677065   | 677981   | 0.15   | cps   |
| Silver     | 109-1 | 192      | 233      | 200      | 208      | 10.58  | cps   |
| Silver     | 107-1 | 217      | 200      | 167      | 194      | 13.10  | cps   |
| Sodium     | 23-2  | 55889    | 56315    | 55571    | 55925    | 0.67   | cps   |
| Strontium  | 86-1  | 1817     | 1517     | 1742     | 1692     | 9.23   | cps   |
| Strontium  | 88-1  | 750      | 742      | 850      | 781      | 7.72   | cps   |
| Sulfur     | 34-1  | 698678   | 704014   | 708204   | 703632   | 0.68   | cps   |
| Terbium    | 159-1 | 12897038 | 12967929 | 12932737 | 12932568 | 0.27   | cps   |
| Terbium    | 159-2 | 7026961  | 6996119  | 7028942  | 7017341  | 0.26   | cps   |
| Thallium   | 203-1 | 250      | 233      | 325      | 269      | 18.12  | cps   |
| Thallium   | 205-1 | 425      | 667      | 650      | 581      | 23.25  | cps   |
| Tin        | 118-1 | 1175     | 1058     | 1083     | 1106     | 5.56   | cps   |
| Titanium   | 47-1  | 208      | 233      | 175      | 206      | 14.24  | cps   |
| Uranium    | 238-1 | 392      | 267      | 358      | 339      | 19.10  | cps   |
| Vanadium   | 51-2  | 13       | 20       | 33       | 22       | 45.83  | cps   |
| Yttrium    | 89-1  | 10817652 | 10808950 | 10731452 | 10786018 | 0.44   | cps   |
| Yttrium    | 89-2  | 1872711  | 1862038  | 1854514  | 1863088  | 0.49   | cps   |
| Zinc       | 66-2  | 427      | 413      | 460      | 433      | 5.55   | cps   |
| Zirconium  | 90-1  | 925      | 792      | 758      | 825      | 10.69  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:15:51 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 142  | 225  | 172     | 26.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:19:16 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 167      | 183      | 158      | 169      | 7.51   | cps   |
| Antimony   | 121-1 | 250      | 208      | 275      | 244      | 13.78  | cps   |
| Arsenic    | 75-2  | 11       | 13       | 11       | 12       | 9.11   | cps   |
| Barium     | 135-1 | 225      | 175      | 225      | 208      | 13.86  | cps   |
| Barium     | 137-1 | 292      | 467      | 358      | 372      | 23.73  | cps   |
| Beryllium  | 9-1   | 72       | 78       | 44       | 65       | 27.55  | cps   |
| Bismuth    | 209-1 | 8116950  | 8123032  | 8010258  | 8083413  | 0.78   | cps   |
| Bismuth    | 209-2 | 5490248  | 5511190  | 5443461  | 5481633  | 0.63   | cps   |
| Boron      | 10-1  | 458      | 383      | 450      | 431      | 9.55   | cps   |
| Boron      | 11-1  | 2167     | 2534     | 2250     | 2317     | 8.30   | cps   |
| Cadmium    | 111-1 | 2546     | 2315     | 2443     | 2434     | 4.76   | cps   |
| Cadmium    | 106-1 | 3642     | 3317     | 3492     | 3484     | 4.67   | cps   |
| Cadmium    | 108-1 | 29       | 17       | 8        | 18       | 58.09  | cps   |
| Calcium    | 43-1  | 192      | 300      | 283      | 258      | 22.58  | cps   |
| Calcium    | 44-1  | 23028    | 23102    | 22919    | 23016    | 0.40   | cps   |
| Chromium   | 52-2  | 1800     | 1807     | 1810     | 1806     | 0.28   | cps   |
| Cobalt     | 59-2  | 90       | 77       | 67       | 78       | 15.05  | cps   |
| Copper     | 63-2  | 1603     | 1570     | 1473     | 1549     | 4.36   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 25       | 17       | 86.60  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 75       | 50       | 50       | 58       | 24.74  | cps   |
| Erbium     | 164-2 | 17       | 20       | 30       | 22       | 31.22  | cps   |
| Gadolinium | 160-1 | 117      | 67       | 125      | 103      | 30.70  | cps   |
| Gadolinium | 160-2 | 140      | 143      | 170      | 151      | 10.88  | cps   |
| Holmium    | 165-1 | 12534338 | 12475189 | 12349616 | 12453048 | 0.76   | cps   |
| Holmium    | 165-2 | 7182208  | 7085480  | 7076619  | 7114769  | 0.82   | cps   |
| Indium     | 115-1 | 10181161 | 10277764 | 10167677 | 10208867 | 0.59   | cps   |
| Indium     | 115-2 | 2337234  | 2358076  | 2327660  | 2340990  | 0.66   | cps   |
| Iron       | 56-2  | 7408     | 7547     | 7791     | 7582     | 2.56   | cps   |
| Iron       | 57-2  | 400      | 350      | 439      | 396      | 11.25  | cps   |
| Lead       | 206-1 | 1506     | 1356     | 1339     | 1400     | 6.56   | cps   |
| Lead       | 207-1 | 1289     | 1300     | 1267     | 1285     | 1.32   | cps   |
| Lead       | 208-1 | 6079     | 5656     | 5873     | 5869     | 3.60   | cps   |
| Lithium    | 6-1   | 1830709  | 1832323  | 1815601  | 1826211  | 0.51   | cps   |
| Magnesium  | 24-2  | 233      | 375      | 258      | 289      | 26.17  | cps   |
| Manganese  | 55-2  | 67       | 80       | 57       | 68       | 17.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:19:16 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 300      | 400      | 342      | 347      | 14.47  | cps   |
| Molybdenum | 95-1  | 100      | 142      | 158      | 133      | 22.53  | cps   |
| Molybdenum | 96-1  | 125      | 200      | 192      | 172      | 23.87  | cps   |
| Molybdenum | 97-1  | 142      | 142      | 167      | 150      | 9.62   | cps   |
| Molybdenum | 98-1  | 150      | 133      | 200      | 161      | 21.53  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 73       | 83       | 83       | 80       | 7.22   | cps   |
| Phosphorus | 31-2  | 225      | 217      | 342      | 261      | 26.77  | cps   |
| Potassium  | 39-2  | 63746    | 64391    | 66350    | 64829    | 2.09   | cps   |
| Rhodium    | 103-1 | 9789143  | 9666256  | 9725331  | 9726910  | 0.63   | cps   |
| Rhodium    | 103-2 | 5010607  | 5034394  | 4967946  | 5004316  | 0.67   | cps   |
| Scandium   | 45-1  | 6969746  | 7013014  | 6925111  | 6969290  | 0.63   | cps   |
| Scandium   | 45-2  | 374975   | 377084   | 373722   | 375260   | 0.45   | cps   |
| Selenium   | 77-2  | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 126      | 109      | 159      | 131      | 19.36  | cps   |
| Selenium   | 82-1  | 168      | 263      | 238      | 223      | 21.99  | cps   |
| Silicon    | 28-1  | 670414   | 678124   | 671585   | 673374   | 0.62   | cps   |
| Silver     | 109-1 | 67       | 108      | 100      | 92       | 24.05  | cps   |
| Silver     | 107-1 | 200      | 125      | 150      | 158      | 24.12  | cps   |
| Sodium     | 23-2  | 54366    | 55001    | 54090    | 54486    | 0.86   | cps   |
| Strontium  | 86-1  | 1675     | 1784     | 1600     | 1686     | 5.47   | cps   |
| Strontium  | 88-1  | 367      | 408      | 475      | 417      | 13.11  | cps   |
| Sulfur     | 34-1  | 712536   | 709886   | 704355   | 708926   | 0.59   | cps   |
| Terbium    | 159-1 | 12881142 | 12904894 | 12870199 | 12885412 | 0.14   | cps   |
| Terbium    | 159-2 | 7104151  | 7176727  | 7032270  | 7104382  | 1.02   | cps   |
| Thallium   | 203-1 | 225      | 150      | 167      | 181      | 21.81  | cps   |
| Thallium   | 205-1 | 408      | 342      | 425      | 392      | 11.26  | cps   |
| Tin        | 118-1 | 1442     | 1167     | 1342     | 1317     | 10.57  | cps   |
| Titanium   | 47-1  | 283      | 300      | 267      | 283      | 5.88   | cps   |
| Uranium    | 238-1 | 83       | 83       | 33       | 67       | 43.31  | cps   |
| Vanadium   | 51-2  | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Yttrium    | 89-1  | 10907793 | 10824949 | 10913283 | 10882008 | 0.45   | cps   |
| Yttrium    | 89-2  | 1877659  | 1892692  | 1868704  | 1879685  | 0.64   | cps   |
| Zinc       | 66-2  | 397      | 380      | 350      | 376      | 6.30   | cps   |
| Zirconium  | 90-1  | 533      | 725      | 642      | 633      | 15.17  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB85               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB85               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:19:16 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 125  | 108  | 119     | 8.06   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-18 Instrumnet Name : P7  
 Client Sample ID : DC1849-18-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:22:41 DataFile Name : 042SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1308     | 1609     | 1617     | 1511     | 11.62  | cps   |
| Antimony   | 121-1 | 700      | 667      | 917      | 761      | 17.84  | cps   |
| Arsenic    | 75-2  | 194      | 167      | 202      | 188      | 9.89   | cps   |
| Barium     | 135-1 | 52032    | 52007    | 51982    | 52007    | 0.05   | cps   |
| Barium     | 137-1 | 91341    | 89236    | 89555    | 90044    | 1.26   | cps   |
| Beryllium  | 9-1   | 50       | 67       | 67       | 61       | 15.75  | cps   |
| Bismuth    | 209-1 | 8777750  | 8706754  | 8708259  | 8730921  | 0.46   | cps   |
| Bismuth    | 209-2 | 5758177  | 5770969  | 5754355  | 5761167  | 0.15   | cps   |
| Boron      | 10-1  | 1800     | 1834     | 1834     | 1822     | 1.06   | cps   |
| Boron      | 11-1  | 9395     | 9320     | 9337     | 9350     | 0.42   | cps   |
| Cadmium    | 111-1 | 2848     | 2650     | 2793     | 2763     | 3.70   | cps   |
| Cadmium    | 106-1 | 4059     | 3776     | 3992     | 3942     | 3.76   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 21       | 12       | 57.75  | cps   |
| Calcium    | 43-1  | 242679   | 246316   | 243057   | 244017   | 0.82   | cps   |
| Calcium    | 44-1  | 4069145  | 4050354  | 4027426  | 4048975  | 0.52   | cps   |
| Chromium   | 52-2  | 2204     | 2057     | 2244     | 2168     | 4.53   | cps   |
| Cobalt     | 59-2  | 177      | 143      | 170      | 163      | 10.80  | cps   |
| Copper     | 63-2  | 351484   | 347518   | 346607   | 348537   | 0.74   | cps   |
| Dysprosium | 156-1 | 50       | 125      | 133      | 103      | 44.66  | cps   |
| Dysprosium | 156-2 | 57       | 27       | 40       | 41       | 36.56  | cps   |
| Erbium     | 164-1 | 67       | 125      | 125      | 106      | 31.91  | cps   |
| Erbium     | 164-2 | 53       | 80       | 60       | 64       | 21.54  | cps   |
| Gadolinium | 160-1 | 167      | 175      | 250      | 197      | 23.27  | cps   |
| Gadolinium | 160-2 | 143      | 173      | 193      | 170      | 14.80  | cps   |
| Holmium    | 165-1 | 13552599 | 13515952 | 13397285 | 13488612 | 0.60   | cps   |
| Holmium    | 165-2 | 7468837  | 7444788  | 7450707  | 7454777  | 0.17   | cps   |
| Indium     | 115-1 | 11147787 | 10987996 | 11087276 | 11074353 | 0.73   | cps   |
| Indium     | 115-2 | 2449849  | 2438552  | 2439397  | 2442599  | 0.26   | cps   |
| Iron       | 56-2  | 136817   | 119342   | 124510   | 126890   | 7.07   | cps   |
| Iron       | 57-2  | 4218     | 4536     | 3728     | 4161     | 9.78   | cps   |
| Lead       | 206-1 | 6796     | 6669     | 6519     | 6661     | 2.09   | cps   |
| Lead       | 207-1 | 5390     | 5501     | 5424     | 5438     | 1.05   | cps   |
| Lead       | 208-1 | 25916    | 25438    | 25371    | 25575    | 1.16   | cps   |
| Lithium    | 6-1   | 1990482  | 1981165  | 1981011  | 1984219  | 0.27   | cps   |
| Magnesium  | 24-2  | 415236   | 417705   | 415484   | 416142   | 0.33   | cps   |
| Manganese  | 55-2  | 38978    | 39092    | 39446    | 39172    | 0.62   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-18 Instrumnet Name : P7  
 Client Sample ID : DC1849-18-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:22:41 DataFile Name : 042SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1133     | 1100     | 850      | 1028     | 15.07  | cps   |
| Molybdenum | 95-1  | 308      | 308      | 300      | 306      | 1.57   | cps   |
| Molybdenum | 96-1  | 608      | 492      | 433      | 511      | 17.43  | cps   |
| Molybdenum | 97-1  | 283      | 292      | 358      | 311      | 13.21  | cps   |
| Molybdenum | 98-1  | 500      | 592      | 550      | 547      | 8.39   | cps   |
| Neodymium  | 150-1 | 87       | 87       | 100      | 91       | 8.45   | cps   |
| Neodymium  | 150-2 | 27       | 30       | 50       | 36       | 35.49  | cps   |
| Nickel     | 60-2  | 983      | 877      | 883      | 914      | 6.53   | cps   |
| Phosphorus | 31-2  | 7060     | 7235     | 7586     | 7294     | 3.67   | cps   |
| Potassium  | 39-2  | 239309   | 239047   | 241020   | 239792   | 0.45   | cps   |
| Rhodium    | 103-1 | 10644320 | 10518030 | 10395928 | 10519426 | 1.18   | cps   |
| Rhodium    | 103-2 | 5210916  | 5172785  | 5182729  | 5188810  | 0.38   | cps   |
| Scandium   | 45-1  | 7518071  | 7444712  | 7499338  | 7487374  | 0.51   | cps   |
| Scandium   | 45-2  | 392727   | 388752   | 389687   | 390389   | 0.53   | cps   |
| Selenium   | 77-2  | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 126      | 143      | 81       | 117      | 27.08  | cps   |
| Selenium   | 82-1  | 233      | 134      | 76       | 148      | 53.96  | cps   |
| Silicon    | 28-1  | 8802209  | 8884291  | 8835985  | 8840828  | 0.47   | cps   |
| Silver     | 109-1 | 233      | 225      | 275      | 244      | 10.96  | cps   |
| Silver     | 107-1 | 183      | 267      | 250      | 233      | 18.90  | cps   |
| Sodium     | 23-2  | 6740768  | 6725822  | 6658917  | 6708502  | 0.65   | cps   |
| Strontium  | 86-1  | 86242    | 84985    | 83341    | 84856    | 1.71   | cps   |
| Strontium  | 88-1  | 733952   | 725676   | 717445   | 725691   | 1.14   | cps   |
| Sulfur     | 34-1  | 792670   | 793231   | 780587   | 788829   | 0.91   | cps   |
| Terbium    | 159-1 | 14074386 | 13996674 | 13824891 | 13965317 | 0.91   | cps   |
| Terbium    | 159-2 | 7434736  | 7357017  | 7340239  | 7377330  | 0.68   | cps   |
| Thallium   | 203-1 | 258      | 300      | 217      | 258      | 16.13  | cps   |
| Thallium   | 205-1 | 458      | 533      | 492      | 494      | 7.60   | cps   |
| Tin        | 118-1 | 733      | 717      | 808      | 753      | 6.49   | cps   |
| Titanium   | 47-1  | 1183     | 1117     | 1192     | 1164     | 3.53   | cps   |
| Uranium    | 238-1 | 525      | 600      | 633      | 586      | 9.47   | cps   |
| Vanadium   | 51-2  | 363      | 303      | 480      | 382      | 23.53  | cps   |
| Yttrium    | 89-1  | 11729184 | 11658704 | 11643369 | 11677086 | 0.39   | cps   |
| Yttrium    | 89-2  | 1963487  | 1964459  | 1952893  | 1960280  | 0.33   | cps   |
| Zinc       | 66-2  | 7806     | 7776     | 7622     | 7734     | 1.27   | cps   |
| Zirconium  | 90-1  | 2217     | 2525     | 2450     | 2398     | 6.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-18            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-18-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:22:41 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 517  | 450  | 517  | 494     | 7.79   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-19 Instrumnet Name : P7  
 Client Sample ID : DC1849-19-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:26:06 DataFile Name : 043SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1750     | 2411     | 1984     | 2048     | 16.35  | cps   |
| Antimony   | 121-1 | 817      | 808      | 850      | 825      | 2.67   | cps   |
| Arsenic    | 75-2  | 204      | 189      | 198      | 197      | 3.80   | cps   |
| Barium     | 135-1 | 54282    | 53361    | 52985    | 53543    | 1.25   | cps   |
| Barium     | 137-1 | 93203    | 92146    | 94538    | 93296    | 1.28   | cps   |
| Beryllium  | 9-1   | 56       | 67       | 50       | 57       | 14.78  | cps   |
| Bismuth    | 209-1 | 8664153  | 8598574  | 8592689  | 8618472  | 0.46   | cps   |
| Bismuth    | 209-2 | 5819890  | 5878490  | 5884573  | 5860985  | 0.61   | cps   |
| Boron      | 10-1  | 2092     | 1775     | 1967     | 1945     | 8.20   | cps   |
| Boron      | 11-1  | 8653     | 8861     | 9145     | 8886     | 2.78   | cps   |
| Cadmium    | 111-1 | 2616     | 2784     | 2742     | 2714     | 3.21   | cps   |
| Cadmium    | 106-1 | 3742     | 3942     | 3892     | 3859     | 2.70   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Calcium    | 43-1  | 237769   | 235320   | 235397   | 236162   | 0.59   | cps   |
| Calcium    | 44-1  | 3935910  | 3926395  | 3869652  | 3910652  | 0.92   | cps   |
| Chromium   | 52-2  | 2270     | 2277     | 2317     | 2288     | 1.10   | cps   |
| Cobalt     | 59-2  | 187      | 223      | 230      | 213      | 10.94  | cps   |
| Copper     | 63-2  | 694444   | 693367   | 692810   | 693540   | 0.12   | cps   |
| Dysprosium | 156-1 | 92       | 75       | 92       | 86       | 11.18  | cps   |
| Dysprosium | 156-2 | 17       | 40       | 43       | 33       | 43.58  | cps   |
| Erbium     | 164-1 | 133      | 92       | 92       | 106      | 22.79  | cps   |
| Erbium     | 164-2 | 60       | 57       | 40       | 52       | 20.52  | cps   |
| Gadolinium | 160-1 | 225      | 208      | 158      | 197      | 17.59  | cps   |
| Gadolinium | 160-2 | 143      | 157      | 150      | 150      | 4.44   | cps   |
| Holmium    | 165-1 | 13483876 | 13373881 | 13249395 | 13369050 | 0.88   | cps   |
| Holmium    | 165-2 | 7512118  | 7667545  | 7553008  | 7577557  | 1.06   | cps   |
| Indium     | 115-1 | 11062617 | 11007613 | 10944678 | 11004969 | 0.54   | cps   |
| Indium     | 115-2 | 2462412  | 2484476  | 2483116  | 2476668  | 0.50   | cps   |
| Iron       | 56-2  | 101942   | 101138   | 101387   | 101489   | 0.41   | cps   |
| Iron       | 57-2  | 3339     | 3228     | 3284     | 3284     | 1.69   | cps   |
| Lead       | 206-1 | 11338    | 11789    | 11672    | 11600    | 2.02   | cps   |
| Lead       | 207-1 | 10021    | 9698     | 9937     | 9885     | 1.69   | cps   |
| Lead       | 208-1 | 45226    | 45381    | 45270    | 45292    | 0.18   | cps   |
| Lithium    | 6-1   | 1991275  | 1959310  | 1960989  | 1970525  | 0.91   | cps   |
| Magnesium  | 24-2  | 421143   | 422218   | 423002   | 422121   | 0.22   | cps   |
| Manganese  | 55-2  | 35607    | 36375    | 35971    | 35984    | 1.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-19            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-19-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:26:06 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 867      | 867      | 792      | 842      | 5.15   | cps   |
| Molybdenum | 95-1  | 358      | 367      | 317      | 347      | 7.72   | cps   |
| Molybdenum | 96-1  | 558      | 433      | 600      | 531      | 16.35  | cps   |
| Molybdenum | 97-1  | 333      | 358      | 392      | 361      | 8.10   | cps   |
| Molybdenum | 98-1  | 583      | 675      | 558      | 606      | 10.14  | cps   |
| Neodymium  | 150-1 | 93       | 67       | 40       | 67       | 40.00  | cps   |
| Neodymium  | 150-2 | 27       | 27       | 40       | 31       | 24.74  | cps   |
| Nickel     | 60-2  | 2147     | 2050     | 2194     | 2130     | 3.43   | cps   |
| Phosphorus | 31-2  | 7561     | 7727     | 7536     | 7608     | 1.37   | cps   |
| Potassium  | 39-2  | 236970   | 236480   | 238917   | 237455   | 0.54   | cps   |
| Rhodium    | 103-1 | 10353906 | 10366762 | 10353386 | 10358018 | 0.07   | cps   |
| Rhodium    | 103-2 | 5252325  | 5313466  | 5311868  | 5292553  | 0.66   | cps   |
| Scandium   | 45-1  | 7419028  | 7410732  | 7326554  | 7385438  | 0.69   | cps   |
| Scandium   | 45-2  | 390972   | 398291   | 398121   | 395795   | 1.06   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 109      | 130      | 133      | 124      | 10.45  | cps   |
| Selenium   | 82-1  | 228      | 31       | 215      | 158      | 69.89  | cps   |
| Silicon    | 28-1  | 8649956  | 8520959  | 8584214  | 8585043  | 0.75   | cps   |
| Silver     | 109-1 | 200      | 225      | 225      | 217      | 6.66   | cps   |
| Silver     | 107-1 | 150      | 333      | 283      | 256      | 37.08  | cps   |
| Sodium     | 23-2  | 6749098  | 6769313  | 6740754  | 6753055  | 0.22   | cps   |
| Strontium  | 86-1  | 82780    | 83316    | 80936    | 82344    | 1.52   | cps   |
| Strontium  | 88-1  | 707835   | 716140   | 707433   | 710470   | 0.69   | cps   |
| Sulfur     | 34-1  | 791964   | 793850   | 800040   | 795285   | 0.53   | cps   |
| Terbium    | 159-1 | 13924855 | 13797178 | 14133276 | 13951770 | 1.22   | cps   |
| Terbium    | 159-2 | 7463104  | 7480617  | 7504031  | 7482584  | 0.27   | cps   |
| Thallium   | 203-1 | 317      | 242      | 258      | 272      | 14.47  | cps   |
| Thallium   | 205-1 | 617      | 525      | 508      | 550      | 10.61  | cps   |
| Tin        | 118-1 | 842      | 700      | 800      | 781      | 9.33   | cps   |
| Titanium   | 47-1  | 1534     | 1676     | 1342     | 1517     | 11.06  | cps   |
| Uranium    | 238-1 | 508      | 458      | 525      | 497      | 6.98   | cps   |
| Vanadium   | 51-2  | 327      | 293      | 317      | 312      | 5.48   | cps   |
| Yttrium    | 89-1  | 11616872 | 11528211 | 11501147 | 11548743 | 0.52   | cps   |
| Yttrium    | 89-2  | 1973589  | 1991460  | 1999709  | 1988253  | 0.67   | cps   |
| Zinc       | 66-2  | 16693    | 16550    | 17160    | 16801    | 1.90   | cps   |
| Zirconium  | 90-1  | 2142     | 2009     | 1784     | 1978     | 9.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-19            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-19-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:26:06 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 533  | 425  | 444     | 18.21  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-20 Instrumnet Name : P7  
 Client Sample ID : DC1849-20-FL1-BRGCL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:29:31 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1784     | 2259     | 1592     | 1878     | 18.29  | cps   |
| Antimony   | 121-1 | 792      | 792      | 817      | 800      | 1.80   | cps   |
| Arsenic    | 75-2  | 181      | 200      | 194      | 192      | 4.95   | cps   |
| Barium     | 135-1 | 52098    | 52241    | 50568    | 51636    | 1.80   | cps   |
| Barium     | 137-1 | 90771    | 89353    | 87459    | 89194    | 1.86   | cps   |
| Beryllium  | 9-1   | 44       | 39       | 67       | 50       | 29.40  | cps   |
| Bismuth    | 209-1 | 8697424  | 8733407  | 8624946  | 8685259  | 0.64   | cps   |
| Bismuth    | 209-2 | 5815451  | 5643983  | 5638880  | 5699438  | 1.76   | cps   |
| Boron      | 10-1  | 1700     | 1967     | 2042     | 1903     | 9.44   | cps   |
| Boron      | 11-1  | 8870     | 9070     | 9353     | 9098     | 2.67   | cps   |
| Cadmium    | 111-1 | 2617     | 2823     | 2673     | 2704     | 3.93   | cps   |
| Cadmium    | 106-1 | 3692     | 4001     | 3792     | 3828     | 4.11   | cps   |
| Cadmium    | 108-1 | 25       | 4        | 4        | 11       | 108.21 | cps   |
| Calcium    | 43-1  | 239629   | 241111   | 238672   | 239804   | 0.51   | cps   |
| Calcium    | 44-1  | 3999376  | 3985208  | 3935867  | 3973484  | 0.84   | cps   |
| Chromium   | 52-2  | 1737     | 1663     | 1630     | 1677     | 3.25   | cps   |
| Cobalt     | 59-2  | 180      | 140      | 193      | 171      | 16.22  | cps   |
| Copper     | 63-2  | 293634   | 292604   | 292205   | 292814   | 0.25   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 67       | 69       | 6.93   | cps   |
| Dysprosium | 156-2 | 37       | 57       | 47       | 47       | 21.43  | cps   |
| Erbium     | 164-1 | 50       | 108      | 200      | 119      | 63.31  | cps   |
| Erbium     | 164-2 | 70       | 63       | 77       | 70       | 9.53   | cps   |
| Gadolinium | 160-1 | 192      | 142      | 183      | 172      | 15.56  | cps   |
| Gadolinium | 160-2 | 183      | 217      | 157      | 186      | 16.20  | cps   |
| Holmium    | 165-1 | 13577848 | 13474985 | 13334119 | 13462317 | 0.91   | cps   |
| Holmium    | 165-2 | 7491113  | 7324529  | 7425768  | 7413804  | 1.13   | cps   |
| Indium     | 115-1 | 11013787 | 11073014 | 10855204 | 10980668 | 1.03   | cps   |
| Indium     | 115-2 | 2478148  | 2418478  | 2444260  | 2446962  | 1.22   | cps   |
| Iron       | 56-2  | 121946   | 116197   | 156157   | 131433   | 16.44  | cps   |
| Iron       | 57-2  | 3595     | 4034     | 3595     | 3741     | 6.78   | cps   |
| Lead       | 206-1 | 3678     | 3867     | 3551     | 3699     | 4.31   | cps   |
| Lead       | 207-1 | 3295     | 3150     | 3167     | 3204     | 2.47   | cps   |
| Lead       | 208-1 | 15315    | 15326    | 14681    | 15108    | 2.44   | cps   |
| Lithium    | 6-1   | 1993768  | 1995721  | 1932036  | 1973842  | 1.83   | cps   |
| Magnesium  | 24-2  | 423988   | 420756   | 421354   | 422032   | 0.41   | cps   |
| Manganese  | 55-2  | 32299    | 32245    | 32396    | 32313    | 0.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-20-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:29:31 | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 842      | 900      | 900      | 881      | 3.82   | cps   |
| Molybdenum | 95-1  | 267      | 192      | 300      | 253      | 21.95  | cps   |
| Molybdenum | 96-1  | 500      | 408      | 425      | 444      | 10.99  | cps   |
| Molybdenum | 97-1  | 317      | 258      | 275      | 283      | 10.60  | cps   |
| Molybdenum | 98-1  | 358      | 442      | 483      | 428      | 14.88  | cps   |
| Neodymium  | 150-1 | 60       | 33       | 73       | 56       | 36.67  | cps   |
| Neodymium  | 150-2 | 37       | 13       | 37       | 29       | 46.64  | cps   |
| Nickel     | 60-2  | 513      | 503      | 497      | 504      | 1.66   | cps   |
| Phosphorus | 31-2  | 7260     | 6902     | 6969     | 7044     | 2.71   | cps   |
| Potassium  | 39-2  | 241269   | 238147   | 240238   | 239885   | 0.66   | cps   |
| Rhodium    | 103-1 | 10403863 | 10420866 | 10272389 | 10365706 | 0.78   | cps   |
| Rhodium    | 103-2 | 5263293  | 5174576  | 5188987  | 5208952  | 0.91   | cps   |
| Scandium   | 45-1  | 7489769  | 7473561  | 7347423  | 7436917  | 1.05   | cps   |
| Scandium   | 45-2  | 396769   | 384214   | 387279   | 389421   | 1.68   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 139      | 141      | 128      | 136      | 5.16   | cps   |
| Selenium   | 82-1  | 296      | 120      | 143      | 186      | 51.34  | cps   |
| Silicon    | 28-1  | 8749349  | 8823060  | 8849555  | 8807321  | 0.59   | cps   |
| Silver     | 109-1 | 150      | 150      | 242      | 181      | 29.31  | cps   |
| Silver     | 107-1 | 242      | 175      | 242      | 219      | 17.54  | cps   |
| Sodium     | 23-2  | 6783864  | 6738748  | 6786916  | 6769843  | 0.40   | cps   |
| Strontium  | 86-1  | 83342    | 83743    | 84363    | 83816    | 0.61   | cps   |
| Strontium  | 88-1  | 724318   | 717002   | 715924   | 719081   | 0.64   | cps   |
| Sulfur     | 34-1  | 788254   | 793389   | 795136   | 792260   | 0.45   | cps   |
| Terbium    | 159-1 | 13864324 | 13995724 | 13907858 | 13922636 | 0.48   | cps   |
| Terbium    | 159-2 | 7418404  | 7369389  | 7446790  | 7411527  | 0.53   | cps   |
| Thallium   | 203-1 | 250      | 267      | 192      | 236      | 16.68  | cps   |
| Thallium   | 205-1 | 633      | 633      | 592      | 619      | 3.88   | cps   |
| Tin        | 118-1 | 675      | 667      | 608      | 650      | 5.59   | cps   |
| Titanium   | 47-1  | 1283     | 1117     | 1075     | 1158     | 9.52   | cps   |
| Uranium    | 238-1 | 517      | 417      | 617      | 517      | 19.36  | cps   |
| Vanadium   | 51-2  | 350      | 303      | 307      | 320      | 8.14   | cps   |
| Yttrium    | 89-1  | 11655684 | 11494484 | 11380442 | 11510204 | 1.20   | cps   |
| Yttrium    | 89-2  | 1968773  | 1942820  | 1954628  | 1955407  | 0.66   | cps   |
| Zinc       | 66-2  | 4814     | 4828     | 4698     | 4780     | 1.50   | cps   |
| Zirconium  | 90-1  | 1950     | 1984     | 1809     | 1914     | 4.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-20            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-20-FL1-BRGCL | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:29:31 | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 508  | 342  | 417  | 422     | 19.77  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-21 Instrumnet Name : P7  
 Client Sample ID : DC1849-21-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:32:56 DataFile Name : 045SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1075     | 1183     | 1150     | 1136     | 4.88   | cps   |
| Antimony   | 121-1 | 1333     | 1483     | 1500     | 1439     | 6.38   | cps   |
| Arsenic    | 75-2  | 244      | 230      | 194      | 223      | 11.52  | cps   |
| Barium     | 135-1 | 53830    | 53103    | 53362    | 53432    | 0.69   | cps   |
| Barium     | 137-1 | 93599    | 91318    | 91166    | 92027    | 1.48   | cps   |
| Beryllium  | 9-1   | 39       | 67       | 17       | 41       | 61.49  | cps   |
| Bismuth    | 209-1 | 8486542  | 8466606  | 8390538  | 8447895  | 0.60   | cps   |
| Bismuth    | 209-2 | 5716102  | 5700771  | 5738391  | 5718421  | 0.33   | cps   |
| Boron      | 10-1  | 1784     | 1959     | 2075     | 1939     | 7.57   | cps   |
| Boron      | 11-1  | 9603     | 8811     | 8961     | 9125     | 4.61   | cps   |
| Cadmium    | 111-1 | 2685     | 2764     | 2500     | 2650     | 5.11   | cps   |
| Cadmium    | 106-1 | 3767     | 3826     | 3484     | 3692     | 4.95   | cps   |
| Cadmium    | 108-1 | 33       | 38       | 25       | 32       | 19.92  | cps   |
| Calcium    | 43-1  | 236325   | 236877   | 235808   | 236337   | 0.23   | cps   |
| Calcium    | 44-1  | 3894024  | 3902143  | 3903523  | 3899896  | 0.13   | cps   |
| Chromium   | 52-2  | 1967     | 1997     | 1920     | 1961     | 1.97   | cps   |
| Cobalt     | 59-2  | 440      | 447      | 497      | 461      | 6.72   | cps   |
| Copper     | 63-2  | 1442690  | 1445021  | 1440157  | 1442623  | 0.17   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 83       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 10       | 30       | 30       | 23       | 49.49  | cps   |
| Erbium     | 164-1 | 92       | 108      | 67       | 89       | 23.59  | cps   |
| Erbium     | 164-2 | 53       | 33       | 23       | 37       | 41.66  | cps   |
| Gadolinium | 160-1 | 183      | 192      | 167      | 181      | 7.05   | cps   |
| Gadolinium | 160-2 | 160      | 133      | 127      | 140      | 12.60  | cps   |
| Holmium    | 165-1 | 13194946 | 12988525 | 13227847 | 13137106 | 0.99   | cps   |
| Holmium    | 165-2 | 7426271  | 7405365  | 7458529  | 7430055  | 0.36   | cps   |
| Indium     | 115-1 | 10842865 | 10788200 | 10727764 | 10786277 | 0.53   | cps   |
| Indium     | 115-2 | 2452794  | 2447957  | 2437282  | 2446011  | 0.32   | cps   |
| Iron       | 56-2  | 70930    | 71192    | 73631    | 71917    | 2.07   | cps   |
| Iron       | 57-2  | 2639     | 2567     | 2639     | 2615     | 1.59   | cps   |
| Lead       | 206-1 | 34462    | 34573    | 33927    | 34321    | 1.01   | cps   |
| Lead       | 207-1 | 28359    | 27997    | 28570    | 28309    | 1.02   | cps   |
| Lead       | 208-1 | 133497   | 132147   | 131772   | 132472   | 0.68   | cps   |
| Lithium    | 6-1   | 1943339  | 1931697  | 1927430  | 1934155  | 0.43   | cps   |
| Magnesium  | 24-2  | 417777   | 420277   | 419219   | 419091   | 0.30   | cps   |
| Manganese  | 55-2  | 30702    | 30438    | 30372    | 30504    | 0.57   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-21 Instrumnet Name : P7  
 Client Sample ID : DC1849-21-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:32:56 DataFile Name : 045SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 792      | 917      | 733      | 814      | 11.51  | cps   |
| Molybdenum | 95-1  | 217      | 342      | 283      | 281      | 22.29  | cps   |
| Molybdenum | 96-1  | 500      | 350      | 525      | 458      | 20.65  | cps   |
| Molybdenum | 97-1  | 300      | 333      | 325      | 319      | 5.43   | cps   |
| Molybdenum | 98-1  | 575      | 492      | 442      | 503      | 13.40  | cps   |
| Neodymium  | 150-1 | 20       | 53       | 47       | 40       | 44.10  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 40       | 18       | 109.88 | cps   |
| Nickel     | 60-2  | 28007    | 27142    | 27316    | 27488    | 1.66   | cps   |
| Phosphorus | 31-2  | 6952     | 6385     | 6418     | 6585     | 4.83   | cps   |
| Potassium  | 39-2  | 232476   | 233610   | 232736   | 232941   | 0.26   | cps   |
| Rhodium    | 103-1 | 10249865 | 10208332 | 10220139 | 10226112 | 0.21   | cps   |
| Rhodium    | 103-2 | 5245132  | 5186851  | 5187686  | 5206556  | 0.64   | cps   |
| Scandium   | 45-1  | 7207105  | 7257211  | 7293823  | 7252713  | 0.60   | cps   |
| Scandium   | 45-2  | 392162   | 391060   | 390935   | 391386   | 0.17   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 115      | 161      | 106      | 127      | 23.40  | cps   |
| Selenium   | 82-1  | 102      | 296      | 321      | 240      | 49.94  | cps   |
| Silicon    | 28-1  | 8587968  | 8625234  | 8433462  | 8548888  | 1.19   | cps   |
| Silver     | 109-1 | 342      | 317      | 350      | 336      | 5.16   | cps   |
| Silver     | 107-1 | 433      | 367      | 342      | 381      | 12.45  | cps   |
| Sodium     | 23-2  | 6628322  | 6598203  | 6591132  | 6605886  | 0.30   | cps   |
| Strontium  | 86-1  | 82126    | 82746    | 80493    | 81788    | 1.42   | cps   |
| Strontium  | 88-1  | 711394   | 700432   | 693346   | 701724   | 1.30   | cps   |
| Sulfur     | 34-1  | 789510   | 781145   | 777956   | 782870   | 0.76   | cps   |
| Terbium    | 159-1 | 13702567 | 13779209 | 13535791 | 13672522 | 0.91   | cps   |
| Terbium    | 159-2 | 7385760  | 7475806  | 7404448  | 7422005  | 0.64   | cps   |
| Thallium   | 203-1 | 150      | 308      | 233      | 231      | 34.35  | cps   |
| Thallium   | 205-1 | 500      | 750      | 583      | 611      | 20.83  | cps   |
| Tin        | 118-1 | 733      | 700      | 767      | 733      | 4.55   | cps   |
| Titanium   | 47-1  | 1133     | 1167     | 1275     | 1192     | 6.22   | cps   |
| Uranium    | 238-1 | 350      | 267      | 358      | 325      | 15.60  | cps   |
| Vanadium   | 51-2  | 300      | 240      | 287      | 276      | 11.43  | cps   |
| Yttrium    | 89-1  | 11574157 | 11388287 | 11337602 | 11433349 | 1.09   | cps   |
| Yttrium    | 89-2  | 1970144  | 1957885  | 1962160  | 1963396  | 0.32   | cps   |
| Zinc       | 66-2  | 104896   | 105081   | 103705   | 104561   | 0.71   | cps   |
| Zirconium  | 90-1  | 1900     | 1734     | 1675     | 1770     | 6.60   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-21-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:32:56  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 350  | 333  | 344     | 2.79   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-22 Instrumnet Name : P7  
 Client Sample ID : DC1849-22-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:36:22 DataFile Name : 046SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1409     | 1200     | 1667     | 1425     | 16.41  | cps   |
| Antimony   | 121-1 | 750      | 875      | 683      | 770      | 12.65  | cps   |
| Arsenic    | 75-2  | 198      | 185      | 174      | 186      | 6.48   | cps   |
| Barium     | 135-1 | 53955    | 53864    | 54214    | 54011    | 0.34   | cps   |
| Barium     | 137-1 | 94428    | 94278    | 92785    | 93830    | 0.97   | cps   |
| Beryllium  | 9-1   | 67       | 89       | 44       | 67       | 33.33  | cps   |
| Bismuth    | 209-1 | 8442234  | 8531283  | 8455614  | 8476377  | 0.57   | cps   |
| Bismuth    | 209-2 | 5644536  | 5637029  | 5640181  | 5640582  | 0.07   | cps   |
| Boron      | 10-1  | 1917     | 1909     | 1900     | 1909     | 0.44   | cps   |
| Boron      | 11-1  | 9345     | 9362     | 9403     | 9370     | 0.32   | cps   |
| Cadmium    | 111-1 | 2644     | 2808     | 2340     | 2597     | 9.14   | cps   |
| Cadmium    | 106-1 | 3742     | 3992     | 3301     | 3678     | 9.52   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 29       | 24       | 26.95  | cps   |
| Calcium    | 43-1  | 235605   | 234794   | 234937   | 235112   | 0.18   | cps   |
| Calcium    | 44-1  | 3906648  | 3873311  | 3889280  | 3889746  | 0.43   | cps   |
| Chromium   | 52-2  | 1937     | 2060     | 1837     | 1945     | 5.75   | cps   |
| Cobalt     | 59-2  | 133      | 220      | 133      | 162      | 30.84  | cps   |
| Copper     | 63-2  | 776765   | 773695   | 778354   | 776271   | 0.31   | cps   |
| Dysprosium | 156-1 | 100      | 100      | 100      | 100      | 0.01   | cps   |
| Dysprosium | 156-2 | 33       | 43       | 17       | 31       | 43.29  | cps   |
| Erbium     | 164-1 | 50       | 117      | 58       | 75       | 48.44  | cps   |
| Erbium     | 164-2 | 70       | 60       | 33       | 54       | 34.82  | cps   |
| Gadolinium | 160-1 | 167      | 200      | 283      | 217      | 27.73  | cps   |
| Gadolinium | 160-2 | 197      | 137      | 223      | 186      | 23.92  | cps   |
| Holmium    | 165-1 | 13141094 | 12983977 | 13090238 | 13071770 | 0.61   | cps   |
| Holmium    | 165-2 | 7352854  | 7323416  | 7324060  | 7333444  | 0.23   | cps   |
| Indium     | 115-1 | 10784186 | 10693249 | 10608961 | 10695465 | 0.82   | cps   |
| Indium     | 115-2 | 2413836  | 2421810  | 2419880  | 2418508  | 0.17   | cps   |
| Iron       | 56-2  | 97672    | 98804    | 96500    | 97659    | 1.18   | cps   |
| Iron       | 57-2  | 3412     | 2956     | 2989     | 3119     | 8.14   | cps   |
| Lead       | 206-1 | 5824     | 5896     | 5774     | 5831     | 1.05   | cps   |
| Lead       | 207-1 | 4873     | 4801     | 4940     | 4871     | 1.43   | cps   |
| Lead       | 208-1 | 22375    | 22597    | 22519    | 22497    | 0.50   | cps   |
| Lithium    | 6-1   | 1933090  | 1907303  | 1886114  | 1908836  | 1.23   | cps   |
| Magnesium  | 24-2  | 411944   | 415045   | 413452   | 413480   | 0.38   | cps   |
| Manganese  | 55-2  | 30739    | 30211    | 29987    | 30313    | 1.27   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-22-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:36:22  | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 850      | 883      | 833      | 7.21   | cps   |
| Molybdenum | 95-1  | 375      | 333      | 267      | 325      | 16.81  | cps   |
| Molybdenum | 96-1  | 400      | 508      | 433      | 447      | 12.41  | cps   |
| Molybdenum | 97-1  | 242      | 317      | 300      | 286      | 13.76  | cps   |
| Molybdenum | 98-1  | 508      | 458      | 533      | 500      | 7.64   | cps   |
| Neodymium  | 150-1 | 33       | 80       | 27       | 47       | 62.27  | cps   |
| Neodymium  | 150-2 | 20       | 43       | 20       | 28       | 48.49  | cps   |
| Nickel     | 60-2  | 1073     | 973      | 987      | 1011     | 5.37   | cps   |
| Phosphorus | 31-2  | 6760     | 7027     | 7519     | 7102     | 5.42   | cps   |
| Potassium  | 39-2  | 233983   | 233712   | 232579   | 233425   | 0.32   | cps   |
| Rhodium    | 103-1 | 10332717 | 10129739 | 10126591 | 10196349 | 1.16   | cps   |
| Rhodium    | 103-2 | 5117247  | 5197271  | 5162027  | 5158848  | 0.78   | cps   |
| Scandium   | 45-1  | 7374102  | 7236135  | 7262195  | 7290811  | 1.01   | cps   |
| Scandium   | 45-2  | 386363   | 388035   | 384774   | 386391   | 0.42   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 133      | 106      | 137      | 125      | 13.73  | cps   |
| Selenium   | 82-1  | 176      | 254      | 189      | 207      | 20.34  | cps   |
| Silicon    | 28-1  | 8456221  | 8401989  | 8554193  | 8470801  | 0.91   | cps   |
| Silver     | 109-1 | 242      | 200      | 183      | 208      | 14.42  | cps   |
| Silver     | 107-1 | 208      | 292      | 183      | 228      | 24.90  | cps   |
| Sodium     | 23-2  | 6609855  | 6538075  | 6550315  | 6566081  | 0.58   | cps   |
| Strontium  | 86-1  | 83040    | 82462    | 81439    | 82314    | 0.99   | cps   |
| Strontium  | 88-1  | 710058   | 700549   | 690856   | 700488   | 1.37   | cps   |
| Sulfur     | 34-1  | 788880   | 784251   | 784453   | 785862   | 0.33   | cps   |
| Terbium    | 159-1 | 13828485 | 13536255 | 13398002 | 13587581 | 1.62   | cps   |
| Terbium    | 159-2 | 7347910  | 7262673  | 7246933  | 7285839  | 0.75   | cps   |
| Thallium   | 203-1 | 217      | 292      | 200      | 236      | 20.68  | cps   |
| Thallium   | 205-1 | 500      | 608      | 542      | 550      | 9.94   | cps   |
| Tin        | 118-1 | 658      | 767      | 692      | 706      | 7.86   | cps   |
| Titanium   | 47-1  | 1183     | 1092     | 1117     | 1131     | 4.19   | cps   |
| Uranium    | 238-1 | 408      | 442      | 350      | 400      | 11.60  | cps   |
| Vanadium   | 51-2  | 303      | 257      | 250      | 270      | 10.76  | cps   |
| Yttrium    | 89-1  | 11423917 | 11352830 | 11379164 | 11385304 | 0.32   | cps   |
| Yttrium    | 89-2  | 1938085  | 1945564  | 1945325  | 1942991  | 0.22   | cps   |
| Zinc       | 66-2  | 14708    | 15215    | 15518    | 15147    | 2.70   | cps   |
| Zirconium  | 90-1  | 1800     | 1592     | 1634     | 1675     | 6.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-22-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:36:22  | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 317  | 425  | 344     | 20.58  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-23 Instrumnet Name : P7  
 Client Sample ID : DC1849-23-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:39:47 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2285     | 1759     | 1912     | 1985     | 13.62  | cps   |
| Antimony   | 121-1 | 1250     | 1033     | 1367     | 1217     | 13.90  | cps   |
| Arsenic    | 75-2  | 202      | 157      | 183      | 181      | 12.34  | cps   |
| Barium     | 135-1 | 55930    | 56022    | 55863    | 55938    | 0.14   | cps   |
| Barium     | 137-1 | 99304    | 98624    | 99622    | 99183    | 0.51   | cps   |
| Beryllium  | 9-1   | 61       | 44       | 56       | 54       | 15.80  | cps   |
| Bismuth    | 209-1 | 8677431  | 8577815  | 8873698  | 8709648  | 1.73   | cps   |
| Bismuth    | 209-2 | 5731066  | 5800413  | 5773652  | 5768377  | 0.61   | cps   |
| Boron      | 10-1  | 1592     | 2009     | 1975     | 1859     | 12.46  | cps   |
| Boron      | 11-1  | 9128     | 8636     | 8728     | 8831     | 2.96   | cps   |
| Cadmium    | 111-1 | 2646     | 2727     | 2871     | 2748     | 4.14   | cps   |
| Cadmium    | 106-1 | 3717     | 3826     | 4042     | 3862     | 4.29   | cps   |
| Cadmium    | 108-1 | 8        | 25       | 13       | 15       | 56.79  | cps   |
| Calcium    | 43-1  | 239705   | 238087   | 238375   | 238722   | 0.36   | cps   |
| Calcium    | 44-1  | 3987168  | 3948266  | 3934818  | 3956751  | 0.69   | cps   |
| Chromium   | 52-2  | 1610     | 1640     | 1627     | 1626     | 0.92   | cps   |
| Cobalt     | 59-2  | 153      | 150      | 220      | 174      | 22.63  | cps   |
| Copper     | 63-2  | 1111271  | 1105037  | 1101990  | 1106099  | 0.43   | cps   |
| Dysprosium | 156-1 | 50       | 33       | 67       | 50       | 33.34  | cps   |
| Dysprosium | 156-2 | 40       | 50       | 37       | 42       | 16.43  | cps   |
| Erbium     | 164-1 | 67       | 83       | 108      | 86       | 24.35  | cps   |
| Erbium     | 164-2 | 47       | 60       | 57       | 54       | 12.74  | cps   |
| Gadolinium | 160-1 | 225      | 183      | 267      | 225      | 18.52  | cps   |
| Gadolinium | 160-2 | 190      | 177      | 180      | 182      | 3.81   | cps   |
| Holmium    | 165-1 | 13430958 | 13455653 | 13598016 | 13494876 | 0.67   | cps   |
| Holmium    | 165-2 | 7476448  | 7566581  | 7602965  | 7548664  | 0.86   | cps   |
| Indium     | 115-1 | 10982857 | 10975887 | 11035610 | 10998118 | 0.30   | cps   |
| Indium     | 115-2 | 2445749  | 2459261  | 2486787  | 2463932  | 0.85   | cps   |
| Iron       | 56-2  | 67800    | 74498    | 73010    | 71769    | 4.90   | cps   |
| Iron       | 57-2  | 2484     | 2600     | 2467     | 2517     | 2.89   | cps   |
| Lead       | 206-1 | 29611    | 28325    | 28576    | 28837    | 2.36   | cps   |
| Lead       | 207-1 | 23705    | 24239    | 23015    | 23653    | 2.59   | cps   |
| Lead       | 208-1 | 112135   | 110173   | 108987   | 110432   | 1.44   | cps   |
| Lithium    | 6-1   | 1940248  | 1972050  | 1974863  | 1962387  | 0.98   | cps   |
| Magnesium  | 24-2  | 425582   | 429038   | 429144   | 427921   | 0.47   | cps   |
| Manganese  | 55-2  | 34875    | 34196    | 34748    | 34606    | 1.04   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-23-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:39:47  | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 825      | 758      | 792      | 792      | 4.21   | cps   |
| Molybdenum | 95-1  | 342      | 267      | 383      | 331      | 17.89  | cps   |
| Molybdenum | 96-1  | 483      | 567      | 525      | 525      | 7.94   | cps   |
| Molybdenum | 97-1  | 283      | 400      | 192      | 292      | 35.80  | cps   |
| Molybdenum | 98-1  | 483      | 483      | 550      | 506      | 7.61   | cps   |
| Neodymium  | 150-1 | 80       | 53       | 33       | 56       | 42.14  | cps   |
| Neodymium  | 150-2 | 27       | 13       | 17       | 19       | 36.75  | cps   |
| Nickel     | 60-2  | 7579     | 7776     | 7659     | 7671     | 1.29   | cps   |
| Phosphorus | 31-2  | 7160     | 7227     | 7411     | 7266     | 1.78   | cps   |
| Potassium  | 39-2  | 232848   | 235609   | 233397   | 233951   | 0.62   | cps   |
| Rhodium    | 103-1 | 10401887 | 10395398 | 10511123 | 10436136 | 0.62   | cps   |
| Rhodium    | 103-2 | 5232781  | 5302458  | 5305132  | 5280124  | 0.78   | cps   |
| Scandium   | 45-1  | 7364674  | 7398414  | 7565387  | 7442825  | 1.44   | cps   |
| Scandium   | 45-2  | 390279   | 394717   | 396430   | 393808   | 0.81   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 133      | 139      | 157      | 143      | 8.80   | cps   |
| Selenium   | 82-1  | 316      | 150      | 225      | 231      | 35.95  | cps   |
| Silicon    | 28-1  | 8764212  | 8967621  | 8568404  | 8766746  | 2.28   | cps   |
| Silver     | 109-1 | 258      | 317      | 250      | 275      | 13.22  | cps   |
| Silver     | 107-1 | 283      | 358      | 383      | 342      | 15.23  | cps   |
| Sodium     | 23-2  | 6657240  | 6671483  | 6665950  | 6664891  | 0.11   | cps   |
| Strontium  | 86-1  | 84331    | 84046    | 83409    | 83929    | 0.56   | cps   |
| Strontium  | 88-1  | 729230   | 719878   | 715005   | 721371   | 1.00   | cps   |
| Sulfur     | 34-1  | 789393   | 789417   | 787604   | 788805   | 0.13   | cps   |
| Terbium    | 159-1 | 13907405 | 13839352 | 14005751 | 13917503 | 0.60   | cps   |
| Terbium    | 159-2 | 7337231  | 7501257  | 7440932  | 7426473  | 1.12   | cps   |
| Thallium   | 203-1 | 258      | 150      | 300      | 236      | 32.79  | cps   |
| Thallium   | 205-1 | 617      | 650      | 475      | 581      | 16.01  | cps   |
| Tin        | 118-1 | 783      | 675      | 833      | 764      | 10.60  | cps   |
| Titanium   | 47-1  | 1100     | 1083     | 1092     | 1092     | 0.76   | cps   |
| Uranium    | 238-1 | 375      | 333      | 400      | 369      | 9.12   | cps   |
| Vanadium   | 51-2  | 257      | 287      | 267      | 270      | 5.66   | cps   |
| Yttrium    | 89-1  | 11543709 | 11625823 | 11717378 | 11628970 | 0.75   | cps   |
| Yttrium    | 89-2  | 1975573  | 1991415  | 1993385  | 1986791  | 0.49   | cps   |
| Zinc       | 66-2  | 73350    | 72830    | 72727    | 72969    | 0.46   | cps   |
| Zirconium  | 90-1  | 1842     | 1825     | 2125     | 1931     | 8.73   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-23-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:39:47  | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 350  | 651  | 447     | 39.34  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-24 Instrumnet Name : P7  
 Client Sample ID : DC1849-24-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:43:13 DataFile Name : 048SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2537     | 1484     | 1559     | 1860     | 31.61  | cps   |
| Antimony   | 121-1 | 750      | 750      | 808      | 769      | 4.38   | cps   |
| Arsenic    | 75-2  | 174      | 176      | 211      | 187      | 11.16  | cps   |
| Barium     | 135-1 | 54466    | 53839    | 52810    | 53705    | 1.56   | cps   |
| Barium     | 137-1 | 94763    | 94765    | 93447    | 94325    | 0.81   | cps   |
| Beryllium  | 9-1   | 50       | 78       | 22       | 50       | 55.56  | cps   |
| Bismuth    | 209-1 | 8537112  | 8509042  | 8442523  | 8496225  | 0.57   | cps   |
| Bismuth    | 209-2 | 5698616  | 5712261  | 5694378  | 5701752  | 0.16   | cps   |
| Boron      | 10-1  | 1617     | 1784     | 1884     | 1761     | 7.65   | cps   |
| Boron      | 11-1  | 9086     | 8853     | 9061     | 9000     | 1.42   | cps   |
| Cadmium    | 111-1 | 2810     | 2639     | 2493     | 2647     | 5.98   | cps   |
| Cadmium    | 106-1 | 3992     | 3742     | 3559     | 3765     | 5.78   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 21       | 12       | 57.75  | cps   |
| Calcium    | 43-1  | 238664   | 239558   | 232393   | 236871   | 1.65   | cps   |
| Calcium    | 44-1  | 3963373  | 3914113  | 3876586  | 3918024  | 1.11   | cps   |
| Chromium   | 52-2  | 1880     | 1947     | 1974     | 1933     | 2.49   | cps   |
| Cobalt     | 59-2  | 160      | 213      | 210      | 194      | 15.37  | cps   |
| Copper     | 63-2  | 649982   | 643734   | 640609   | 644775   | 0.74   | cps   |
| Dysprosium | 156-1 | 58       | 33       | 42       | 44       | 28.65  | cps   |
| Dysprosium | 156-2 | 73       | 23       | 40       | 46       | 55.89  | cps   |
| Erbium     | 164-1 | 158      | 117      | 108      | 128      | 20.96  | cps   |
| Erbium     | 164-2 | 40       | 40       | 50       | 43       | 13.32  | cps   |
| Gadolinium | 160-1 | 75       | 150      | 175      | 133      | 39.03  | cps   |
| Gadolinium | 160-2 | 183      | 163      | 187      | 178      | 7.10   | cps   |
| Holmium    | 165-1 | 13244217 | 13207082 | 13270508 | 13240602 | 0.24   | cps   |
| Holmium    | 165-2 | 7505027  | 7358545  | 7327943  | 7397172  | 1.28   | cps   |
| Indium     | 115-1 | 10906651 | 10853017 | 10848193 | 10869287 | 0.30   | cps   |
| Indium     | 115-2 | 2448267  | 2448518  | 2423924  | 2440236  | 0.58   | cps   |
| Iron       | 56-2  | 109226   | 107764   | 108219   | 108403   | 0.69   | cps   |
| Iron       | 57-2  | 3790     | 3534     | 3545     | 3623     | 3.99   | cps   |
| Lead       | 206-1 | 5435     | 5062     | 5179     | 5225     | 3.64   | cps   |
| Lead       | 207-1 | 4579     | 4362     | 4534     | 4492     | 2.55   | cps   |
| Lead       | 208-1 | 20785    | 20223    | 20240    | 20416    | 1.56   | cps   |
| Lithium    | 6-1   | 1885775  | 1905707  | 1931313  | 1907598  | 1.20   | cps   |
| Magnesium  | 24-2  | 417246   | 417116   | 411951   | 415438   | 0.73   | cps   |
| Manganese  | 55-2  | 32169    | 31607    | 31701    | 31826    | 0.94   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-24-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:43:13  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 792      | 725      | 617      | 711      | 12.42  | cps   |
| Molybdenum | 95-1  | 392      | 333      | 317      | 347      | 11.34  | cps   |
| Molybdenum | 96-1  | 392      | 442      | 308      | 381      | 17.70  | cps   |
| Molybdenum | 97-1  | 267      | 208      | 325      | 267      | 21.88  | cps   |
| Molybdenum | 98-1  | 475      | 558      | 475      | 503      | 9.57   | cps   |
| Neodymium  | 150-1 | 67       | 73       | 60       | 67       | 10.00  | cps   |
| Neodymium  | 150-2 | 30       | 13       | 20       | 21       | 39.75  | cps   |
| Nickel     | 60-2  | 607      | 667      | 620      | 631      | 4.99   | cps   |
| Phosphorus | 31-2  | 6985     | 7119     | 7319     | 7141     | 2.35   | cps   |
| Potassium  | 39-2  | 239679   | 238901   | 237062   | 238547   | 0.56   | cps   |
| Rhodium    | 103-1 | 10422363 | 10182090 | 10281618 | 10295357 | 1.17   | cps   |
| Rhodium    | 103-2 | 5194469  | 5192436  | 5176688  | 5187864  | 0.19   | cps   |
| Scandium   | 45-1  | 7316555  | 7386521  | 7266407  | 7323161  | 0.82   | cps   |
| Scandium   | 45-2  | 390113   | 390682   | 387949   | 389581   | 0.37   | cps   |
| Selenium   | 77-2  | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Selenium   | 78-2  | 124      | 122      | 137      | 128      | 6.32   | cps   |
| Selenium   | 82-1  | 79       | 292      | 249      | 206      | 54.66  | cps   |
| Silicon    | 28-1  | 8517642  | 8608124  | 8556354  | 8560707  | 0.53   | cps   |
| Silver     | 109-1 | 142      | 175      | 150      | 156      | 11.15  | cps   |
| Silver     | 107-1 | 175      | 217      | 208      | 200      | 11.02  | cps   |
| Sodium     | 23-2  | 6643670  | 6657130  | 6569123  | 6623308  | 0.72   | cps   |
| Strontium  | 86-1  | 81959    | 81766    | 83745    | 82490    | 1.32   | cps   |
| Strontium  | 88-1  | 707373   | 708195   | 703060   | 706209   | 0.39   | cps   |
| Sulfur     | 34-1  | 787291   | 787515   | 795066   | 789958   | 0.56   | cps   |
| Terbium    | 159-1 | 13889329 | 13798203 | 13607912 | 13765148 | 1.04   | cps   |
| Terbium    | 159-2 | 7482929  | 7403860  | 7423843  | 7436877  | 0.55   | cps   |
| Thallium   | 203-1 | 208      | 275      | 275      | 253      | 15.23  | cps   |
| Thallium   | 205-1 | 467      | 575      | 592      | 544      | 12.47  | cps   |
| Tin        | 118-1 | 758      | 842      | 767      | 789      | 5.82   | cps   |
| Titanium   | 47-1  | 1258     | 1325     | 1308     | 1297     | 2.67   | cps   |
| Uranium    | 238-1 | 458      | 525      | 458      | 481      | 8.01   | cps   |
| Vanadium   | 51-2  | 260      | 250      | 283      | 264      | 6.47   | cps   |
| Yttrium    | 89-1  | 11502714 | 11464008 | 11391950 | 11452891 | 0.49   | cps   |
| Yttrium    | 89-2  | 1954194  | 1960605  | 1941761  | 1952187  | 0.49   | cps   |
| Zinc       | 66-2  | 11545    | 11301    | 11275    | 11373    | 1.31   | cps   |
| Zirconium  | 90-1  | 1675     | 1633     | 1525     | 1611     | 4.81   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-24-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:43:13  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 475  | 300  | 333  | 370     | 25.18  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-25 Instrumnet Name : P7  
 Client Sample ID : DC1849-25-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:46:38 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2018     | 2452     | 1475     | 1982     | 24.69  | cps   |
| Antimony   | 121-1 | 925      | 808      | 942      | 892      | 8.15   | cps   |
| Arsenic    | 75-2  | 165      | 217      | 219      | 200      | 15.24  | cps   |
| Barium     | 135-1 | 56240    | 55637    | 54993    | 55623    | 1.12   | cps   |
| Barium     | 137-1 | 97995    | 95528    | 95612    | 96378    | 1.45   | cps   |
| Beryllium  | 9-1   | 67       | 50       | 56       | 57       | 14.78  | cps   |
| Bismuth    | 209-1 | 8698532  | 8536019  | 8486497  | 8573683  | 1.29   | cps   |
| Bismuth    | 209-2 | 5795827  | 5806837  | 5717123  | 5773263  | 0.85   | cps   |
| Boron      | 10-1  | 1709     | 1725     | 1759     | 1731     | 1.47   | cps   |
| Boron      | 11-1  | 9136     | 8995     | 8628     | 8920     | 2.94   | cps   |
| Cadmium    | 111-1 | 2643     | 2485     | 2747     | 2625     | 5.03   | cps   |
| Cadmium    | 106-1 | 3726     | 3492     | 3917     | 3712     | 5.74   | cps   |
| Cadmium    | 108-1 | 33       | 50       | 29       | 38       | 29.40  | cps   |
| Calcium    | 43-1  | 236887   | 238002   | 236827   | 237239   | 0.28   | cps   |
| Calcium    | 44-1  | 3902086  | 3934544  | 3927236  | 3921289  | 0.43   | cps   |
| Chromium   | 52-2  | 1763     | 1870     | 2004     | 1879     | 6.40   | cps   |
| Cobalt     | 59-2  | 287      | 230      | 247      | 254      | 11.44  | cps   |
| Copper     | 63-2  | 915057   | 912630   | 903734   | 910474   | 0.65   | cps   |
| Dysprosium | 156-1 | 100      | 67       | 75       | 81       | 21.54  | cps   |
| Dysprosium | 156-2 | 47       | 37       | 37       | 40       | 14.43  | cps   |
| Erbium     | 164-1 | 125      | 92       | 75       | 97       | 26.19  | cps   |
| Erbium     | 164-2 | 53       | 70       | 90       | 71       | 25.82  | cps   |
| Gadolinium | 160-1 | 275      | 208      | 192      | 225      | 19.60  | cps   |
| Gadolinium | 160-2 | 167      | 210      | 157      | 178      | 15.95  | cps   |
| Holmium    | 165-1 | 13314015 | 13400530 | 13146163 | 13286903 | 0.97   | cps   |
| Holmium    | 165-2 | 7517419  | 7545278  | 7452009  | 7504902  | 0.64   | cps   |
| Indium     | 115-1 | 10891796 | 10908356 | 10757347 | 10852500 | 0.76   | cps   |
| Indium     | 115-2 | 2462686  | 2465138  | 2465216  | 2464347  | 0.06   | cps   |
| Iron       | 56-2  | 95784    | 111640   | 101520   | 102982   | 7.80   | cps   |
| Iron       | 57-2  | 3073     | 3490     | 3162     | 3241     | 6.77   | cps   |
| Lead       | 206-1 | 16310    | 16794    | 15815    | 16307    | 3.00   | cps   |
| Lead       | 207-1 | 13702    | 13257    | 12595    | 13185    | 4.22   | cps   |
| Lead       | 208-1 | 62887    | 62375    | 60578    | 61947    | 1.96   | cps   |
| Lithium    | 6-1   | 1923978  | 1895686  | 1924004  | 1914556  | 0.85   | cps   |
| Magnesium  | 24-2  | 423899   | 423206   | 423924   | 423677   | 0.10   | cps   |
| Manganese  | 55-2  | 32830    | 33458    | 33131    | 33140    | 0.95   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-25 Instrumnet Name : P7  
 Client Sample ID : DC1849-25-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:46:38 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 825      | 642      | 625      | 697      | 15.92  | cps   |
| Molybdenum | 95-1  | 308      | 433      | 333      | 358      | 18.46  | cps   |
| Molybdenum | 96-1  | 400      | 533      | 442      | 458      | 14.88  | cps   |
| Molybdenum | 97-1  | 242      | 267      | 300      | 269      | 10.86  | cps   |
| Molybdenum | 98-1  | 508      | 608      | 450      | 522      | 15.33  | cps   |
| Neodymium  | 150-1 | 80       | 67       | 53       | 67       | 19.99  | cps   |
| Neodymium  | 150-2 | 33       | 27       | 27       | 29       | 13.31  | cps   |
| Nickel     | 60-2  | 33188    | 33338    | 33318    | 33281    | 0.25   | cps   |
| Phosphorus | 31-2  | 6827     | 7385     | 7027     | 7080     | 4.00   | cps   |
| Potassium  | 39-2  | 236540   | 240752   | 238359   | 238550   | 0.89   | cps   |
| Rhodium    | 103-1 | 10261498 | 10268731 | 10266541 | 10265590 | 0.04   | cps   |
| Rhodium    | 103-2 | 5247501  | 5297794  | 5216552  | 5253949  | 0.78   | cps   |
| Scandium   | 45-1  | 7278170  | 7311331  | 7214845  | 7268115  | 0.67   | cps   |
| Scandium   | 45-2  | 396873   | 395752   | 395855   | 396160   | 0.16   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 111      | 107      | 111      | 3.33   | cps   |
| Selenium   | 82-1  | 122      | 398      | 127      | 216      | 73.15  | cps   |
| Silicon    | 28-1  | 8589199  | 8626797  | 8588670  | 8601555  | 0.25   | cps   |
| Silver     | 109-1 | 367      | 283      | 433      | 361      | 20.82  | cps   |
| Silver     | 107-1 | 375      | 350      | 325      | 350      | 7.14   | cps   |
| Sodium     | 23-2  | 6675904  | 6689767  | 6662620  | 6676097  | 0.20   | cps   |
| Strontium  | 86-1  | 82998    | 82554    | 82512    | 82688    | 0.33   | cps   |
| Strontium  | 88-1  | 708360   | 709006   | 699916   | 705761   | 0.72   | cps   |
| Sulfur     | 34-1  | 786375   | 793413   | 788148   | 789312   | 0.46   | cps   |
| Terbium    | 159-1 | 13815740 | 13789084 | 13871339 | 13825388 | 0.30   | cps   |
| Terbium    | 159-2 | 7494273  | 7470390  | 7464927  | 7476530  | 0.21   | cps   |
| Thallium   | 203-1 | 200      | 300      | 317      | 272      | 23.18  | cps   |
| Thallium   | 205-1 | 550      | 517      | 583      | 550      | 6.06   | cps   |
| Tin        | 118-1 | 758      | 875      | 708      | 781      | 10.96  | cps   |
| Titanium   | 47-1  | 1092     | 1117     | 1075     | 1095     | 1.92   | cps   |
| Uranium    | 238-1 | 458      | 283      | 392      | 378      | 23.38  | cps   |
| Vanadium   | 51-2  | 267      | 203      | 267      | 246      | 14.89  | cps   |
| Yttrium    | 89-1  | 11439463 | 11496302 | 11500657 | 11478807 | 0.30   | cps   |
| Yttrium    | 89-2  | 1993758  | 1992199  | 1981914  | 1989290  | 0.32   | cps   |
| Zinc       | 66-2  | 80685    | 80363    | 81301    | 80783    | 0.59   | cps   |
| Zirconium  | 90-1  | 1634     | 1467     | 1458     | 1520     | 6.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-25-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:46:38  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 308  | 292  | 292     | 5.72   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-26 Instrumnet Name : P7  
 Client Sample ID : DC1849-26-FL1-BRBCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:50:04 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1317     | 1650     | 1542     | 1503     | 11.32  | cps   |
| Antimony   | 121-1 | 775      | 792      | 833      | 800      | 3.76   | cps   |
| Arsenic    | 75-2  | 189      | 185      | 230      | 201      | 12.25  | cps   |
| Barium     | 135-1 | 51755    | 53529    | 53312    | 52865    | 1.83   | cps   |
| Barium     | 137-1 | 95940    | 91307    | 90721    | 92656    | 3.09   | cps   |
| Beryllium  | 9-1   | 61       | 67       | 33       | 54       | 33.26  | cps   |
| Bismuth    | 209-1 | 8539107  | 8522982  | 8410499  | 8490863  | 0.83   | cps   |
| Bismuth    | 209-2 | 5761951  | 5742051  | 5656928  | 5720310  | 0.98   | cps   |
| Boron      | 10-1  | 1817     | 1717     | 1750     | 1761     | 2.89   | cps   |
| Boron      | 11-1  | 8653     | 9003     | 9053     | 8903     | 2.45   | cps   |
| Cadmium    | 111-1 | 2718     | 2937     | 2559     | 2738     | 6.93   | cps   |
| Cadmium    | 106-1 | 3876     | 4168     | 3609     | 3884     | 7.19   | cps   |
| Cadmium    | 108-1 | 17       | 38       | 13       | 22       | 60.27  | cps   |
| Calcium    | 43-1  | 246581   | 245013   | 243057   | 244884   | 0.72   | cps   |
| Calcium    | 44-1  | 4066657  | 4044481  | 4010573  | 4040571  | 0.70   | cps   |
| Chromium   | 52-2  | 1700     | 1720     | 1710     | 1710     | 0.58   | cps   |
| Cobalt     | 59-2  | 157      | 163      | 167      | 162      | 3.14   | cps   |
| Copper     | 63-2  | 494846   | 493514   | 484495   | 490952   | 1.15   | cps   |
| Dysprosium | 156-1 | 50       | 83       | 133      | 89       | 47.19  | cps   |
| Dysprosium | 156-2 | 40       | 37       | 27       | 34       | 20.14  | cps   |
| Erbium     | 164-1 | 100      | 167      | 125      | 131      | 25.80  | cps   |
| Erbium     | 164-2 | 53       | 67       | 90       | 70       | 26.51  | cps   |
| Gadolinium | 160-1 | 167      | 167      | 183      | 172      | 5.59   | cps   |
| Gadolinium | 160-2 | 200      | 163      | 187      | 183      | 10.12  | cps   |
| Holmium    | 165-1 | 13406728 | 13432824 | 13243913 | 13361155 | 0.77   | cps   |
| Holmium    | 165-2 | 7507577  | 7488809  | 7366962  | 7454449  | 1.02   | cps   |
| Indium     | 115-1 | 10927702 | 10822881 | 10673368 | 10807983 | 1.18   | cps   |
| Indium     | 115-2 | 2433009  | 2454537  | 2394070  | 2427206  | 1.26   | cps   |
| Iron       | 56-2  | 126650   | 122403   | 181568   | 143540   | 22.99  | cps   |
| Iron       | 57-2  | 4152     | 3562     | 4129     | 3947     | 8.47   | cps   |
| Lead       | 206-1 | 3339     | 3351     | 3267     | 3319     | 1.36   | cps   |
| Lead       | 207-1 | 2900     | 2745     | 2995     | 2880     | 4.38   | cps   |
| Lead       | 208-1 | 13320    | 13042    | 13047    | 13136    | 1.21   | cps   |
| Lithium    | 6-1   | 1931849  | 1903352  | 1916809  | 1917337  | 0.74   | cps   |
| Magnesium  | 24-2  | 421100   | 418408   | 413641   | 417717   | 0.90   | cps   |
| Manganese  | 55-2  | 31434    | 31046    | 31000    | 31160    | 0.76   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-26-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:50:04  | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 900      | 750      | 750      | 800      | 10.83  | cps   |
| Molybdenum | 95-1  | 400      | 342      | 408      | 383      | 9.48   | cps   |
| Molybdenum | 96-1  | 433      | 467      | 417      | 439      | 5.80   | cps   |
| Molybdenum | 97-1  | 258      | 250      | 392      | 300      | 26.50  | cps   |
| Molybdenum | 98-1  | 500      | 533      | 483      | 506      | 5.03   | cps   |
| Neodymium  | 150-1 | 80       | 67       | 60       | 69       | 14.78  | cps   |
| Neodymium  | 150-2 | 40       | 37       | 17       | 31       | 40.56  | cps   |
| Nickel     | 60-2  | 1527     | 1553     | 1447     | 1509     | 3.68   | cps   |
| Phosphorus | 31-2  | 7410     | 7277     | 7185     | 7291     | 1.55   | cps   |
| Potassium  | 39-2  | 239122   | 243152   | 241652   | 241309   | 0.84   | cps   |
| Rhodium    | 103-1 | 10267224 | 10329711 | 10258758 | 10285231 | 0.38   | cps   |
| Rhodium    | 103-2 | 5220329  | 5207443  | 5103751  | 5177175  | 1.23   | cps   |
| Scandium   | 45-1  | 7316662  | 7319344  | 7244242  | 7293416  | 0.58   | cps   |
| Scandium   | 45-2  | 389868   | 390156   | 387157   | 389061   | 0.43   | cps   |
| Selenium   | 77-2  | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Selenium   | 78-2  | 117      | 98       | 154      | 123      | 23.03  | cps   |
| Selenium   | 82-1  | 348      | 41       | 235      | 208      | 74.73  | cps   |
| Silicon    | 28-1  | 8698095  | 8770551  | 8636902  | 8701850  | 0.77   | cps   |
| Silver     | 109-1 | 117      | 200      | 150      | 156      | 26.96  | cps   |
| Silver     | 107-1 | 225      | 242      | 233      | 233      | 3.57   | cps   |
| Sodium     | 23-2  | 6764570  | 6758481  | 6618731  | 6713927  | 1.23   | cps   |
| Strontium  | 86-1  | 84876    | 84867    | 83007    | 84250    | 1.28   | cps   |
| Strontium  | 88-1  | 717342   | 722936   | 704899   | 715059   | 1.29   | cps   |
| Sulfur     | 34-1  | 797859   | 794704   | 786549   | 793037   | 0.74   | cps   |
| Terbium    | 159-1 | 13910707 | 13651737 | 13553263 | 13705236 | 1.35   | cps   |
| Terbium    | 159-2 | 7482390  | 7450393  | 7394538  | 7442440  | 0.60   | cps   |
| Thallium   | 203-1 | 300      | 258      | 208      | 256      | 17.96  | cps   |
| Thallium   | 205-1 | 617      | 742      | 683      | 681      | 9.19   | cps   |
| Tin        | 118-1 | 683      | 850      | 675      | 736      | 13.42  | cps   |
| Titanium   | 47-1  | 1409     | 1150     | 1225     | 1261     | 10.54  | cps   |
| Uranium    | 238-1 | 458      | 542      | 558      | 519      | 10.31  | cps   |
| Vanadium   | 51-2  | 313      | 287      | 243      | 281      | 12.57  | cps   |
| Yttrium    | 89-1  | 11476757 | 11534969 | 11289358 | 11433695 | 1.12   | cps   |
| Yttrium    | 89-2  | 1962230  | 1967928  | 1928755  | 1952971  | 1.08   | cps   |
| Zinc       | 66-2  | 10961    | 10747    | 10964    | 10891    | 1.14   | cps   |
| Zirconium  | 90-1  | 1717     | 1567     | 1759     | 1681     | 6.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-26-FL1-BRBCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:50:04  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 467  | 442  | 425     | 12.25  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-27 Instrumnet Name : P7  
 Client Sample ID : DC1849-27-FL1-SR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 18:53:29 DataFile Name : 051SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3017     | 1584     | 1600     | 2067     | 39.80  | cps   |
| Antimony   | 121-1 | 967      | 792      | 933      | 897      | 10.36  | cps   |
| Arsenic    | 75-2  | 202      | 198      | 176      | 192      | 7.30   | cps   |
| Barium     | 135-1 | 53555    | 52207    | 54449    | 53404    | 2.11   | cps   |
| Barium     | 137-1 | 94230    | 92968    | 91626    | 92941    | 1.40   | cps   |
| Beryllium  | 9-1   | 56       | 56       | 67       | 59       | 10.82  | cps   |
| Bismuth    | 209-1 | 8757784  | 8649877  | 8748646  | 8718769  | 0.69   | cps   |
| Bismuth    | 209-2 | 5736656  | 5840761  | 5797342  | 5791587  | 0.90   | cps   |
| Boron      | 10-1  | 1617     | 1917     | 1934     | 1822     | 9.78   | cps   |
| Boron      | 11-1  | 9295     | 9112     | 9195     | 9200     | 1.00   | cps   |
| Cadmium    | 111-1 | 2625     | 3004     | 2681     | 2770     | 7.37   | cps   |
| Cadmium    | 106-1 | 3642     | 4234     | 3734     | 3870     | 8.23   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 242169   | 237298   | 236300   | 238589   | 1.32   | cps   |
| Calcium    | 44-1  | 3977224  | 3929227  | 3901344  | 3935931  | 0.98   | cps   |
| Chromium   | 52-2  | 1817     | 1690     | 1857     | 1788     | 4.87   | cps   |
| Cobalt     | 59-2  | 173      | 150      | 220      | 181      | 19.68  | cps   |
| Copper     | 63-2  | 889607   | 891338   | 891117   | 890687   | 0.11   | cps   |
| Dysprosium | 156-1 | 75       | 50       | 92       | 72       | 29.04  | cps   |
| Dysprosium | 156-2 | 43       | 17       | 30       | 30       | 44.43  | cps   |
| Erbium     | 164-1 | 75       | 117      | 100      | 97       | 21.57  | cps   |
| Erbium     | 164-2 | 27       | 47       | 50       | 41       | 30.69  | cps   |
| Gadolinium | 160-1 | 208      | 217      | 258      | 228      | 11.76  | cps   |
| Gadolinium | 160-2 | 147      | 217      | 117      | 160      | 32.07  | cps   |
| Holmium    | 165-1 | 13605116 | 13476190 | 13281526 | 13454277 | 1.21   | cps   |
| Holmium    | 165-2 | 7500734  | 7617012  | 7510369  | 7542705  | 0.86   | cps   |
| Indium     | 115-1 | 11159239 | 11060669 | 11012508 | 11077472 | 0.68   | cps   |
| Indium     | 115-2 | 2456868  | 2454440  | 2475274  | 2462194  | 0.46   | cps   |
| Iron       | 56-2  | 152933   | 152820   | 159880   | 155211   | 2.61   | cps   |
| Iron       | 57-2  | 4540     | 4301     | 4768     | 4536     | 5.15   | cps   |
| Lead       | 206-1 | 10138    | 9565     | 9459     | 9720     | 3.76   | cps   |
| Lead       | 207-1 | 8325     | 8147     | 7714     | 8062     | 3.90   | cps   |
| Lead       | 208-1 | 37838    | 37110    | 36671    | 37206    | 1.59   | cps   |
| Lithium    | 6-1   | 1973093  | 1923821  | 1915814  | 1937576  | 1.60   | cps   |
| Magnesium  | 24-2  | 415360   | 412348   | 414667   | 414125   | 0.38   | cps   |
| Manganese  | 55-2  | 35349    | 35376    | 34664    | 35130    | 1.15   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-27-FL1-SR-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:53:29   | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 808      | 15925    | 675      | 5803     | 151.07 | cps   |
| Molybdenum | 95-1  | 417      | 325      | 308      | 350      | 16.67  | cps   |
| Molybdenum | 96-1  | 375      | 458      | 442      | 425      | 10.38  | cps   |
| Molybdenum | 97-1  | 300      | 250      | 217      | 256      | 16.41  | cps   |
| Molybdenum | 98-1  | 675      | 683      | 542      | 633      | 12.55  | cps   |
| Neodymium  | 150-1 | 27       | 73       | 53       | 51       | 45.81  | cps   |
| Neodymium  | 150-2 | 63       | 17       | 23       | 34       | 73.28  | cps   |
| Nickel     | 60-2  | 2420     | 2497     | 2467     | 2461     | 1.57   | cps   |
| Phosphorus | 31-2  | 7352     | 6952     | 6902     | 7069     | 3.49   | cps   |
| Potassium  | 39-2  | 236769   | 241344   | 239435   | 239183   | 0.96   | cps   |
| Rhodium    | 103-1 | 10395622 | 10409660 | 10378732 | 10394671 | 0.15   | cps   |
| Rhodium    | 103-2 | 5188936  | 5240005  | 5287754  | 5238898  | 0.94   | cps   |
| Scandium   | 45-1  | 7469191  | 7430839  | 7436749  | 7445593  | 0.28   | cps   |
| Scandium   | 45-2  | 394539   | 393342   | 394464   | 394115   | 0.17   | cps   |
| Selenium   | 77-2  | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 122      | 124      | 131      | 126      | 3.89   | cps   |
| Selenium   | 82-1  | 118      | 202      | 136      | 152      | 28.88  | cps   |
| Silicon    | 28-1  | 8906932  | 8674198  | 8617996  | 8733042  | 1.75   | cps   |
| Silver     | 109-1 | 192      | 383      | 308      | 294      | 32.80  | cps   |
| Silver     | 107-1 | 350      | 267      | 325      | 314      | 13.62  | cps   |
| Sodium     | 23-2  | 6745884  | 6697152  | 6697562  | 6713533  | 0.42   | cps   |
| Strontium  | 86-1  | 82277    | 83660    | 83324    | 83087    | 0.87   | cps   |
| Strontium  | 88-1  | 715023   | 706119   | 704233   | 708458   | 0.81   | cps   |
| Sulfur     | 34-1  | 799457   | 797174   | 791367   | 795999   | 0.52   | cps   |
| Terbium    | 159-1 | 14147834 | 13901642 | 13904469 | 13984649 | 1.01   | cps   |
| Terbium    | 159-2 | 7481383  | 7530166  | 7440900  | 7484150  | 0.60   | cps   |
| Thallium   | 203-1 | 258      | 275      | 267      | 267      | 3.13   | cps   |
| Thallium   | 205-1 | 550      | 608      | 592      | 583      | 5.15   | cps   |
| Tin        | 118-1 | 617      | 675      | 608      | 633      | 5.74   | cps   |
| Titanium   | 47-1  | 2053     | 1192     | 1292     | 1512     | 31.16  | cps   |
| Uranium    | 238-1 | 492      | 392      | 458      | 447      | 11.39  | cps   |
| Vanadium   | 51-2  | 273      | 297      | 280      | 283      | 4.24   | cps   |
| Yttrium    | 89-1  | 11638802 | 11610835 | 11497754 | 11582463 | 0.64   | cps   |
| Yttrium    | 89-2  | 1974015  | 1972295  | 1975817  | 1974042  | 0.09   | cps   |
| Zinc       | 66-2  | 59317    | 60200    | 59839    | 59785    | 0.74   | cps   |
| Zirconium  | 90-1  | 1500     | 1567     | 1625     | 1564     | 4.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-27-FL1-SR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:53:29  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 292  | 317  | 331     | 14.34  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:56:53 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 825      | 758      | 692      | 758      | 8.79   | cps   |
| Antimony   | 121-1 | 275      | 258      | 142      | 225      | 32.29  | cps   |
| Arsenic    | 75-2  | 28       | 15       | 15       | 19       | 39.14  | cps   |
| Barium     | 135-1 | 183      | 108      | 100      | 131      | 35.16  | cps   |
| Barium     | 137-1 | 208      | 142      | 300      | 217      | 36.69  | cps   |
| Beryllium  | 9-1   | 50       | 44       | 78       | 57       | 31.11  | cps   |
| Bismuth    | 209-1 | 8179227  | 8067656  | 8094917  | 8113933  | 0.72   | cps   |
| Bismuth    | 209-2 | 5480463  | 5550253  | 5416730  | 5482482  | 1.22   | cps   |
| Boron      | 10-1  | 533      | 550      | 508      | 531      | 3.95   | cps   |
| Boron      | 11-1  | 2517     | 2467     | 2484     | 2489     | 1.02   | cps   |
| Cadmium    | 111-1 | 2718     | 2708     | 2550     | 2659     | 3.55   | cps   |
| Cadmium    | 106-1 | 3876     | 3867     | 3634     | 3792     | 3.62   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 21       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 550      | 508      | 425      | 494      | 12.87  | cps   |
| Calcium    | 44-1  | 24856    | 23536    | 24972    | 24455    | 3.26   | cps   |
| Chromium   | 52-2  | 1970     | 1827     | 1803     | 1867     | 4.83   | cps   |
| Cobalt     | 59-2  | 133      | 103      | 97       | 111      | 17.58  | cps   |
| Copper     | 63-2  | 1653     | 1590     | 1700     | 1648     | 3.35   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Dysprosium | 156-2 | 10       | 13       | 3        | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 58       | 42       | 50       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 30       | 10       | 30       | 23       | 49.49  | cps   |
| Gadolinium | 160-1 | 125      | 192      | 83       | 133      | 40.98  | cps   |
| Gadolinium | 160-2 | 100      | 143      | 140      | 128      | 18.87  | cps   |
| Holmium    | 165-1 | 12436588 | 12506212 | 12485739 | 12476180 | 0.29   | cps   |
| Holmium    | 165-2 | 7128825  | 7229856  | 7088084  | 7148921  | 1.02   | cps   |
| Indium     | 115-1 | 10229128 | 10127642 | 10208876 | 10188549 | 0.53   | cps   |
| Indium     | 115-2 | 2337386  | 2355644  | 2315539  | 2336190  | 0.86   | cps   |
| Iron       | 56-2  | 9564     | 9275     | 9676     | 9505     | 2.17   | cps   |
| Iron       | 57-2  | 506      | 483      | 439      | 476      | 7.13   | cps   |
| Lead       | 206-1 | 4969493  | 4932761  | 4877751  | 4926668  | 0.94   | cps   |
| Lead       | 207-1 | 4431238  | 4376442  | 4378334  | 4395338  | 0.71   | cps   |
| Lead       | 208-1 | 20017163 | 19776264 | 19717857 | 19837095 | 0.80   | cps   |
| Lithium    | 6-1   | 1782434  | 1774825  | 1788242  | 1781834  | 0.38   | cps   |
| Magnesium  | 24-2  | 367      | 425      | 392      | 394      | 7.42   | cps   |
| Manganese  | 55-2  | 83       | 53       | 97       | 78       | 28.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:56:53 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 375      | 300      | 292      | 322      | 14.24  | cps   |
| Molybdenum | 95-1  | 125      | 200      | 167      | 164      | 22.93  | cps   |
| Molybdenum | 96-1  | 300      | 300      | 192      | 264      | 23.70  | cps   |
| Molybdenum | 97-1  | 225      | 175      | 208      | 203      | 12.55  | cps   |
| Molybdenum | 98-1  | 250      | 283      | 292      | 275      | 8.02   | cps   |
| Neodymium  | 150-1 | 27       | 13       | 20       | 20       | 33.35  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 103      | 93       | 97       | 98       | 5.21   | cps   |
| Phosphorus | 31-2  | 183      | 275      | 225      | 228      | 20.15  | cps   |
| Potassium  | 39-2  | 64072    | 64558    | 64215    | 64282    | 0.39   | cps   |
| Rhodium    | 103-1 | 9765509  | 9681048  | 9651036  | 9699198  | 0.61   | cps   |
| Rhodium    | 103-2 | 5019137  | 5063531  | 4958743  | 5013804  | 1.05   | cps   |
| Scandium   | 45-1  | 6887311  | 6849696  | 6895674  | 6877560  | 0.36   | cps   |
| Scandium   | 45-2  | 375590   | 376495   | 368565   | 373550   | 1.16   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 137      | 137      | 120      | 131      | 7.32   | cps   |
| Selenium   | 82-1  | 141      | 30       | 58       | 76       | 75.77  | cps   |
| Silicon    | 28-1  | 662329   | 667885   | 669710   | 666641   | 0.58   | cps   |
| Silver     | 109-1 | 142      | 183      | 167      | 164      | 12.80  | cps   |
| Silver     | 107-1 | 142      | 142      | 217      | 167      | 25.98  | cps   |
| Sodium     | 23-2  | 52744    | 52033    | 52442    | 52406    | 0.68   | cps   |
| Strontium  | 86-1  | 1734     | 1942     | 1792     | 1822     | 5.90   | cps   |
| Strontium  | 88-1  | 750      | 583      | 683      | 672      | 12.48  | cps   |
| Sulfur     | 34-1  | 709770   | 709004   | 708464   | 709079   | 0.09   | cps   |
| Terbium    | 159-1 | 13045349 | 12770839 | 12997984 | 12938057 | 1.13   | cps   |
| Terbium    | 159-2 | 7127823  | 7136357  | 7033965  | 7099382  | 0.80   | cps   |
| Thallium   | 203-1 | 300      | 208      | 300      | 269      | 19.64  | cps   |
| Thallium   | 205-1 | 592      | 500      | 642      | 578      | 12.44  | cps   |
| Tin        | 118-1 | 942      | 983      | 1083     | 1003     | 7.26   | cps   |
| Titanium   | 47-1  | 183      | 275      | 292      | 250      | 23.33  | cps   |
| Uranium    | 238-1 | 283      | 333      | 258      | 292      | 13.09  | cps   |
| Vanadium   | 51-2  | 27       | 20       | 27       | 24       | 15.75  | cps   |
| Yttrium    | 89-1  | 10673411 | 10692062 | 10761688 | 10709054 | 0.43   | cps   |
| Yttrium    | 89-2  | 1886867  | 1892423  | 1855637  | 1878309  | 1.06   | cps   |
| Zinc       | 66-2  | 433      | 403      | 433      | 423      | 4.09   | cps   |
| Zirconium  | 90-1  | 742      | 775      | 567      | 694      | 16.12  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 18:56:53 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 117  | 167  | 142     | 17.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:00:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 142      | 150      | 147      | 3.27   | cps   |
| Antimony   | 121-1 | 175      | 175      | 217      | 189      | 12.74  | cps   |
| Arsenic    | 75-2  | 17       | 17       | 15       | 16       | 6.69   | cps   |
| Barium     | 135-1 | 100      | 150      | 75       | 108      | 35.25  | cps   |
| Barium     | 137-1 | 217      | 167      | 183      | 189      | 13.48  | cps   |
| Beryllium  | 9-1   | 28       | 50       | 39       | 39       | 28.57  | cps   |
| Bismuth    | 209-1 | 8020345  | 8106467  | 8050698  | 8059170  | 0.54   | cps   |
| Bismuth    | 209-2 | 5439466  | 5456494  | 5486763  | 5460908  | 0.44   | cps   |
| Boron      | 10-1  | 317      | 417      | 350      | 361      | 14.10  | cps   |
| Boron      | 11-1  | 1884     | 1634     | 1558     | 1692     | 10.06  | cps   |
| Cadmium    | 111-1 | 2323     | 2730     | 2583     | 2545     | 8.09   | cps   |
| Cadmium    | 106-1 | 3326     | 3917     | 3684     | 3642     | 8.18   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 13       | 18       | 53.30  | cps   |
| Calcium    | 43-1  | 350      | 258      | 425      | 344      | 24.23  | cps   |
| Calcium    | 44-1  | 23729    | 22986    | 23211    | 23308    | 1.63   | cps   |
| Chromium   | 52-2  | 1740     | 1893     | 1780     | 1805     | 4.41   | cps   |
| Cobalt     | 59-2  | 60       | 57       | 70       | 62       | 11.15  | cps   |
| Copper     | 63-2  | 1500     | 1507     | 1593     | 1533     | 3.40   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 33       | 42       | 58       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 20       | 17       | 23       | 20       | 16.65  | cps   |
| Gadolinium | 160-1 | 117      | 175      | 108      | 133      | 27.24  | cps   |
| Gadolinium | 160-2 | 147      | 123      | 113      | 128      | 13.38  | cps   |
| Holmium    | 165-1 | 12443763 | 12314045 | 12477501 | 12411769 | 0.70   | cps   |
| Holmium    | 165-2 | 7147083  | 7077545  | 7123998  | 7116209  | 0.50   | cps   |
| Indium     | 115-1 | 10113413 | 10226985 | 10226434 | 10188944 | 0.64   | cps   |
| Indium     | 115-2 | 2328484  | 2329889  | 2319713  | 2326029  | 0.24   | cps   |
| Iron       | 56-2  | 7280     | 7291     | 7630     | 7400     | 2.69   | cps   |
| Iron       | 57-2  | 339      | 439      | 372      | 383      | 13.28  | cps   |
| Lead       | 206-1 | 1617     | 1417     | 1361     | 1465     | 9.18   | cps   |
| Lead       | 207-1 | 1439     | 1383     | 1272     | 1365     | 6.22   | cps   |
| Lead       | 208-1 | 6695     | 6167     | 5678     | 6180     | 8.23   | cps   |
| Lithium    | 6-1   | 1788942  | 1780597  | 1794216  | 1787918  | 0.38   | cps   |
| Magnesium  | 24-2  | 275      | 392      | 317      | 328      | 18.04  | cps   |
| Manganese  | 55-2  | 37       | 43       | 53       | 44       | 18.87  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:00:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 192      | 283      | 208      | 228      | 21.44  | cps   |
| Molybdenum | 95-1  | 125      | 58       | 75       | 86       | 40.29  | cps   |
| Molybdenum | 96-1  | 125      | 158      | 100      | 128      | 22.90  | cps   |
| Molybdenum | 97-1  | 125      | 100      | 158      | 128      | 22.90  | cps   |
| Molybdenum | 98-1  | 183      | 67       | 75       | 108      | 60.08  | cps   |
| Neodymium  | 150-1 | 7        | 20       | 7        | 11       | 69.25  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Nickel     | 60-2  | 77       | 60       | 67       | 68       | 12.38  | cps   |
| Phosphorus | 31-2  | 242      | 275      | 258      | 258      | 6.45   | cps   |
| Potassium  | 39-2  | 64174    | 63009    | 62081    | 63088    | 1.66   | cps   |
| Rhodium    | 103-1 | 9571740  | 9737120  | 9743769  | 9684210  | 1.01   | cps   |
| Rhodium    | 103-2 | 5008151  | 4969544  | 5017568  | 4998421  | 0.51   | cps   |
| Scandium   | 45-1  | 6805007  | 6829629  | 6804098  | 6812911  | 0.21   | cps   |
| Scandium   | 45-2  | 373590   | 372222   | 371997   | 372603   | 0.23   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 122      | 94       | 146      | 121      | 21.45  | cps   |
| Selenium   | 82-1  | 224      | 261      | 296      | 260      | 13.85  | cps   |
| Silicon    | 28-1  | 656394   | 653346   | 656568   | 655436   | 0.28   | cps   |
| Silver     | 109-1 | 100      | 100      | 75       | 92       | 15.75  | cps   |
| Silver     | 107-1 | 125      | 117      | 117      | 119      | 4.03   | cps   |
| Sodium     | 23-2  | 51924    | 53112    | 51649    | 52228    | 1.49   | cps   |
| Strontium  | 86-1  | 2059     | 1542     | 1742     | 1781     | 14.63  | cps   |
| Strontium  | 88-1  | 375      | 383      | 350      | 369      | 4.70   | cps   |
| Sulfur     | 34-1  | 713686   | 706353   | 703207   | 707749   | 0.76   | cps   |
| Terbium    | 159-1 | 12856159 | 12967325 | 12849695 | 12891060 | 0.51   | cps   |
| Terbium    | 159-2 | 7116923  | 7112723  | 7122732  | 7117459  | 0.07   | cps   |
| Thallium   | 203-1 | 108      | 158      | 158      | 142      | 20.38  | cps   |
| Thallium   | 205-1 | 383      | 400      | 492      | 425      | 13.73  | cps   |
| Tin        | 118-1 | 1117     | 1025     | 1008     | 1050     | 5.56   | cps   |
| Titanium   | 47-1  | 208      | 300      | 275      | 261      | 18.15  | cps   |
| Uranium    | 238-1 | 50       | 83       | 50       | 61       | 31.50  | cps   |
| Vanadium   | 51-2  | 10       | 40       | 3        | 18       | 109.88 | cps   |
| Yttrium    | 89-1  | 10631388 | 10722424 | 10786848 | 10713553 | 0.73   | cps   |
| Yttrium    | 89-2  | 1877696  | 1866530  | 1870760  | 1871662  | 0.30   | cps   |
| Zinc       | 66-2  | 330      | 290      | 283      | 301      | 8.38   | cps   |
| Zirconium  | 90-1  | 567      | 742      | 625      | 644      | 13.83  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB86               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB86               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:00:19 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 142  | 117  | 125     | 11.55  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-28 Instrumnet Name : P7  
 Client Sample ID : DC1849-28-FL1-SR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:03:45 DataFile Name : 054SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2395     | 1625     | 1517     | 1846     | 25.93  | cps   |
| Antimony   | 121-1 | 742      | 733      | 633      | 703      | 8.58   | cps   |
| Arsenic    | 75-2  | 206      | 215      | 167      | 196      | 13.06  | cps   |
| Barium     | 135-1 | 50702    | 51204    | 51429    | 51112    | 0.73   | cps   |
| Barium     | 137-1 | 88708    | 89237    | 89312    | 89085    | 0.37   | cps   |
| Beryllium  | 9-1   | 17       | 50       | 61       | 43       | 54.30  | cps   |
| Bismuth    | 209-1 | 8342782  | 8301816  | 8290857  | 8311818  | 0.33   | cps   |
| Bismuth    | 209-2 | 5580450  | 5660122  | 5690496  | 5643689  | 1.01   | cps   |
| Boron      | 10-1  | 1667     | 1450     | 1667     | 1595     | 7.85   | cps   |
| Boron      | 11-1  | 8228     | 8136     | 7877     | 8080     | 2.25   | cps   |
| Cadmium    | 111-1 | 2684     | 2312     | 2451     | 2482     | 7.57   | cps   |
| Cadmium    | 106-1 | 3809     | 3284     | 3509     | 3534     | 7.46   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Calcium    | 43-1  | 231866   | 231095   | 231153   | 231371   | 0.19   | cps   |
| Calcium    | 44-1  | 3837300  | 3793859  | 3824577  | 3818579  | 0.58   | cps   |
| Chromium   | 52-2  | 1980     | 1953     | 1917     | 1950     | 1.63   | cps   |
| Cobalt     | 59-2  | 187      | 153      | 133      | 158      | 17.07  | cps   |
| Copper     | 63-2  | 545979   | 553790   | 553677   | 551149   | 0.81   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 58       | 64       | 7.53   | cps   |
| Dysprosium | 156-2 | 17       | 33       | 37       | 29       | 37.08  | cps   |
| Erbium     | 164-1 | 92       | 108      | 133      | 111      | 18.88  | cps   |
| Erbium     | 164-2 | 60       | 63       | 53       | 59       | 8.65   | cps   |
| Gadolinium | 160-1 | 92       | 208      | 183      | 161      | 38.13  | cps   |
| Gadolinium | 160-2 | 143      | 187      | 220      | 183      | 20.97  | cps   |
| Holmium    | 165-1 | 13033596 | 13084169 | 12895356 | 13004374 | 0.75   | cps   |
| Holmium    | 165-2 | 7347691  | 7366478  | 7359083  | 7357751  | 0.13   | cps   |
| Indium     | 115-1 | 10596324 | 10685866 | 10697203 | 10659798 | 0.52   | cps   |
| Indium     | 115-2 | 2376287  | 2417082  | 2417537  | 2403635  | 0.99   | cps   |
| Iron       | 56-2  | 134466   | 152641   | 169157   | 152088   | 11.41  | cps   |
| Iron       | 57-2  | 4362     | 4417     | 4679     | 4486     | 3.78   | cps   |
| Lead       | 206-1 | 3856     | 3712     | 3945     | 3838     | 3.07   | cps   |
| Lead       | 207-1 | 3234     | 3301     | 3056     | 3197     | 3.95   | cps   |
| Lead       | 208-1 | 15082    | 14798    | 14754    | 14878    | 1.20   | cps   |
| Lithium    | 6-1   | 1859649  | 1855191  | 1873738  | 1862859  | 0.52   | cps   |
| Magnesium  | 24-2  | 403997   | 405519   | 405807   | 405107   | 0.24   | cps   |
| Manganese  | 55-2  | 34397    | 34607    | 34694    | 34566    | 0.44   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-28-FL1-SR-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:03:45   | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 792      | 800      | 667      | 753      | 9.92   | cps   |
| Molybdenum | 95-1  | 233      | 300      | 350      | 294      | 19.88  | cps   |
| Molybdenum | 96-1  | 492      | 450      | 417      | 453      | 8.30   | cps   |
| Molybdenum | 97-1  | 225      | 333      | 283      | 281      | 19.33  | cps   |
| Molybdenum | 98-1  | 517      | 500      | 500      | 506      | 1.90   | cps   |
| Neodymium  | 150-1 | 60       | 67       | 33       | 53       | 33.08  | cps   |
| Neodymium  | 150-2 | 47       | 17       | 23       | 29       | 54.53  | cps   |
| Nickel     | 60-2  | 763      | 767      | 807      | 779      | 3.10   | cps   |
| Phosphorus | 31-2  | 6935     | 6643     | 7152     | 6910     | 3.69   | cps   |
| Potassium  | 39-2  | 230472   | 231172   | 235465   | 232370   | 1.16   | cps   |
| Rhodium    | 103-1 | 10068983 | 9983065  | 10033155 | 10028401 | 0.43   | cps   |
| Rhodium    | 103-2 | 5088528  | 5151884  | 5164599  | 5135004  | 0.79   | cps   |
| Scandium   | 45-1  | 7157782  | 7047913  | 7167817  | 7124504  | 0.93   | cps   |
| Scandium   | 45-2  | 379815   | 384180   | 388139   | 384045   | 1.08   | cps   |
| Selenium   | 77-2  | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 126      | 126      | 109      | 120      | 8.00   | cps   |
| Selenium   | 82-1  | 295      | 177      | 258      | 243      | 24.83  | cps   |
| Silicon    | 28-1  | 8445777  | 8350692  | 8375211  | 8390560  | 0.59   | cps   |
| Silver     | 109-1 | 208      | 242      | 250      | 233      | 9.45   | cps   |
| Silver     | 107-1 | 258      | 217      | 125      | 200      | 34.10  | cps   |
| Sodium     | 23-2  | 6499846  | 6540622  | 6517054  | 6519174  | 0.31   | cps   |
| Strontium  | 86-1  | 79260    | 79838    | 81238    | 80112    | 1.27   | cps   |
| Strontium  | 88-1  | 696691   | 690652   | 687114   | 691485   | 0.70   | cps   |
| Sulfur     | 34-1  | 793268   | 796161   | 795513   | 794981   | 0.19   | cps   |
| Terbium    | 159-1 | 13474753 | 13378846 | 13601847 | 13485149 | 0.83   | cps   |
| Terbium    | 159-2 | 7255625  | 7275102  | 7387771  | 7306166  | 0.98   | cps   |
| Thallium   | 203-1 | 250      | 200      | 200      | 217      | 13.32  | cps   |
| Thallium   | 205-1 | 417      | 658      | 550      | 542      | 22.35  | cps   |
| Tin        | 118-1 | 808      | 883      | 683      | 792      | 12.76  | cps   |
| Titanium   | 47-1  | 1267     | 1392     | 4702     | 2453     | 79.40  | cps   |
| Uranium    | 238-1 | 492      | 567      | 492      | 517      | 8.38   | cps   |
| Vanadium   | 51-2  | 313      | 327      | 263      | 301      | 11.09  | cps   |
| Yttrium    | 89-1  | 11276716 | 11292444 | 11113882 | 11227680 | 0.88   | cps   |
| Yttrium    | 89-2  | 1910070  | 1941033  | 1946199  | 1932434  | 1.01   | cps   |
| Zinc       | 66-2  | 14784    | 15158    | 15632    | 15191    | 2.80   | cps   |
| Zirconium  | 90-1  | 1809     | 1917     | 1734     | 1820     | 5.07   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-28-FL1-SR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:03:45  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 392  | 358  | 403     | 12.64  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-29 Instrumnet Name : P7  
 Client Sample ID : DC1849-29-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:07:09 DataFile Name : 055SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1759     | 1609     | 1508     | 1625     | 7.75   | cps   |
| Antimony   | 121-1 | 725      | 758      | 742      | 742      | 2.25   | cps   |
| Arsenic    | 75-2  | 183      | 185      | 200      | 190      | 4.82   | cps   |
| Barium     | 135-1 | 55102    | 56917    | 55077    | 55698    | 1.89   | cps   |
| Barium     | 137-1 | 96618    | 96644    | 95109    | 96124    | 0.91   | cps   |
| Beryllium  | 9-1   | 78       | 83       | 44       | 69       | 30.69  | cps   |
| Bismuth    | 209-1 | 8736902  | 8729857  | 8779729  | 8748829  | 0.31   | cps   |
| Bismuth    | 209-2 | 5785110  | 5782461  | 5766600  | 5778057  | 0.17   | cps   |
| Boron      | 10-1  | 1834     | 1500     | 1692     | 1675     | 9.99   | cps   |
| Boron      | 11-1  | 8619     | 8853     | 9036     | 8836     | 2.37   | cps   |
| Cadmium    | 111-1 | 2926     | 2679     | 2652     | 2752     | 5.49   | cps   |
| Cadmium    | 106-1 | 4109     | 3784     | 3742     | 3878     | 5.18   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 25       | 18       | 35.25  | cps   |
| Calcium    | 43-1  | 242250   | 236357   | 242476   | 240361   | 1.44   | cps   |
| Calcium    | 44-1  | 4035870  | 3956630  | 3958318  | 3983606  | 1.14   | cps   |
| Chromium   | 52-2  | 1890     | 1790     | 2017     | 1899     | 5.98   | cps   |
| Cobalt     | 59-2  | 267      | 237      | 223      | 242      | 9.16   | cps   |
| Copper     | 63-2  | 725136   | 720587   | 723541   | 723088   | 0.32   | cps   |
| Dysprosium | 156-1 | 42       | 92       | 67       | 67       | 37.50  | cps   |
| Dysprosium | 156-2 | 43       | 50       | 50       | 48       | 8.06   | cps   |
| Erbium     | 164-1 | 150      | 158      | 83       | 131      | 31.49  | cps   |
| Erbium     | 164-2 | 47       | 73       | 37       | 52       | 36.29  | cps   |
| Gadolinium | 160-1 | 150      | 167      | 292      | 203      | 38.18  | cps   |
| Gadolinium | 160-2 | 167      | 187      | 137      | 163      | 15.41  | cps   |
| Holmium    | 165-1 | 13567362 | 13451886 | 13440868 | 13486706 | 0.52   | cps   |
| Holmium    | 165-2 | 7615122  | 7574854  | 7505882  | 7565286  | 0.73   | cps   |
| Indium     | 115-1 | 11202485 | 11051327 | 11110827 | 11121546 | 0.68   | cps   |
| Indium     | 115-2 | 2477168  | 2478882  | 2455543  | 2470531  | 0.53   | cps   |
| Iron       | 56-2  | 104629   | 108521   | 108987   | 107379   | 2.23   | cps   |
| Iron       | 57-2  | 3578     | 3273     | 3662     | 3504     | 5.85   | cps   |
| Lead       | 206-1 | 11683    | 11861    | 11683    | 11742    | 0.87   | cps   |
| Lead       | 207-1 | 9798     | 9737     | 9593     | 9709     | 1.09   | cps   |
| Lead       | 208-1 | 45014    | 44635    | 44736    | 44795    | 0.44   | cps   |
| Lithium    | 6-1   | 1929758  | 1921713  | 1929846  | 1927106  | 0.24   | cps   |
| Magnesium  | 24-2  | 424192   | 421096   | 421954   | 422414   | 0.38   | cps   |
| Manganese  | 55-2  | 32937    | 32790    | 32536    | 32754    | 0.62   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-29-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:07:09   | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 742      | 742      | 733      | 1.97   | cps   |
| Molybdenum | 95-1  | 233      | 250      | 342      | 275      | 21.21  | cps   |
| Molybdenum | 96-1  | 408      | 417      | 400      | 408      | 2.04   | cps   |
| Molybdenum | 97-1  | 258      | 317      | 375      | 317      | 18.42  | cps   |
| Molybdenum | 98-1  | 592      | 492      | 583      | 556      | 9.99   | cps   |
| Neodymium  | 150-1 | 140      | 113      | 53       | 102      | 43.42  | cps   |
| Neodymium  | 150-2 | 17       | 13       | 30       | 20       | 44.10  | cps   |
| Nickel     | 60-2  | 16166    | 16349    | 16232    | 16249    | 0.57   | cps   |
| Phosphorus | 31-2  | 7227     | 7094     | 7127     | 7149     | 0.97   | cps   |
| Potassium  | 39-2  | 236869   | 239546   | 238874   | 238430   | 0.58   | cps   |
| Rhodium    | 103-1 | 10485788 | 10351492 | 10317100 | 10384793 | 0.86   | cps   |
| Rhodium    | 103-2 | 5260547  | 5264363  | 5253476  | 5259462  | 0.11   | cps   |
| Scandium   | 45-1  | 7597894  | 7482890  | 7393133  | 7491306  | 1.37   | cps   |
| Scandium   | 45-2  | 395006   | 396793   | 390713   | 394171   | 0.79   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 139      | 130      | 115      | 128      | 9.50   | cps   |
| Selenium   | 82-1  | 205      | 359      | 150      | 238      | 45.55  | cps   |
| Silicon    | 28-1  | 8636004  | 8643543  | 8795581  | 8691709  | 1.04   | cps   |
| Silver     | 109-1 | 217      | 183      | 183      | 194      | 9.90   | cps   |
| Silver     | 107-1 | 300      | 300      | 283      | 294      | 3.27   | cps   |
| Sodium     | 23-2  | 6702613  | 6677193  | 6703271  | 6694359  | 0.22   | cps   |
| Strontium  | 86-1  | 86669    | 83903    | 83745    | 84772    | 1.94   | cps   |
| Strontium  | 88-1  | 724001   | 716229   | 718022   | 719417   | 0.57   | cps   |
| Sulfur     | 34-1  | 790734   | 787153   | 779714   | 785867   | 0.72   | cps   |
| Terbium    | 159-1 | 14251036 | 14101106 | 14086494 | 14146212 | 0.64   | cps   |
| Terbium    | 159-2 | 7625794  | 7560061  | 7657588  | 7614481  | 0.65   | cps   |
| Thallium   | 203-1 | 200      | 217      | 308      | 242      | 24.14  | cps   |
| Thallium   | 205-1 | 583      | 500      | 733      | 606      | 19.53  | cps   |
| Tin        | 118-1 | 742      | 592      | 733      | 689      | 12.24  | cps   |
| Titanium   | 47-1  | 1258     | 1242     | 1083     | 1195     | 8.09   | cps   |
| Uranium    | 238-1 | 567      | 500      | 492      | 519      | 7.91   | cps   |
| Vanadium   | 51-2  | 283      | 257      | 210      | 250      | 14.85  | cps   |
| Yttrium    | 89-1  | 11708475 | 11598288 | 11615680 | 11640815 | 0.51   | cps   |
| Yttrium    | 89-2  | 1993345  | 1995724  | 1975719  | 1988263  | 0.55   | cps   |
| Zinc       | 66-2  | 94916    | 95938    | 95681    | 95512    | 0.56   | cps   |
| Zirconium  | 90-1  | 1700     | 1784     | 1675     | 1720     | 3.30   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-29-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:07:09   | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 417  | 350  | 242  | 336     | 26.28  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-30 Instrumnet Name : P7  
 Client Sample ID : DC1849-30-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:10:34 DataFile Name : 056SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1450     | 1550     | 1567     | 1523     | 4.15   | cps   |
| Antimony   | 121-1 | 567      | 650      | 758      | 658      | 14.60  | cps   |
| Arsenic    | 75-2  | 230      | 187      | 196      | 204      | 10.96  | cps   |
| Barium     | 135-1 | 51538    | 53144    | 51973    | 52218    | 1.59   | cps   |
| Barium     | 137-1 | 90318    | 89563    | 88582    | 89488    | 0.97   | cps   |
| Beryllium  | 9-1   | 44       | 39       | 39       | 41       | 7.88   | cps   |
| Bismuth    | 209-1 | 8545108  | 8471622  | 8509921  | 8508884  | 0.43   | cps   |
| Bismuth    | 209-2 | 5697380  | 5684419  | 5612646  | 5664815  | 0.81   | cps   |
| Boron      | 10-1  | 1575     | 1992     | 1825     | 1797     | 11.67  | cps   |
| Boron      | 11-1  | 8728     | 8303     | 8745     | 8592     | 2.92   | cps   |
| Cadmium    | 111-1 | 2692     | 2745     | 2499     | 2645     | 4.89   | cps   |
| Cadmium    | 106-1 | 3834     | 3859     | 3551     | 3748     | 4.57   | cps   |
| Cadmium    | 108-1 | 13       | 33       | 17       | 21       | 52.90  | cps   |
| Calcium    | 43-1  | 233979   | 233416   | 230852   | 232749   | 0.72   | cps   |
| Calcium    | 44-1  | 3875866  | 3848463  | 3861522  | 3861951  | 0.35   | cps   |
| Chromium   | 52-2  | 2270     | 2154     | 2080     | 2168     | 4.42   | cps   |
| Cobalt     | 59-2  | 170      | 157      | 183      | 170      | 7.84   | cps   |
| Copper     | 63-2  | 414194   | 414313   | 410077   | 412861   | 0.58   | cps   |
| Dysprosium | 156-1 | 58       | 75       | 50       | 61       | 20.83  | cps   |
| Dysprosium | 156-2 | 57       | 53       | 40       | 50       | 17.64  | cps   |
| Erbium     | 164-1 | 100      | 58       | 83       | 81       | 26.03  | cps   |
| Erbium     | 164-2 | 43       | 40       | 40       | 41       | 4.68   | cps   |
| Gadolinium | 160-1 | 200      | 233      | 175      | 203      | 14.43  | cps   |
| Gadolinium | 160-2 | 210      | 183      | 193      | 196      | 6.89   | cps   |
| Holmium    | 165-1 | 13599764 | 13255670 | 13105413 | 13320282 | 1.90   | cps   |
| Holmium    | 165-2 | 7501791  | 7449567  | 7412647  | 7454668  | 0.60   | cps   |
| Indium     | 115-1 | 10877819 | 10902739 | 10823958 | 10868172 | 0.37   | cps   |
| Indium     | 115-2 | 2425190  | 2455414  | 2416901  | 2432502  | 0.83   | cps   |
| Iron       | 56-2  | 123604   | 134442   | 120605   | 126217   | 5.77   | cps   |
| Iron       | 57-2  | 3901     | 4140     | 3667     | 3903     | 6.05   | cps   |
| Lead       | 206-1 | 2328     | 2450     | 2767     | 2515     | 9.01   | cps   |
| Lead       | 207-1 | 1895     | 2245     | 2067     | 2069     | 8.46   | cps   |
| Lead       | 208-1 | 9541     | 9857     | 10146    | 9848     | 3.08   | cps   |
| Lithium    | 6-1   | 1914291  | 1900865  | 1877015  | 1897391  | 1.00   | cps   |
| Magnesium  | 24-2  | 409703   | 411705   | 411419   | 410942   | 0.26   | cps   |
| Manganese  | 55-2  | 33284    | 33953    | 32533    | 33257    | 2.14   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-30-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:10:34   | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 708      | 758      | 633      | 700      | 8.99   | cps   |
| Molybdenum | 95-1  | 358      | 292      | 242      | 297      | 19.69  | cps   |
| Molybdenum | 96-1  | 408      | 442      | 525      | 458      | 13.11  | cps   |
| Molybdenum | 97-1  | 333      | 408      | 258      | 333      | 22.50  | cps   |
| Molybdenum | 98-1  | 550      | 417      | 608      | 525      | 18.71  | cps   |
| Neodymium  | 150-1 | 73       | 87       | 73       | 78       | 9.89   | cps   |
| Neodymium  | 150-2 | 20       | 17       | 33       | 23       | 37.78  | cps   |
| Nickel     | 60-2  | 690      | 713      | 667      | 690      | 3.38   | cps   |
| Phosphorus | 31-2  | 7252     | 7102     | 6793     | 7049     | 3.32   | cps   |
| Potassium  | 39-2  | 234439   | 236863   | 233603   | 234969   | 0.72   | cps   |
| Rhodium    | 103-1 | 10364123 | 10124533 | 10243569 | 10244075 | 1.17   | cps   |
| Rhodium    | 103-2 | 5201102  | 5191289  | 5114903  | 5169098  | 0.91   | cps   |
| Scandium   | 45-1  | 7314129  | 7318632  | 7228842  | 7287201  | 0.69   | cps   |
| Scandium   | 45-2  | 387217   | 389003   | 386523   | 387581   | 0.33   | cps   |
| Selenium   | 77-2  | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 131      | 117      | 120      | 123      | 6.27   | cps   |
| Selenium   | 82-1  | 147      | 251      | 255      | 218      | 27.94  | cps   |
| Silicon    | 28-1  | 8658627  | 8476020  | 8389151  | 8507933  | 1.62   | cps   |
| Silver     | 109-1 | 125      | 75       | 217      | 139      | 51.73  | cps   |
| Silver     | 107-1 | 192      | 150      | 167      | 169      | 12.38  | cps   |
| Sodium     | 23-2  | 6661046  | 6680823  | 6513445  | 6618438  | 1.38   | cps   |
| Strontium  | 86-1  | 82998    | 82713    | 81976    | 82562    | 0.64   | cps   |
| Strontium  | 88-1  | 712444   | 701155   | 698977   | 704192   | 1.03   | cps   |
| Sulfur     | 34-1  | 791735   | 788438   | 797094   | 792422   | 0.55   | cps   |
| Terbium    | 159-1 | 13857946 | 13935129 | 13671109 | 13821395 | 0.98   | cps   |
| Terbium    | 159-2 | 7447437  | 7363968  | 7282151  | 7364519  | 1.12   | cps   |
| Thallium   | 203-1 | 183      | 300      | 250      | 244      | 23.95  | cps   |
| Thallium   | 205-1 | 508      | 567      | 425      | 500      | 14.24  | cps   |
| Tin        | 118-1 | 700      | 533      | 583      | 606      | 14.12  | cps   |
| Titanium   | 47-1  | 1534     | 1425     | 1242     | 1400     | 10.54  | cps   |
| Uranium    | 238-1 | 508      | 525      | 442      | 492      | 8.97   | cps   |
| Vanadium   | 51-2  | 317      | 307      | 313      | 312      | 1.63   | cps   |
| Yttrium    | 89-1  | 11548977 | 11272937 | 11316970 | 11379628 | 1.30   | cps   |
| Yttrium    | 89-2  | 1958295  | 1971239  | 1938245  | 1955926  | 0.85   | cps   |
| Zinc       | 66-2  | 8116     | 7959     | 7986     | 8020     | 1.05   | cps   |
| Zirconium  | 90-1  | 1517     | 1859     | 1609     | 1661     | 10.65  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-30-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:10:34   | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 308  | 358  | 339     | 7.90   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-31 Instrumnet Name : P7  
 Client Sample ID : DC1849-31-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:13:59 DataFile Name : 057SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3842     | 3959     | 4084     | 3962     | 3.05   | cps   |
| Antimony   | 121-1 | 1033     | 1100     | 1058     | 1064     | 3.17   | cps   |
| Arsenic    | 75-2  | 198      | 235      | 174      | 202      | 15.20  | cps   |
| Barium     | 135-1 | 58675    | 59336    | 57738    | 58583    | 1.37   | cps   |
| Barium     | 137-1 | 101344   | 101544   | 102771   | 101886   | 0.76   | cps   |
| Beryllium  | 9-1   | 61       | 61       | 122      | 81       | 43.31  | cps   |
| Bismuth    | 209-1 | 8721662  | 8592741  | 8513632  | 8609345  | 1.22   | cps   |
| Bismuth    | 209-2 | 5750932  | 5696447  | 5773011  | 5740130  | 0.69   | cps   |
| Boron      | 10-1  | 1684     | 2017     | 1642     | 1781     | 11.54  | cps   |
| Boron      | 11-1  | 8386     | 8936     | 8986     | 8770     | 3.80   | cps   |
| Cadmium    | 111-1 | 3054     | 2802     | 2760     | 2872     | 5.55   | cps   |
| Cadmium    | 106-1 | 4201     | 3876     | 3751     | 3942     | 5.89   | cps   |
| Cadmium    | 108-1 | 46       | 46       | 58       | 50       | 14.45  | cps   |
| Calcium    | 43-1  | 248927   | 244361   | 245743   | 246344   | 0.95   | cps   |
| Calcium    | 44-1  | 4093301  | 4039325  | 4051171  | 4061266  | 0.70   | cps   |
| Chromium   | 52-2  | 1690     | 1633     | 1737     | 1687     | 3.07   | cps   |
| Cobalt     | 59-2  | 927      | 930      | 1040     | 966      | 6.68   | cps   |
| Copper     | 63-2  | 1417353  | 1418031  | 1403577  | 1412987  | 0.58   | cps   |
| Dysprosium | 156-1 | 108      | 133      | 150      | 131      | 16.06  | cps   |
| Dysprosium | 156-2 | 80       | 67       | 63       | 70       | 12.60  | cps   |
| Erbium     | 164-1 | 183      | 125      | 158      | 156      | 18.81  | cps   |
| Erbium     | 164-2 | 67       | 97       | 87       | 83       | 18.33  | cps   |
| Gadolinium | 160-1 | 250      | 175      | 242      | 222      | 18.50  | cps   |
| Gadolinium | 160-2 | 237      | 247      | 207      | 230      | 9.05   | cps   |
| Holmium    | 165-1 | 13483127 | 13391347 | 13401116 | 13425197 | 0.38   | cps   |
| Holmium    | 165-2 | 7483972  | 7450105  | 7600771  | 7511616  | 1.05   | cps   |
| Indium     | 115-1 | 11004877 | 10961857 | 10925803 | 10964179 | 0.36   | cps   |
| Indium     | 115-2 | 2476437  | 2466226  | 2470612  | 2471092  | 0.21   | cps   |
| Iron       | 56-2  | 221094   | 218889   | 229482   | 223155   | 2.50   | cps   |
| Iron       | 57-2  | 6135     | 6535     | 6107     | 6259     | 3.83   | cps   |
| Lead       | 206-1 | 152475   | 152661   | 154266   | 153134   | 0.64   | cps   |
| Lead       | 207-1 | 125958   | 127271   | 125600   | 126276   | 0.70   | cps   |
| Lead       | 208-1 | 592521   | 588697   | 589748   | 590322   | 0.33   | cps   |
| Lithium    | 6-1   | 1930765  | 1906050  | 1898976  | 1911930  | 0.87   | cps   |
| Magnesium  | 24-2  | 430307   | 430363   | 430260   | 430310   | 0.01   | cps   |
| Manganese  | 55-2  | 117576   | 116880   | 117397   | 117284   | 0.31   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-31-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:13:59   | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 733      | 708      | 642      | 694      | 6.82   | cps   |
| Molybdenum | 95-1  | 267      | 183      | 225      | 225      | 18.52  | cps   |
| Molybdenum | 96-1  | 367      | 275      | 350      | 331      | 14.77  | cps   |
| Molybdenum | 97-1  | 208      | 258      | 250      | 239      | 11.21  | cps   |
| Molybdenum | 98-1  | 567      | 467      | 408      | 481      | 16.66  | cps   |
| Neodymium  | 150-1 | 153      | 113      | 120      | 129      | 16.63  | cps   |
| Neodymium  | 150-2 | 57       | 67       | 60       | 61       | 8.33   | cps   |
| Nickel     | 60-2  | 365266   | 361743   | 360956   | 362655   | 0.63   | cps   |
| Phosphorus | 31-2  | 6227     | 6685     | 6393     | 6435     | 3.61   | cps   |
| Potassium  | 39-2  | 249073   | 247533   | 250504   | 249036   | 0.60   | cps   |
| Rhodium    | 103-1 | 10490036 | 10258728 | 10367302 | 10372022 | 1.12   | cps   |
| Rhodium    | 103-2 | 5262876  | 5239143  | 5259300  | 5253773  | 0.24   | cps   |
| Scandium   | 45-1  | 7433487  | 7352869  | 7330759  | 7372372  | 0.73   | cps   |
| Scandium   | 45-2  | 394646   | 391130   | 396305   | 394027   | 0.67   | cps   |
| Selenium   | 77-2  | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 143      | 148      | 96       | 129      | 22.06  | cps   |
| Selenium   | 82-1  | 265      | 403      | 246      | 305      | 28.07  | cps   |
| Silicon    | 28-1  | 8911037  | 9045413  | 9036944  | 8997798  | 0.84   | cps   |
| Silver     | 109-1 | 383      | 350      | 392      | 375      | 5.88   | cps   |
| Silver     | 107-1 | 383      | 400      | 425      | 403      | 5.21   | cps   |
| Sodium     | 23-2  | 6801643  | 6834726  | 6825152  | 6820507  | 0.25   | cps   |
| Strontium  | 86-1  | 85094    | 83735    | 83149    | 83993    | 1.19   | cps   |
| Strontium  | 88-1  | 732168   | 722465   | 725312   | 726649   | 0.69   | cps   |
| Sulfur     | 34-1  | 804369   | 802220   | 800299   | 802296   | 0.25   | cps   |
| Terbium    | 159-1 | 14076199 | 13928017 | 13934708 | 13979641 | 0.60   | cps   |
| Terbium    | 159-2 | 7548675  | 7424284  | 7499927  | 7490962  | 0.84   | cps   |
| Thallium   | 203-1 | 258      | 333      | 317      | 303      | 13.01  | cps   |
| Thallium   | 205-1 | 600      | 625      | 667      | 631      | 5.34   | cps   |
| Tin        | 118-1 | 783      | 908      | 625      | 772      | 18.39  | cps   |
| Titanium   | 47-1  | 1625     | 1700     | 1400     | 1575     | 9.91   | cps   |
| Uranium    | 238-1 | 858      | 867      | 725      | 817      | 9.73   | cps   |
| Vanadium   | 51-2  | 357      | 340      | 297      | 331      | 9.35   | cps   |
| Yttrium    | 89-1  | 11617151 | 11547295 | 11575656 | 11580034 | 0.30   | cps   |
| Yttrium    | 89-2  | 1978816  | 1976538  | 1985923  | 1980426  | 0.25   | cps   |
| Zinc       | 66-2  | 453522   | 456480   | 456188   | 455397   | 0.36   | cps   |
| Zirconium  | 90-1  | 1717     | 1592     | 1659     | 1656     | 3.78   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-31-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:13:59   | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 408  | 300  | 350  | 353     | 15.37  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-32 Instrumnet Name : P7  
 Client Sample ID : DC1849-32-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:17:25 DataFile Name : 058SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3796     | 1925     | 2334     | 2685     | 36.63  | cps   |
| Antimony   | 121-1 | 758      | 642      | 733      | 711      | 8.64   | cps   |
| Arsenic    | 75-2  | 209      | 220      | 211      | 214      | 2.79   | cps   |
| Barium     | 135-1 | 54926    | 54089    | 52492    | 53836    | 2.30   | cps   |
| Barium     | 137-1 | 94622    | 93170    | 92775    | 93522    | 1.04   | cps   |
| Beryllium  | 9-1   | 28       | 56       | 50       | 44       | 33.07  | cps   |
| Bismuth    | 209-1 | 8499982  | 8561885  | 8561438  | 8541102  | 0.42   | cps   |
| Bismuth    | 209-2 | 5657589  | 5661472  | 5683436  | 5667499  | 0.25   | cps   |
| Boron      | 10-1  | 1625     | 1642     | 1792     | 1686     | 5.44   | cps   |
| Boron      | 11-1  | 8553     | 8253     | 8903     | 8569     | 3.80   | cps   |
| Cadmium    | 111-1 | 2470     | 2367     | 2663     | 2500     | 6.01   | cps   |
| Cadmium    | 106-1 | 3501     | 3376     | 3792     | 3556     | 6.01   | cps   |
| Cadmium    | 108-1 | 8        | 29       | 29       | 22       | 54.14  | cps   |
| Calcium    | 43-1  | 242128   | 239577   | 238774   | 240159   | 0.73   | cps   |
| Calcium    | 44-1  | 3980536  | 3931970  | 3941150  | 3951218  | 0.65   | cps   |
| Chromium   | 52-2  | 1743     | 1707     | 1710     | 1720     | 1.18   | cps   |
| Cobalt     | 59-2  | 200      | 213      | 193      | 202      | 5.04   | cps   |
| Copper     | 63-2  | 568722   | 570205   | 569770   | 569566   | 0.13   | cps   |
| Dysprosium | 156-1 | 125      | 50       | 50       | 75       | 57.74  | cps   |
| Dysprosium | 156-2 | 50       | 43       | 40       | 44       | 11.46  | cps   |
| Erbium     | 164-1 | 133      | 50       | 75       | 86       | 49.66  | cps   |
| Erbium     | 164-2 | 77       | 57       | 47       | 60       | 25.46  | cps   |
| Gadolinium | 160-1 | 175      | 183      | 183      | 181      | 2.66   | cps   |
| Gadolinium | 160-2 | 197      | 180      | 147      | 174      | 14.59  | cps   |
| Holmium    | 165-1 | 13436037 | 13258991 | 13348220 | 13347749 | 0.66   | cps   |
| Holmium    | 165-2 | 7390801  | 7428724  | 7365197  | 7394907  | 0.43   | cps   |
| Indium     | 115-1 | 11055860 | 10848942 | 10738370 | 10881057 | 1.48   | cps   |
| Indium     | 115-2 | 2433162  | 2447232  | 2418574  | 2432989  | 0.59   | cps   |
| Iron       | 56-2  | 139747   | 137730   | 157076   | 144851   | 7.34   | cps   |
| Iron       | 57-2  | 4395     | 3867     | 4056     | 4106     | 6.52   | cps   |
| Lead       | 206-1 | 26683    | 26015    | 26405    | 26367    | 1.27   | cps   |
| Lead       | 207-1 | 21919    | 21907    | 22119    | 21982    | 0.54   | cps   |
| Lead       | 208-1 | 102355   | 100639   | 101865   | 101620   | 0.87   | cps   |
| Lithium    | 6-1   | 1889868  | 1903252  | 1891906  | 1895008  | 0.38   | cps   |
| Magnesium  | 24-2  | 420167   | 416724   | 416454   | 417781   | 0.50   | cps   |
| Manganese  | 55-2  | 44377    | 44273    | 44016    | 44222    | 0.42   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-32 Instrumnet Name : P7  
 Client Sample ID : DC1849-32-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:17:25 DataFile Name : 058SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 750      | 567      | 700      | 16.67  | cps   |
| Molybdenum | 95-1  | 275      | 292      | 300      | 289      | 4.41   | cps   |
| Molybdenum | 96-1  | 450      | 408      | 483      | 447      | 8.40   | cps   |
| Molybdenum | 97-1  | 233      | 258      | 250      | 247      | 5.15   | cps   |
| Molybdenum | 98-1  | 367      | 483      | 458      | 436      | 14.08  | cps   |
| Neodymium  | 150-1 | 722      | 80       | 87       | 296      | 124.51 | cps   |
| Neodymium  | 150-2 | 37       | 30       | 33       | 33       | 10.01  | cps   |
| Nickel     | 60-2  | 9260     | 9383     | 8729     | 9124     | 3.81   | cps   |
| Phosphorus | 31-2  | 7160     | 7077     | 7210     | 7149     | 0.94   | cps   |
| Potassium  | 39-2  | 242981   | 236828   | 236420   | 238743   | 1.54   | cps   |
| Rhodium    | 103-1 | 10231997 | 10241817 | 10169061 | 10214292 | 0.39   | cps   |
| Rhodium    | 103-2 | 5180767  | 5185774  | 5172878  | 5179806  | 0.13   | cps   |
| Scandium   | 45-1  | 7274147  | 7183141  | 7224530  | 7227273  | 0.63   | cps   |
| Scandium   | 45-2  | 387871   | 387529   | 387100   | 387500   | 0.10   | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 141      | 135      | 165      | 147      | 10.72  | cps   |
| Selenium   | 82-1  | 261      | 351      | 215      | 276      | 25.07  | cps   |
| Silicon    | 28-1  | 8659329  | 8568342  | 8691498  | 8639723  | 0.74   | cps   |
| Silver     | 109-1 | 142      | 175      | 192      | 169      | 15.03  | cps   |
| Silver     | 107-1 | 217      | 217      | 267      | 233      | 12.37  | cps   |
| Sodium     | 23-2  | 6696633  | 6719637  | 6692387  | 6702886  | 0.22   | cps   |
| Strontium  | 86-1  | 84809    | 82965    | 85145    | 84306    | 1.39   | cps   |
| Strontium  | 88-1  | 724173   | 714341   | 720627   | 719713   | 0.69   | cps   |
| Sulfur     | 34-1  | 785173   | 780340   | 790320   | 785277   | 0.64   | cps   |
| Terbium    | 159-1 | 13915952 | 13817876 | 13652957 | 13795595 | 0.96   | cps   |
| Terbium    | 159-2 | 7404703  | 7384095  | 7309030  | 7365942  | 0.68   | cps   |
| Thallium   | 203-1 | 217      | 167      | 217      | 200      | 14.43  | cps   |
| Thallium   | 205-1 | 475      | 500      | 600      | 525      | 12.60  | cps   |
| Tin        | 118-1 | 767      | 733      | 733      | 745      | 2.59   | cps   |
| Titanium   | 47-1  | 1225     | 1050     | 1100     | 1125     | 8.01   | cps   |
| Uranium    | 238-1 | 483      | 558      | 525      | 522      | 7.20   | cps   |
| Vanadium   | 51-2  | 313      | 303      | 293      | 303      | 3.30   | cps   |
| Yttrium    | 89-1  | 11444357 | 11279830 | 11348860 | 11357682 | 0.73   | cps   |
| Yttrium    | 89-2  | 1944883  | 1954261  | 1932804  | 1943983  | 0.55   | cps   |
| Zinc       | 66-2  | 21266    | 20992    | 21503    | 21253    | 1.20   | cps   |
| Zirconium  | 90-1  | 1592     | 1483     | 1692     | 1589     | 6.56   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-32-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:17:25   | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 217  | 342  | 300     | 24.06  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-33 Instrumnet Name : P7  
 Client Sample ID : DC1849-33-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:20:50 DataFile Name : 059SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 942      | 967      | 1434     | 1114     | 24.88  | cps   |
| Antimony   | 121-1 | 1033     | 1067     | 1183     | 1095     | 7.20   | cps   |
| Arsenic    | 75-2  | 159      | 200      | 181      | 180      | 11.32  | cps   |
| Barium     | 135-1 | 57663    | 57545    | 59160    | 58123    | 1.55   | cps   |
| Barium     | 137-1 | 101428   | 99438    | 100965   | 100610   | 1.03   | cps   |
| Beryllium  | 9-1   | 61       | 67       | 56       | 61       | 9.09   | cps   |
| Bismuth    | 209-1 | 8583306  | 8465268  | 8505612  | 8518062  | 0.70   | cps   |
| Bismuth    | 209-2 | 5653223  | 5683457  | 5659642  | 5665441  | 0.28   | cps   |
| Boron      | 10-1  | 1542     | 1875     | 1842     | 1753     | 10.47  | cps   |
| Boron      | 11-1  | 8595     | 8728     | 9261     | 8861     | 3.98   | cps   |
| Cadmium    | 111-1 | 2608     | 2711     | 2594     | 2638     | 2.41   | cps   |
| Cadmium    | 106-1 | 3676     | 3809     | 3634     | 3706     | 2.47   | cps   |
| Cadmium    | 108-1 | 21       | 38       | 29       | 29       | 28.58  | cps   |
| Calcium    | 43-1  | 240551   | 236782   | 233180   | 236838   | 1.56   | cps   |
| Calcium    | 44-1  | 3917678  | 3914846  | 3903650  | 3912058  | 0.19   | cps   |
| Chromium   | 52-2  | 1803     | 1800     | 1907     | 1837     | 3.30   | cps   |
| Cobalt     | 59-2  | 223      | 267      | 197      | 229      | 15.43  | cps   |
| Copper     | 63-2  | 1117763  | 1124782  | 1117658  | 1120068  | 0.36   | cps   |
| Dysprosium | 156-1 | 67       | 100      | 92       | 86       | 20.14  | cps   |
| Dysprosium | 156-2 | 23       | 10       | 27       | 20       | 44.10  | cps   |
| Erbium     | 164-1 | 67       | 67       | 125      | 86       | 39.11  | cps   |
| Erbium     | 164-2 | 30       | 53       | 50       | 44       | 28.39  | cps   |
| Gadolinium | 160-1 | 175      | 183      | 183      | 181      | 2.66   | cps   |
| Gadolinium | 160-2 | 190      | 133      | 140      | 154      | 20.06  | cps   |
| Holmium    | 165-1 | 13340523 | 13244890 | 13228640 | 13271351 | 0.46   | cps   |
| Holmium    | 165-2 | 7335106  | 7464208  | 7345183  | 7381499  | 0.97   | cps   |
| Indium     | 115-1 | 10888975 | 10835169 | 10661409 | 10795184 | 1.10   | cps   |
| Indium     | 115-2 | 2416239  | 2414546  | 2420142  | 2416976  | 0.12   | cps   |
| Iron       | 56-2  | 76717    | 81141    | 77496    | 78451    | 3.01   | cps   |
| Iron       | 57-2  | 2750     | 2611     | 2861     | 2741     | 4.57   | cps   |
| Lead       | 206-1 | 32752    | 32156    | 32390    | 32433    | 0.93   | cps   |
| Lead       | 207-1 | 26494    | 26822    | 26087    | 26468    | 1.39   | cps   |
| Lead       | 208-1 | 125851   | 123814   | 124128   | 124598   | 0.88   | cps   |
| Lithium    | 6-1   | 1899597  | 1880225  | 1877325  | 1885715  | 0.64   | cps   |
| Magnesium  | 24-2  | 419321   | 426303   | 419013   | 421546   | 0.98   | cps   |
| Manganese  | 55-2  | 28521    | 28899    | 29159    | 28860    | 1.11   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-33              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-33-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:20:50   | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 575      | 692      | 600      | 622      | 9.87   | cps   |
| Molybdenum | 95-1  | 258      | 308      | 325      | 297      | 11.67  | cps   |
| Molybdenum | 96-1  | 433      | 433      | 500      | 456      | 8.45   | cps   |
| Molybdenum | 97-1  | 308      | 242      | 308      | 286      | 13.45  | cps   |
| Molybdenum | 98-1  | 583      | 617      | 425      | 542      | 18.91  | cps   |
| Neodymium  | 150-1 | 33       | 33       | 27       | 31       | 12.36  | cps   |
| Neodymium  | 150-2 | 20       | 23       | 23       | 22       | 8.65   | cps   |
| Nickel     | 60-2  | 18669    | 19033    | 18792    | 18831    | 0.98   | cps   |
| Phosphorus | 31-2  | 6368     | 6177     | 6635     | 6393     | 3.60   | cps   |
| Potassium  | 39-2  | 232075   | 235354   | 232959   | 233462   | 0.73   | cps   |
| Rhodium    | 103-1 | 10373547 | 10245149 | 10125817 | 10248171 | 1.21   | cps   |
| Rhodium    | 103-2 | 5137982  | 5137738  | 5175467  | 5150396  | 0.42   | cps   |
| Scandium   | 45-1  | 7231798  | 7292102  | 7191716  | 7238539  | 0.70   | cps   |
| Scandium   | 45-2  | 384639   | 387515   | 381838   | 384664   | 0.74   | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 144      | 137      | 131      | 138      | 4.73   | cps   |
| Selenium   | 82-1  | 297      | 97       | 167      | 187      | 54.35  | cps   |
| Silicon    | 28-1  | 8739194  | 8676025  | 8692643  | 8702621  | 0.38   | cps   |
| Silver     | 109-1 | 433      | 425      | 408      | 422      | 3.01   | cps   |
| Silver     | 107-1 | 367      | 467      | 375      | 403      | 13.78  | cps   |
| Sodium     | 23-2  | 6692556  | 6647659  | 6699977  | 6680064  | 0.42   | cps   |
| Strontium  | 86-1  | 84683    | 83677    | 83518    | 83959    | 0.75   | cps   |
| Strontium  | 88-1  | 717754   | 713720   | 706653   | 712709   | 0.79   | cps   |
| Sulfur     | 34-1  | 797554   | 798950   | 803371   | 799958   | 0.38   | cps   |
| Terbium    | 159-1 | 13847565 | 13786894 | 13717556 | 13784005 | 0.47   | cps   |
| Terbium    | 159-2 | 7394447  | 7371487  | 7282725  | 7349553  | 0.80   | cps   |
| Thallium   | 203-1 | 233      | 192      | 308      | 244      | 24.19  | cps   |
| Thallium   | 205-1 | 533      | 542      | 550      | 542      | 1.54   | cps   |
| Tin        | 118-1 | 808      | 650      | 934      | 797      | 17.82  | cps   |
| Titanium   | 47-1  | 1092     | 1083     | 1284     | 1153     | 9.83   | cps   |
| Uranium    | 238-1 | 450      | 500      | 342      | 431      | 18.80  | cps   |
| Vanadium   | 51-2  | 197      | 227      | 267      | 230      | 15.27  | cps   |
| Yttrium    | 89-1  | 11516799 | 11451952 | 11240855 | 11403202 | 1.27   | cps   |
| Yttrium    | 89-2  | 1938008  | 1951481  | 1946359  | 1945283  | 0.35   | cps   |
| Zinc       | 66-2  | 189746   | 189235   | 189188   | 189390   | 0.16   | cps   |
| Zirconium  | 90-1  | 1292     | 1617     | 1283     | 1397     | 13.61  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-33              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-33-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:20:50   | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 267  | 325  | 278     | 15.40  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-34 Instrumnet Name : P7  
 Client Sample ID : DC1849-34-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:24:16 DataFile Name : 060SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1284     | 1433     | 1383     | 1367     | 5.59   | cps   |
| Antimony   | 121-1 | 817      | 817      | 642      | 758      | 13.32  | cps   |
| Arsenic    | 75-2  | 211      | 226      | 220      | 219      | 3.41   | cps   |
| Barium     | 135-1 | 58081    | 57612    | 58390    | 58028    | 0.68   | cps   |
| Barium     | 137-1 | 99119    | 100202   | 98666    | 99329    | 0.79   | cps   |
| Beryllium  | 9-1   | 61       | 50       | 44       | 52       | 16.36  | cps   |
| Bismuth    | 209-1 | 9417565  | 9381559  | 8777207  | 9192110  | 3.91   | cps   |
| Bismuth    | 209-2 | 6146551  | 6480121  | 6052444  | 6226372  | 3.61   | cps   |
| Boron      | 10-1  | 1734     | 2134     | 1750     | 1872     | 12.09  | cps   |
| Boron      | 11-1  | 9637     | 9220     | 9320     | 9392     | 2.32   | cps   |
| Cadmium    | 111-1 | 2883     | 2875     | 2924     | 2894     | 0.91   | cps   |
| Cadmium    | 106-1 | 4084     | 4084     | 4142     | 4104     | 0.82   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Calcium    | 43-1  | 259590   | 257420   | 255774   | 257595   | 0.74   | cps   |
| Calcium    | 44-1  | 4297421  | 4286027  | 4254140  | 4279196  | 0.52   | cps   |
| Chromium   | 52-2  | 2130     | 2160     | 2097     | 2129     | 1.49   | cps   |
| Cobalt     | 59-2  | 213      | 153      | 210      | 192      | 17.54  | cps   |
| Copper     | 63-2  | 471542   | 472637   | 471578   | 471919   | 0.13   | cps   |
| Dysprosium | 156-1 | 150      | 33       | 67       | 83       | 72.11  | cps   |
| Dysprosium | 156-2 | 27       | 37       | 53       | 39       | 34.63  | cps   |
| Erbium     | 164-1 | 100      | 125      | 167      | 131      | 25.80  | cps   |
| Erbium     | 164-2 | 57       | 30       | 77       | 54       | 43.00  | cps   |
| Gadolinium | 160-1 | 125      | 108      | 283      | 172      | 56.08  | cps   |
| Gadolinium | 160-2 | 157      | 207      | 183      | 182      | 13.73  | cps   |
| Holmium    | 165-1 | 14519440 | 14471797 | 13983318 | 14324852 | 2.07   | cps   |
| Holmium    | 165-2 | 8065395  | 8147175  | 7834606  | 8015726  | 2.02   | cps   |
| Indium     | 115-1 | 11915388 | 11886171 | 11423055 | 11741538 | 2.35   | cps   |
| Indium     | 115-2 | 2627974  | 2680196  | 2551587  | 2619919  | 2.47   | cps   |
| Iron       | 56-2  | 137506   | 140531   | 141468   | 139835   | 1.48   | cps   |
| Iron       | 57-2  | 4579     | 4490     | 4429     | 4499     | 1.68   | cps   |
| Lead       | 206-1 | 5918     | 5890     | 6140     | 5983     | 2.29   | cps   |
| Lead       | 207-1 | 5412     | 4990     | 5368     | 5257     | 4.41   | cps   |
| Lead       | 208-1 | 24643    | 22875    | 24359    | 23959    | 3.96   | cps   |
| Lithium    | 6-1   | 2079382  | 2034556  | 1980622  | 2031520  | 2.43   | cps   |
| Magnesium  | 24-2  | 442943   | 444256   | 444947   | 444048   | 0.23   | cps   |
| Manganese  | 55-2  | 37792    | 38661    | 38293    | 38249    | 1.14   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-34              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-34-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:24:16   | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 717      | 950      | 775      | 19.91  | cps   |
| Molybdenum | 95-1  | 317      | 267      | 300      | 294      | 8.65   | cps   |
| Molybdenum | 96-1  | 558      | 467      | 500      | 508      | 9.13   | cps   |
| Molybdenum | 97-1  | 258      | 283      | 383      | 308      | 21.45  | cps   |
| Molybdenum | 98-1  | 500      | 658      | 433      | 531      | 21.78  | cps   |
| Neodymium  | 150-1 | 80       | 133      | 67       | 93       | 37.80  | cps   |
| Neodymium  | 150-2 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Nickel     | 60-2  | 1063     | 1283     | 1213     | 1187     | 9.47   | cps   |
| Phosphorus | 31-2  | 7352     | 7852     | 7869     | 7691     | 3.82   | cps   |
| Potassium  | 39-2  | 250895   | 248981   | 254807   | 251561   | 1.18   | cps   |
| Rhodium    | 103-1 | 11177716 | 11182219 | 10793317 | 11051084 | 2.02   | cps   |
| Rhodium    | 103-2 | 5626835  | 5690433  | 5482784  | 5600017  | 1.90   | cps   |
| Scandium   | 45-1  | 8014874  | 7881204  | 7452535  | 7782871  | 3.77   | cps   |
| Scandium   | 45-2  | 416587   | 435030   | 411163   | 420927   | 2.97   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 133      | 137      | 137      | 136      | 1.57   | cps   |
| Selenium   | 82-1  | 364      | 355      | 284      | 335      | 13.05  | cps   |
| Silicon    | 28-1  | 9253394  | 9278110  | 9208283  | 9246596  | 0.38   | cps   |
| Silver     | 109-1 | 100      | 200      | 142      | 147      | 34.12  | cps   |
| Silver     | 107-1 | 175      | 208      | 158      | 181      | 14.10  | cps   |
| Sodium     | 23-2  | 7150546  | 7243436  | 7103169  | 7165717  | 1.00   | cps   |
| Strontium  | 86-1  | 90114    | 90534    | 91533    | 90727    | 0.80   | cps   |
| Strontium  | 88-1  | 781767   | 782065   | 780304   | 781379   | 0.12   | cps   |
| Sulfur     | 34-1  | 819516   | 829895   | 828427   | 825946   | 0.68   | cps   |
| Terbium    | 159-1 | 15086803 | 15028830 | 14457147 | 14857593 | 2.34   | cps   |
| Terbium    | 159-2 | 7951386  | 8086197  | 7790941  | 7942842  | 1.86   | cps   |
| Thallium   | 203-1 | 250      | 250      | 283      | 261      | 7.37   | cps   |
| Thallium   | 205-1 | 583      | 592      | 633      | 603      | 4.44   | cps   |
| Tin        | 118-1 | 1500     | 858      | 967      | 1108     | 31.00  | cps   |
| Titanium   | 47-1  | 1584     | 1583     | 1242     | 1470     | 13.43  | cps   |
| Uranium    | 238-1 | 700      | 567      | 525      | 597      | 15.31  | cps   |
| Vanadium   | 51-2  | 360      | 310      | 343      | 338      | 7.54   | cps   |
| Yttrium    | 89-1  | 12596550 | 12417160 | 12063784 | 12359165 | 2.19   | cps   |
| Yttrium    | 89-2  | 2115290  | 2157527  | 2070922  | 2114580  | 2.05   | cps   |
| Zinc       | 66-2  | 12349    | 12552    | 12245    | 12382    | 1.26   | cps   |
| Zirconium  | 90-1  | 1442     | 1417     | 1475     | 1445     | 2.03   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-34              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-34-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:24:16   | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 317  | 350  | 322     | 7.90   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4679-35 Instrumnet Name : P7  
 Client Sample ID : DC1849-35-FL1-BRCL2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:27:42 DataFile Name : 061SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1133     | 1359     | 1300     | 1264     | 9.24   | cps   |
| Antimony   | 121-1 | 1217     | 1283     | 950      | 1150     | 15.34  | cps   |
| Arsenic    | 75-2  | 183      | 193      | 204      | 193      | 5.28   | cps   |
| Barium     | 135-1 | 62860    | 61529    | 60767    | 61719    | 1.72   | cps   |
| Barium     | 137-1 | 108991   | 107380   | 107330   | 107900   | 0.88   | cps   |
| Beryllium  | 9-1   | 44       | 67       | 44       | 52       | 24.74  | cps   |
| Bismuth    | 209-1 | 9336982  | 9072999  | 9076529  | 9162170  | 1.65   | cps   |
| Bismuth    | 209-2 | 6197760  | 6127737  | 6055321  | 6126939  | 1.16   | cps   |
| Boron      | 10-1  | 1859     | 1834     | 1917     | 1870     | 2.29   | cps   |
| Boron      | 11-1  | 9387     | 9770     | 9337     | 9498     | 2.50   | cps   |
| Cadmium    | 111-1 | 3100     | 2821     | 3077     | 2999     | 5.16   | cps   |
| Cadmium    | 106-1 | 4343     | 3976     | 4351     | 4223     | 5.07   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 21       | 19       | 12.35  | cps   |
| Calcium    | 43-1  | 260003   | 256837   | 253166   | 256669   | 1.33   | cps   |
| Calcium    | 44-1  | 4259347  | 4263143  | 4211930  | 4244807  | 0.67   | cps   |
| Chromium   | 52-2  | 2114     | 2435     | 2050     | 2200     | 9.38   | cps   |
| Cobalt     | 59-2  | 337      | 313      | 297      | 316      | 6.37   | cps   |
| Copper     | 63-2  | 1115824  | 1106000  | 1116318  | 1112714  | 0.52   | cps   |
| Dysprosium | 156-1 | 67       | 25       | 58       | 50       | 44.10  | cps   |
| Dysprosium | 156-2 | 33       | 50       | 30       | 38       | 28.37  | cps   |
| Erbium     | 164-1 | 75       | 92       | 67       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 47       | 30       | 60       | 46       | 32.99  | cps   |
| Gadolinium | 160-1 | 108      | 217      | 192      | 172      | 32.94  | cps   |
| Gadolinium | 160-2 | 237      | 157      | 187      | 193      | 20.90  | cps   |
| Holmium    | 165-1 | 14342209 | 14133509 | 14065285 | 14180334 | 1.02   | cps   |
| Holmium    | 165-2 | 7964828  | 8092402  | 7965605  | 8007612  | 0.92   | cps   |
| Indium     | 115-1 | 11776190 | 11712606 | 11667149 | 11718649 | 0.47   | cps   |
| Indium     | 115-2 | 2625404  | 2607793  | 2600710  | 2611302  | 0.49   | cps   |
| Iron       | 56-2  | 93311    | 89763    | 90572    | 91215    | 2.04   | cps   |
| Iron       | 57-2  | 3306     | 3184     | 2984     | 3158     | 5.15   | cps   |
| Lead       | 206-1 | 28214    | 27841    | 28520    | 28191    | 1.21   | cps   |
| Lead       | 207-1 | 23110    | 22186    | 22803    | 22700    | 2.07   | cps   |
| Lead       | 208-1 | 108056   | 105509   | 107079   | 106881   | 1.20   | cps   |
| Lithium    | 6-1   | 2019470  | 2011813  | 2000708  | 2010664  | 0.47   | cps   |
| Magnesium  | 24-2  | 459010   | 459153   | 459051   | 459071   | 0.02   | cps   |
| Manganese  | 55-2  | 31163    | 32252    | 31858    | 31758    | 1.74   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-35-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:27:42   | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 767      | 1067     | 870      | 19.65  | cps   |
| Molybdenum | 95-1  | 425      | 417      | 267      | 369      | 24.12  | cps   |
| Molybdenum | 96-1  | 442      | 400      | 558      | 467      | 17.59  | cps   |
| Molybdenum | 97-1  | 358      | 267      | 267      | 297      | 17.81  | cps   |
| Molybdenum | 98-1  | 558      | 633      | 517      | 569      | 10.38  | cps   |
| Neodymium  | 150-1 | 53       | 60       | 20       | 44       | 48.22  | cps   |
| Neodymium  | 150-2 | 10       | 30       | 27       | 22       | 48.22  | cps   |
| Nickel     | 60-2  | 64394    | 63832    | 63882    | 64036    | 0.49   | cps   |
| Phosphorus | 31-2  | 7177     | 7069     | 7194     | 7146     | 0.95   | cps   |
| Potassium  | 39-2  | 253217   | 256253   | 253029   | 254166   | 0.71   | cps   |
| Rhodium    | 103-1 | 11107690 | 10890328 | 10955943 | 10984654 | 1.01   | cps   |
| Rhodium    | 103-2 | 5623528  | 5565038  | 5564065  | 5584210  | 0.61   | cps   |
| Scandium   | 45-1  | 7876303  | 7792026  | 7739462  | 7802597  | 0.88   | cps   |
| Scandium   | 45-2  | 417639   | 420394   | 410970   | 416334   | 1.16   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 119      | 120      | 148      | 129      | 12.87  | cps   |
| Selenium   | 82-1  | 336      | 92       | 324      | 251      | 54.73  | cps   |
| Silicon    | 28-1  | 9313750  | 9286382  | 9125580  | 9241904  | 1.10   | cps   |
| Silver     | 109-1 | 475      | 508      | 433      | 472      | 7.96   | cps   |
| Silver     | 107-1 | 500      | 475      | 475      | 483      | 2.99   | cps   |
| Sodium     | 23-2  | 7218433  | 7188263  | 7207783  | 7204826  | 0.21   | cps   |
| Strontium  | 86-1  | 91030    | 91591    | 90375    | 90999    | 0.67   | cps   |
| Strontium  | 88-1  | 777605   | 772269   | 778569   | 776147   | 0.44   | cps   |
| Sulfur     | 34-1  | 820936   | 823924   | 820051   | 821637   | 0.25   | cps   |
| Terbium    | 159-1 | 14952737 | 14844647 | 14731107 | 14842830 | 0.75   | cps   |
| Terbium    | 159-2 | 7935558  | 7966438  | 7958777  | 7953591  | 0.20   | cps   |
| Thallium   | 203-1 | 258      | 217      | 208      | 228      | 11.76  | cps   |
| Thallium   | 205-1 | 408      | 525      | 592      | 508      | 18.26  | cps   |
| Tin        | 118-1 | 1083     | 750      | 942      | 925      | 18.09  | cps   |
| Titanium   | 47-1  | 1400     | 1400     | 1125     | 1308     | 12.14  | cps   |
| Uranium    | 238-1 | 342      | 475      | 375      | 397      | 17.47  | cps   |
| Vanadium   | 51-2  | 250      | 267      | 297      | 271      | 8.72   | cps   |
| Yttrium    | 89-1  | 12316885 | 12132784 | 12313866 | 12254512 | 0.86   | cps   |
| Yttrium    | 89-2  | 2111065  | 2119651  | 2108196  | 2112971  | 0.28   | cps   |
| Zinc       | 66-2  | 82083    | 81523    | 81844    | 81816    | 0.34   | cps   |
| Zirconium  | 90-1  | 1583     | 1642     | 1600     | 1608     | 1.87   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-35-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:27:42   | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 433  | 333  | 361     | 17.47  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-36-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:31:07   | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1500     | 1575     | 1342     | 1472     | 8.09   | cps   |
| Antimony   | 121-1 | 825      | 775      | 767      | 789      | 4.00   | cps   |
| Arsenic    | 75-2  | 241      | 217      | 267      | 241      | 10.36  | cps   |
| Barium     | 135-1 | 57294    | 57863    | 57888    | 57682    | 0.58   | cps   |
| Barium     | 137-1 | 99975    | 100891   | 97373    | 99413    | 1.84   | cps   |
| Beryllium  | 9-1   | 56       | 50       | 56       | 54       | 5.98   | cps   |
| Bismuth    | 209-1 | 9326335  | 9327209  | 9241955  | 9298500  | 0.53   | cps   |
| Bismuth    | 209-2 | 6157826  | 6173242  | 6219781  | 6183616  | 0.52   | cps   |
| Boron      | 10-1  | 1934     | 1942     | 1967     | 1947     | 0.89   | cps   |
| Boron      | 11-1  | 9045     | 8761     | 9628     | 9145     | 4.84   | cps   |
| Cadmium    | 111-1 | 3051     | 2773     | 2713     | 2845     | 6.34   | cps   |
| Cadmium    | 106-1 | 4301     | 3942     | 3834     | 4026     | 6.07   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 256553   | 258464   | 256249   | 257089   | 0.47   | cps   |
| Calcium    | 44-1  | 4289570  | 4273265  | 4255523  | 4272786  | 0.40   | cps   |
| Chromium   | 52-2  | 2247     | 2250     | 2237     | 2245     | 0.31   | cps   |
| Cobalt     | 59-2  | 183      | 193      | 153      | 177      | 11.78  | cps   |
| Copper     | 63-2  | 422785   | 426391   | 427972   | 425716   | 0.62   | cps   |
| Dysprosium | 156-1 | 50       | 100      | 125      | 92       | 41.66  | cps   |
| Dysprosium | 156-2 | 63       | 57       | 33       | 51       | 30.82  | cps   |
| Erbium     | 164-1 | 125      | 108      | 50       | 94       | 41.70  | cps   |
| Erbium     | 164-2 | 50       | 73       | 47       | 57       | 25.64  | cps   |
| Gadolinium | 160-1 | 167      | 175      | 333      | 225      | 41.74  | cps   |
| Gadolinium | 160-2 | 170      | 210      | 217      | 199      | 12.69  | cps   |
| Holmium    | 165-1 | 14259689 | 14375252 | 14285513 | 14306818 | 0.42   | cps   |
| Holmium    | 165-2 | 8060959  | 7906289  | 7999502  | 7988917  | 0.97   | cps   |
| Indium     | 115-1 | 11863291 | 11684907 | 11772133 | 11773443 | 0.76   | cps   |
| Indium     | 115-2 | 2602732  | 2624470  | 2637827  | 2621676  | 0.68   | cps   |
| Iron       | 56-2  | 138417   | 135625   | 141739   | 138594   | 2.21   | cps   |
| Iron       | 57-2  | 4167     | 4128     | 4045     | 4114     | 1.52   | cps   |
| Lead       | 206-1 | 4206     | 4390     | 4279     | 4292     | 2.15   | cps   |
| Lead       | 207-1 | 3745     | 3567     | 3634     | 3649     | 2.46   | cps   |
| Lead       | 208-1 | 17094    | 16960    | 17466    | 17173    | 1.53   | cps   |
| Lithium    | 6-1   | 2029962  | 1999265  | 2019039  | 2016089  | 0.77   | cps   |
| Magnesium  | 24-2  | 447528   | 445685   | 450588   | 447934   | 0.55   | cps   |
| Manganese  | 55-2  | 35637    | 35593    | 36392    | 35874    | 1.25   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-36-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:31:07   | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1118     | 1134     | 775      | 1009     | 20.08  | cps   |
| Molybdenum | 95-1  | 325      | 408      | 317      | 350      | 14.48  | cps   |
| Molybdenum | 96-1  | 408      | 483      | 450      | 447      | 8.40   | cps   |
| Molybdenum | 97-1  | 183      | 283      | 308      | 258      | 25.60  | cps   |
| Molybdenum | 98-1  | 525      | 350      | 525      | 467      | 21.65  | cps   |
| Neodymium  | 150-1 | 27       | 107      | 87       | 73       | 56.77  | cps   |
| Neodymium  | 150-2 | 23       | 23       | 23       | 23       | 0.00   | cps   |
| Nickel     | 60-2  | 2760     | 2687     | 2894     | 2780     | 3.77   | cps   |
| Phosphorus | 31-2  | 7577     | 7636     | 7569     | 7594     | 0.48   | cps   |
| Potassium  | 39-2  | 248345   | 250294   | 253844   | 250828   | 1.11   | cps   |
| Rhodium    | 103-1 | 11202991 | 11170137 | 11191062 | 11188063 | 0.15   | cps   |
| Rhodium    | 103-2 | 5558775  | 5633415  | 5601562  | 5597917  | 0.67   | cps   |
| Scandium   | 45-1  | 7864234  | 7827133  | 7933147  | 7874838  | 0.68   | cps   |
| Scandium   | 45-2  | 409931   | 415854   | 429098   | 418294   | 2.35   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 130      | 89       | 115      | 111      | 18.56  | cps   |
| Selenium   | 82-1  | 363      | 191      | 285      | 280      | 30.90  | cps   |
| Silicon    | 28-1  | 9244889  | 9270233  | 9205427  | 9240183  | 0.35   | cps   |
| Silver     | 109-1 | 142      | 150      | 158      | 150      | 5.56   | cps   |
| Silver     | 107-1 | 133      | 192      | 67       | 131      | 47.91  | cps   |
| Sodium     | 23-2  | 7162967  | 7134766  | 7213105  | 7170279  | 0.55   | cps   |
| Strontium  | 86-1  | 91189    | 92992    | 92178    | 92120    | 0.98   | cps   |
| Strontium  | 88-1  | 786099   | 781949   | 784339   | 784129   | 0.27   | cps   |
| Sulfur     | 34-1  | 822612   | 825416   | 825176   | 824401   | 0.19   | cps   |
| Terbium    | 159-1 | 14990325 | 15007139 | 14946694 | 14981386 | 0.21   | cps   |
| Terbium    | 159-2 | 7929664  | 7963438  | 7975587  | 7956230  | 0.30   | cps   |
| Thallium   | 203-1 | 217      | 233      | 292      | 247      | 15.93  | cps   |
| Thallium   | 205-1 | 683      | 508      | 533      | 575      | 16.46  | cps   |
| Tin        | 118-1 | 700      | 675      | 742      | 706      | 4.77   | cps   |
| Titanium   | 47-1  | 1458     | 1500     | 1250     | 1403     | 9.55   | cps   |
| Uranium    | 238-1 | 567      | 592      | 592      | 583      | 2.47   | cps   |
| Vanadium   | 51-2  | 297      | 310      | 300      | 302      | 2.30   | cps   |
| Yttrium    | 89-1  | 12408315 | 12280938 | 12417641 | 12368965 | 0.62   | cps   |
| Yttrium    | 89-2  | 2105966  | 2121623  | 2100207  | 2109265  | 0.53   | cps   |
| Zinc       | 66-2  | 10397    | 10237    | 10050    | 10228    | 1.70   | cps   |
| Zirconium  | 90-1  | 1809     | 1759     | 1559     | 1709     | 7.75   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4679-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC1849-36-FL1-BRCL2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:31:07   | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 333  | 358  | 319     | 14.83  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:34:33 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 158      | 83       | 142      | 128      | 30.82  | cps   |
| Antimony   | 121-1 | 83       | 125      | 125      | 111      | 21.65  | cps   |
| Arsenic    | 75-2  | 17       | 6        | 9        | 10       | 53.90  | cps   |
| Barium     | 135-1 | 92       | 125      | 150      | 122      | 23.95  | cps   |
| Barium     | 137-1 | 275      | 158      | 175      | 203      | 31.12  | cps   |
| Beryllium  | 9-1   | 28       | 39       | 50       | 39       | 28.57  | cps   |
| Bismuth    | 209-1 | 8583672  | 8685243  | 8616183  | 8628366  | 0.60   | cps   |
| Bismuth    | 209-2 | 5810233  | 5881468  | 5754911  | 5815537  | 1.09   | cps   |
| Boron      | 10-1  | 417      | 358      | 392      | 389      | 7.52   | cps   |
| Boron      | 11-1  | 1767     | 1892     | 1450     | 1703     | 13.37  | cps   |
| Cadmium    | 111-1 | 2550     | 2582     | 2574     | 2569     | 0.64   | cps   |
| Cadmium    | 106-1 | 3626     | 3651     | 3692     | 3656     | 0.92   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 21       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 317      | 308      | 317      | 314      | 1.53   | cps   |
| Calcium    | 44-1  | 24472    | 23503    | 23545    | 23840    | 2.30   | cps   |
| Chromium   | 52-2  | 1873     | 1877     | 2014     | 1921     | 4.16   | cps   |
| Cobalt     | 59-2  | 53       | 47       | 67       | 56       | 18.33  | cps   |
| Copper     | 63-2  | 1637     | 1833     | 1507     | 1659     | 9.91   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 13       | 3        | 10       | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 67       | 50       | 58       | 58       | 14.29  | cps   |
| Erbium     | 164-2 | 7        | 23       | 20       | 17       | 52.90  | cps   |
| Gadolinium | 160-1 | 183      | 100      | 92       | 125      | 40.55  | cps   |
| Gadolinium | 160-2 | 167      | 137      | 183      | 162      | 14.58  | cps   |
| Holmium    | 165-1 | 13277032 | 13243316 | 13274481 | 13264943 | 0.14   | cps   |
| Holmium    | 165-2 | 7615957  | 7570759  | 7536711  | 7574476  | 0.52   | cps   |
| Indium     | 115-1 | 10748172 | 10914380 | 10843570 | 10835374 | 0.77   | cps   |
| Indium     | 115-2 | 2461262  | 2481803  | 2442066  | 2461710  | 0.81   | cps   |
| Iron       | 56-2  | 7413     | 7541     | 7997     | 7650     | 4.01   | cps   |
| Iron       | 57-2  | 450      | 406      | 422      | 426      | 5.27   | cps   |
| Lead       | 206-1 | 1045     | 1061     | 922      | 1009     | 7.51   | cps   |
| Lead       | 207-1 | 922      | 906      | 878      | 902      | 2.49   | cps   |
| Lead       | 208-1 | 3961     | 3945     | 3989     | 3965     | 0.57   | cps   |
| Lithium    | 6-1   | 1873104  | 1862118  | 1871048  | 1868757  | 0.31   | cps   |
| Magnesium  | 24-2  | 375      | 392      | 400      | 389      | 3.27   | cps   |
| Manganese  | 55-2  | 157      | 147      | 160      | 154      | 4.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:34:33 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 433      | 233      | 225      | 297      | 39.69  | cps   |
| Molybdenum | 95-1  | 67       | 92       | 42       | 67       | 37.50  | cps   |
| Molybdenum | 96-1  | 133      | 100      | 117      | 117      | 14.29  | cps   |
| Molybdenum | 97-1  | 83       | 167      | 158      | 136      | 33.72  | cps   |
| Molybdenum | 98-1  | 108      | 150      | 183      | 147      | 25.52  | cps   |
| Neodymium  | 150-1 | 27       | 0        | 20       | 16       | 89.22  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 67       | 107      | 107      | 93       | 24.74  | cps   |
| Phosphorus | 31-2  | 250      | 183      | 250      | 228      | 16.90  | cps   |
| Potassium  | 39-2  | 63611    | 62834    | 63436    | 63294    | 0.64   | cps   |
| Rhodium    | 103-1 | 10294240 | 10350188 | 10430044 | 10358157 | 0.66   | cps   |
| Rhodium    | 103-2 | 5293293  | 5316357  | 5302828  | 5304160  | 0.22   | cps   |
| Scandium   | 45-1  | 7328640  | 7322574  | 7395755  | 7348989  | 0.55   | cps   |
| Scandium   | 45-2  | 396454   | 398424   | 392750   | 395876   | 0.73   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 100      | 120      | 131      | 117      | 13.61  | cps   |
| Selenium   | 82-1  | 172      | 287      | 255      | 238      | 24.78  | cps   |
| Silicon    | 28-1  | 661828   | 663469   | 666441   | 663913   | 0.35   | cps   |
| Silver     | 109-1 | 158      | 133      | 158      | 150      | 9.62   | cps   |
| Silver     | 107-1 | 158      | 133      | 133      | 142      | 10.19  | cps   |
| Sodium     | 23-2  | 50887    | 51539    | 51899    | 51442    | 1.00   | cps   |
| Strontium  | 86-1  | 1742     | 1475     | 1809     | 1675     | 10.53  | cps   |
| Strontium  | 88-1  | 617      | 425      | 508      | 517      | 18.60  | cps   |
| Sulfur     | 34-1  | 730992   | 729690   | 724520   | 728401   | 0.47   | cps   |
| Terbium    | 159-1 | 13672501 | 13830460 | 13766519 | 13756493 | 0.58   | cps   |
| Terbium    | 159-2 | 7580944  | 7488130  | 7474898  | 7514657  | 0.77   | cps   |
| Thallium   | 203-1 | 250      | 233      | 233      | 239      | 4.03   | cps   |
| Thallium   | 205-1 | 400      | 517      | 392      | 436      | 16.03  | cps   |
| Tin        | 118-1 | 1417     | 1467     | 1367     | 1417     | 3.53   | cps   |
| Titanium   | 47-1  | 267      | 225      | 208      | 233      | 12.88  | cps   |
| Uranium    | 238-1 | 42       | 117      | 67       | 75       | 50.92  | cps   |
| Vanadium   | 51-2  | 33       | 20       | 23       | 26       | 27.15  | cps   |
| Yttrium    | 89-1  | 11355638 | 11434291 | 11379000 | 11389643 | 0.35   | cps   |
| Yttrium    | 89-2  | 1990492  | 2004179  | 1976488  | 1990386  | 0.70   | cps   |
| Zinc       | 66-2  | 453      | 483      | 440      | 459      | 4.84   | cps   |
| Zirconium  | 90-1  | 717      | 700      | 792      | 736      | 6.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:34:33 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 167  | 175  | 181     | 9.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:37:59 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 817      | 583      | 675      | 692      | 17.00  | cps   |
| Antimony   | 121-1 | 192      | 283      | 200      | 225      | 22.53  | cps   |
| Arsenic    | 75-2  | 19       | 11       | 19       | 16       | 26.66  | cps   |
| Barium     | 135-1 | 108      | 83       | 142      | 111      | 26.34  | cps   |
| Barium     | 137-1 | 208      | 200      | 175      | 194      | 8.92   | cps   |
| Beryllium  | 9-1   | 39       | 33       | 39       | 37       | 8.67   | cps   |
| Bismuth    | 209-1 | 8726620  | 8701044  | 8818938  | 8748867  | 0.71   | cps   |
| Bismuth    | 209-2 | 5860480  | 5846827  | 5831335  | 5846214  | 0.25   | cps   |
| Boron      | 10-1  | 425      | 458      | 433      | 439      | 3.95   | cps   |
| Boron      | 11-1  | 1809     | 2009     | 2034     | 1950     | 6.32   | cps   |
| Cadmium    | 111-1 | 2715     | 2733     | 2699     | 2716     | 0.62   | cps   |
| Cadmium    | 106-1 | 3884     | 3859     | 3876     | 3873     | 0.33   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 38       | 21       | 72.12  | cps   |
| Calcium    | 43-1  | 417      | 475      | 358      | 417      | 14.00  | cps   |
| Calcium    | 44-1  | 26107    | 25339    | 25665    | 25704    | 1.50   | cps   |
| Chromium   | 52-2  | 1970     | 1840     | 1943     | 1918     | 3.58   | cps   |
| Cobalt     | 59-2  | 107      | 77       | 90       | 91       | 16.50  | cps   |
| Copper     | 63-2  | 1543     | 1440     | 1533     | 1506     | 3.79   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 67       | 31       | 103.26 | cps   |
| Dysprosium | 156-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 0        | 83       | 58       | 47       | 90.56  | cps   |
| Erbium     | 164-2 | 33       | 20       | 40       | 31       | 32.73  | cps   |
| Gadolinium | 160-1 | 133      | 133      | 167      | 144      | 13.33  | cps   |
| Gadolinium | 160-2 | 153      | 133      | 137      | 141      | 7.59   | cps   |
| Holmium    | 165-1 | 13469851 | 13666871 | 13698567 | 13611763 | 0.91   | cps   |
| Holmium    | 165-2 | 7622982  | 7647639  | 7627752  | 7632791  | 0.17   | cps   |
| Indium     | 115-1 | 10926955 | 11041253 | 10957116 | 10975108 | 0.54   | cps   |
| Indium     | 115-2 | 2493066  | 2497994  | 2505300  | 2498786  | 0.25   | cps   |
| Iron       | 56-2  | 9348     | 9687     | 9359     | 9464     | 2.04   | cps   |
| Iron       | 57-2  | 444      | 511      | 417      | 457      | 10.61  | cps   |
| Lead       | 206-1 | 5388326  | 5478069  | 5443981  | 5436792  | 0.83   | cps   |
| Lead       | 207-1 | 4832274  | 4876548  | 4892332  | 4867051  | 0.64   | cps   |
| Lead       | 208-1 | 21982772 | 22020638 | 22171926 | 22058445 | 0.45   | cps   |
| Lithium    | 6-1   | 1902338  | 1936295  | 1927752  | 1922128  | 0.92   | cps   |
| Magnesium  | 24-2  | 475      | 442      | 433      | 450      | 4.90   | cps   |
| Manganese  | 55-2  | 67       | 100      | 120      | 96       | 28.19  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:37:59 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 433      | 358      | 400      | 397      | 9.46   | cps   |
| Molybdenum | 95-1  | 142      | 142      | 217      | 167      | 25.98  | cps   |
| Molybdenum | 96-1  | 200      | 300      | 225      | 242      | 21.54  | cps   |
| Molybdenum | 97-1  | 175      | 200      | 167      | 181      | 9.61   | cps   |
| Molybdenum | 98-1  | 258      | 242      | 383      | 294      | 26.30  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 103      | 100      | 100      | 101      | 1.91   | cps   |
| Phosphorus | 31-2  | 225      | 292      | 258      | 258      | 12.90  | cps   |
| Potassium  | 39-2  | 63462    | 63545    | 64240    | 63749    | 0.67   | cps   |
| Rhodium    | 103-1 | 10302929 | 10408957 | 10443094 | 10384993 | 0.70   | cps   |
| Rhodium    | 103-2 | 5335425  | 5384865  | 5345740  | 5355343  | 0.49   | cps   |
| Scandium   | 45-1  | 7391469  | 7327862  | 7445044  | 7388125  | 0.79   | cps   |
| Scandium   | 45-2  | 397837   | 395358   | 394736   | 395977   | 0.41   | cps   |
| Selenium   | 77-2  | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 130      | 113      | 148      | 130      | 13.52  | cps   |
| Selenium   | 82-1  | 305      | 256      | 246      | 269      | 11.70  | cps   |
| Silicon    | 28-1  | 667350   | 658560   | 660982   | 662297   | 0.69   | cps   |
| Silver     | 109-1 | 100      | 75       | 100      | 92       | 15.75  | cps   |
| Silver     | 107-1 | 158      | 183      | 258      | 200      | 26.02  | cps   |
| Sodium     | 23-2  | 51548    | 51130    | 51548    | 51408    | 0.47   | cps   |
| Strontium  | 86-1  | 1442     | 1817     | 1909     | 1722     | 14.36  | cps   |
| Strontium  | 88-1  | 942      | 792      | 825      | 853      | 9.24   | cps   |
| Sulfur     | 34-1  | 720635   | 721671   | 732435   | 724914   | 0.90   | cps   |
| Terbium    | 159-1 | 13679710 | 13964051 | 14167119 | 13936960 | 1.76   | cps   |
| Terbium    | 159-2 | 7654176  | 7624377  | 7494719  | 7591091  | 1.12   | cps   |
| Thallium   | 203-1 | 150      | 233      | 175      | 186      | 22.98  | cps   |
| Thallium   | 205-1 | 558      | 483      | 558      | 533      | 8.12   | cps   |
| Tin        | 118-1 | 1308     | 1008     | 1208     | 1175     | 13.00  | cps   |
| Titanium   | 47-1  | 283      | 242      | 267      | 264      | 7.95   | cps   |
| Uranium    | 238-1 | 317      | 300      | 283      | 300      | 5.56   | cps   |
| Vanadium   | 51-2  | 7        | 33       | 20       | 20       | 66.65  | cps   |
| Yttrium    | 89-1  | 11497388 | 11479534 | 11700159 | 11559027 | 1.06   | cps   |
| Yttrium    | 89-2  | 2013823  | 2012452  | 2005505  | 2010593  | 0.22   | cps   |
| Zinc       | 66-2  | 420      | 423      | 427      | 423      | 0.79   | cps   |
| Zirconium  | 90-1  | 725      | 800      | 692      | 739      | 7.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:37:59 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 133  | 167  | 139     | 18.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:41:24 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200      | 183      | 200      | 194      | 4.95   | cps   |
| Antimony   | 121-1 | 183      | 133      | 108      | 142      | 26.96  | cps   |
| Arsenic    | 75-2  | 9        | 7        | 4        | 7        | 41.70  | cps   |
| Barium     | 135-1 | 67       | 75       | 150      | 97       | 47.21  | cps   |
| Barium     | 137-1 | 175      | 175      | 100      | 150      | 28.87  | cps   |
| Beryllium  | 9-1   | 67       | 50       | 72       | 63       | 18.37  | cps   |
| Bismuth    | 209-1 | 8671162  | 8331869  | 8822590  | 8608541  | 2.92   | cps   |
| Bismuth    | 209-2 | 5809184  | 5775681  | 5815738  | 5800201  | 0.37   | cps   |
| Boron      | 10-1  | 458      | 275      | 225      | 319      | 38.46  | cps   |
| Boron      | 11-1  | 1383     | 1383     | 1208     | 1325     | 7.63   | cps   |
| Cadmium    | 111-1 | 2634     | 2709     | 2842     | 2728     | 3.87   | cps   |
| Cadmium    | 106-1 | 3759     | 3859     | 4067     | 3895     | 4.04   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 25       | 15       | 56.79  | cps   |
| Calcium    | 43-1  | 358      | 325      | 333      | 339      | 5.12   | cps   |
| Calcium    | 44-1  | 23545    | 23194    | 23094    | 23278    | 1.02   | cps   |
| Chromium   | 52-2  | 1823     | 1974     | 1847     | 1881     | 4.29   | cps   |
| Cobalt     | 59-2  | 37       | 37       | 60       | 44       | 30.31  | cps   |
| Copper     | 63-2  | 1477     | 1520     | 1447     | 1481     | 2.49   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 10       | 10       | 7        | 86.60  | cps   |
| Erbium     | 164-1 | 42       | 42       | 92       | 58       | 49.48  | cps   |
| Erbium     | 164-2 | 27       | 23       | 7        | 19       | 56.72  | cps   |
| Gadolinium | 160-1 | 167      | 125      | 142      | 144      | 14.52  | cps   |
| Gadolinium | 160-2 | 130      | 123      | 137      | 130      | 5.13   | cps   |
| Holmium    | 165-1 | 13420482 | 13070525 | 13596801 | 13362603 | 2.00   | cps   |
| Holmium    | 165-2 | 7475744  | 7564924  | 7600857  | 7547175  | 0.85   | cps   |
| Indium     | 115-1 | 10904500 | 10726535 | 11240516 | 10957184 | 2.38   | cps   |
| Indium     | 115-2 | 2471973  | 2457015  | 2482022  | 2470336  | 0.51   | cps   |
| Iron       | 56-2  | 7691     | 7663     | 7285     | 7547     | 3.00   | cps   |
| Iron       | 57-2  | 428      | 506      | 372      | 435      | 15.39  | cps   |
| Lead       | 206-1 | 1367     | 1256     | 1317     | 1313     | 4.24   | cps   |
| Lead       | 207-1 | 1161     | 1089     | 1117     | 1122     | 3.25   | cps   |
| Lead       | 208-1 | 5362     | 5156     | 5117     | 5212     | 2.52   | cps   |
| Lithium    | 6-1   | 1885003  | 1846819  | 1937247  | 1889689  | 2.40   | cps   |
| Magnesium  | 24-2  | 267      | 392      | 325      | 328      | 19.08  | cps   |
| Manganese  | 55-2  | 47       | 73       | 60       | 60       | 22.22  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:41:24 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 283      | 292      | 292      | 289      | 1.66   | cps   |
| Molybdenum | 95-1  | 50       | 67       | 50       | 56       | 17.32  | cps   |
| Molybdenum | 96-1  | 175      | 167      | 133      | 158      | 13.93  | cps   |
| Molybdenum | 97-1  | 125      | 117      | 108      | 117      | 7.14   | cps   |
| Molybdenum | 98-1  | 117      | 100      | 108      | 108      | 7.69   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 67       | 90       | 57       | 71       | 24.05  | cps   |
| Phosphorus | 31-2  | 167      | 283      | 208      | 219      | 26.94  | cps   |
| Potassium  | 39-2  | 62884    | 63235    | 62575    | 62898    | 0.53   | cps   |
| Rhodium    | 103-1 | 10342802 | 10107592 | 10632014 | 10360803 | 2.54   | cps   |
| Rhodium    | 103-2 | 5316696  | 5244900  | 5327190  | 5296262  | 0.85   | cps   |
| Scandium   | 45-1  | 7304899  | 7121595  | 7629689  | 7352061  | 3.50   | cps   |
| Scandium   | 45-2  | 394782   | 390698   | 397180   | 394220   | 0.83   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 102      | 165      | 154      | 140      | 23.99  | cps   |
| Selenium   | 82-1  | 234      | 107      | 137      | 160      | 41.73  | cps   |
| Silicon    | 28-1  | 654008   | 660405   | 661942   | 658785   | 0.64   | cps   |
| Silver     | 109-1 | 100      | 125      | 92       | 106      | 16.44  | cps   |
| Silver     | 107-1 | 83       | 67       | 108      | 86       | 24.35  | cps   |
| Sodium     | 23-2  | 49324    | 49959    | 50461    | 49915    | 1.14   | cps   |
| Strontium  | 86-1  | 1784     | 1433     | 1892     | 1703     | 14.07  | cps   |
| Strontium  | 88-1  | 433      | 592      | 475      | 500      | 16.41  | cps   |
| Sulfur     | 34-1  | 735721   | 740484   | 741201   | 739135   | 0.40   | cps   |
| Terbium    | 159-1 | 13901729 | 13580685 | 14230640 | 13904351 | 2.34   | cps   |
| Terbium    | 159-2 | 7437778  | 7438905  | 7533755  | 7470146  | 0.74   | cps   |
| Thallium   | 203-1 | 183      | 100      | 125      | 136      | 31.41  | cps   |
| Thallium   | 205-1 | 267      | 267      | 317      | 283      | 10.19  | cps   |
| Tin        | 118-1 | 1192     | 1433     | 1300     | 1308     | 9.25   | cps   |
| Titanium   | 47-1  | 233      | 317      | 308      | 286      | 16.04  | cps   |
| Uranium    | 238-1 | 100      | 33       | 58       | 64       | 52.72  | cps   |
| Vanadium   | 51-2  | 20       | 17       | 13       | 17       | 20.01  | cps   |
| Yttrium    | 89-1  | 11395680 | 11286993 | 11798444 | 11493706 | 2.34   | cps   |
| Yttrium    | 89-2  | 1971536  | 1964667  | 1974554  | 1970252  | 0.26   | cps   |
| Zinc       | 66-2  | 343      | 303      | 317      | 321      | 6.34   | cps   |
| Zirconium  | 90-1  | 617      | 608      | 758      | 661      | 12.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB87               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB87               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:41:24 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 217  | 158  | 158     | 36.84  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : PB101399BS Instrumnet Name : P7  
 Client Sample ID : PB101399BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:44:50 DataFile Name : 066SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 608      | 708      | 683      | 667      | 7.81   | cps   |
| Antimony   | 121-1 | 217      | 183      | 250      | 217      | 15.39  | cps   |
| Arsenic    | 75-2  | 11       | 19       | 13       | 14       | 27.17  | cps   |
| Barium     | 135-1 | 117      | 108      | 125      | 117      | 7.14   | cps   |
| Barium     | 137-1 | 217      | 125      | 258      | 200      | 34.10  | cps   |
| Beryllium  | 9-1   | 44       | 56       | 28       | 43       | 32.83  | cps   |
| Bismuth    | 209-1 | 8576496  | 8938565  | 8621936  | 8712332  | 2.26   | cps   |
| Bismuth    | 209-2 | 5793618  | 5919506  | 5862938  | 5858687  | 1.08   | cps   |
| Boron      | 10-1  | 325      | 367      | 433      | 375      | 14.57  | cps   |
| Boron      | 11-1  | 1650     | 1775     | 1683     | 1703     | 3.80   | cps   |
| Cadmium    | 111-1 | 2972     | 2883     | 2810     | 2888     | 2.80   | cps   |
| Cadmium    | 106-1 | 4234     | 4117     | 4026     | 4126     | 2.53   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 17       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 392      | 325      | 283      | 333      | 16.39  | cps   |
| Calcium    | 44-1  | 24438    | 25147    | 24330    | 24638    | 1.80   | cps   |
| Chromium   | 52-2  | 2060     | 1787     | 1850     | 1899     | 7.54   | cps   |
| Cobalt     | 59-2  | 107      | 93       | 93       | 98       | 7.87   | cps   |
| Copper     | 63-2  | 1367     | 1390     | 1573     | 1443     | 7.84   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 33       | 42       | 50       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 17       | 27       | 13       | 19       | 36.75  | cps   |
| Gadolinium | 160-1 | 67       | 92       | 125      | 94       | 30.99  | cps   |
| Gadolinium | 160-2 | 100      | 107      | 133      | 113      | 15.57  | cps   |
| Holmium    | 165-1 | 13341761 | 13647092 | 13504924 | 13497926 | 1.13   | cps   |
| Holmium    | 165-2 | 7545039  | 7690763  | 7641087  | 7625630  | 0.97   | cps   |
| Indium     | 115-1 | 10978400 | 11079201 | 10917290 | 10991631 | 0.74   | cps   |
| Indium     | 115-2 | 2439113  | 2492746  | 2495972  | 2475944  | 1.29   | cps   |
| Iron       | 56-2  | 9526     | 9387     | 9248     | 9387     | 1.48   | cps   |
| Iron       | 57-2  | 400      | 389      | 383      | 391      | 2.17   | cps   |
| Lead       | 206-1 | 5444351  | 5438828  | 5487680  | 5456953  | 0.49   | cps   |
| Lead       | 207-1 | 4857240  | 4864195  | 4911352  | 4877596  | 0.60   | cps   |
| Lead       | 208-1 | 22005415 | 21949507 | 22294023 | 22082982 | 0.84   | cps   |
| Lithium    | 6-1   | 1867595  | 1942598  | 1952689  | 1920961  | 2.42   | cps   |
| Magnesium  | 24-2  | 458      | 317      | 392      | 389      | 18.22  | cps   |
| Manganese  | 55-2  | 90       | 73       | 77       | 80       | 11.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:44:50 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 417      | 417      | 325      | 386      | 13.71  | cps   |
| Molybdenum | 95-1  | 175      | 142      | 275      | 197      | 35.18  | cps   |
| Molybdenum | 96-1  | 308      | 292      | 258      | 286      | 8.90   | cps   |
| Molybdenum | 97-1  | 283      | 250      | 150      | 228      | 30.46  | cps   |
| Molybdenum | 98-1  | 242      | 233      | 342      | 272      | 22.15  | cps   |
| Neodymium  | 150-1 | 13       | 13       | 0        | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 87       | 67       | 103      | 86       | 21.46  | cps   |
| Phosphorus | 31-2  | 242      | 300      | 225      | 256      | 15.41  | cps   |
| Potassium  | 39-2  | 63026    | 63470    | 64633    | 63710    | 1.30   | cps   |
| Rhodium    | 103-1 | 10324149 | 10594515 | 10458069 | 10458911 | 1.29   | cps   |
| Rhodium    | 103-2 | 5266180  | 5368889  | 5388018  | 5341029  | 1.23   | cps   |
| Scandium   | 45-1  | 7294528  | 7577423  | 7209923  | 7360625  | 2.61   | cps   |
| Scandium   | 45-2  | 390980   | 398885   | 396193   | 395353   | 1.02   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 154      | 119      | 133      | 135      | 13.07  | cps   |
| Selenium   | 82-1  | 214      | 259      | 296      | 256      | 16.09  | cps   |
| Silicon    | 28-1  | 657095   | 657514   | 666312   | 660307   | 0.79   | cps   |
| Silver     | 109-1 | 158      | 117      | 125      | 133      | 16.54  | cps   |
| Silver     | 107-1 | 142      | 200      | 117      | 153      | 27.99  | cps   |
| Sodium     | 23-2  | 48872    | 49432    | 48889    | 49064    | 0.65   | cps   |
| Strontium  | 86-1  | 1767     | 1709     | 1734     | 1736     | 1.69   | cps   |
| Strontium  | 88-1  | 667      | 733      | 658      | 686      | 5.99   | cps   |
| Sulfur     | 34-1  | 738420   | 732193   | 732131   | 734248   | 0.49   | cps   |
| Terbium    | 159-1 | 13820985 | 14188196 | 13951133 | 13986771 | 1.33   | cps   |
| Terbium    | 159-2 | 7529684  | 7622861  | 7501213  | 7551253  | 0.84   | cps   |
| Thallium   | 203-1 | 133      | 208      | 158      | 167      | 22.91  | cps   |
| Thallium   | 205-1 | 425      | 517      | 400      | 447      | 13.74  | cps   |
| Tin        | 118-1 | 2442     | 1167     | 1309     | 1639     | 42.65  | cps   |
| Titanium   | 47-1  | 208      | 258      | 250      | 239      | 11.21  | cps   |
| Uranium    | 238-1 | 233      | 250      | 367      | 283      | 25.64  | cps   |
| Vanadium   | 51-2  | 23       | 23       | 23       | 23       | 0.00   | cps   |
| Yttrium    | 89-1  | 11374434 | 11717378 | 11612075 | 11567962 | 1.52   | cps   |
| Yttrium    | 89-2  | 1971895  | 2007110  | 2003901  | 1994302  | 0.98   | cps   |
| Zinc       | 66-2  | 373      | 553      | 463      | 463      | 19.42  | cps   |
| Zirconium  | 90-1  | 775      | 825      | 992      | 864      | 13.13  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101399BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101399BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:44:50 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 183  | 200  | 197     | 6.45   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-01-FL1-KIS-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:48:16  | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 71070    | 70056    | 68717    | 69948    | 1.69   | cps   |
| Antimony   | 121-1 | 850      | 958      | 817      | 875      | 8.47   | cps   |
| Arsenic    | 75-2  | 156      | 211      | 228      | 198      | 19.08  | cps   |
| Barium     | 135-1 | 57930    | 58138    | 57997    | 58022    | 0.18   | cps   |
| Barium     | 137-1 | 101520   | 101168   | 99924    | 100871   | 0.83   | cps   |
| Beryllium  | 9-1   | 39       | 22       | 44       | 35       | 32.88  | cps   |
| Bismuth    | 209-1 | 9128549  | 9111287  | 9493414  | 9244417  | 2.33   | cps   |
| Bismuth    | 209-2 | 5899813  | 6094766  | 6091845  | 6028808  | 1.85   | cps   |
| Boron      | 10-1  | 1825     | 2042     | 1959     | 1942     | 5.63   | cps   |
| Boron      | 11-1  | 10462    | 9954     | 10346    | 10254    | 2.60   | cps   |
| Cadmium    | 111-1 | 3132     | 3219     | 3202     | 3184     | 1.45   | cps   |
| Cadmium    | 106-1 | 4142     | 4259     | 4259     | 4220     | 1.60   | cps   |
| Cadmium    | 108-1 | 38       | 42       | 54       | 44       | 19.52  | cps   |
| Calcium    | 43-1  | 268135   | 267094   | 262787   | 266006   | 1.07   | cps   |
| Calcium    | 44-1  | 4466090  | 4463463  | 4381634  | 4437062  | 1.08   | cps   |
| Chromium   | 52-2  | 2580     | 2530     | 2574     | 2561     | 1.06   | cps   |
| Cobalt     | 59-2  | 627      | 613      | 640      | 627      | 2.13   | cps   |
| Copper     | 63-2  | 1228227  | 1225174  | 1224083  | 1225828  | 0.18   | cps   |
| Dysprosium | 156-1 | 100      | 33       | 8        | 47       | 100.36 | cps   |
| Dysprosium | 156-2 | 57       | 23       | 43       | 41       | 40.82  | cps   |
| Erbium     | 164-1 | 125      | 83       | 67       | 92       | 32.78  | cps   |
| Erbium     | 164-2 | 50       | 53       | 50       | 51       | 3.76   | cps   |
| Gadolinium | 160-1 | 217      | 200      | 150      | 189      | 18.37  | cps   |
| Gadolinium | 160-2 | 143      | 190      | 157      | 163      | 14.72  | cps   |
| Holmium    | 165-1 | 14428561 | 14215433 | 14394259 | 14346084 | 0.80   | cps   |
| Holmium    | 165-2 | 7914257  | 8079061  | 7974853  | 7989390  | 1.04   | cps   |
| Indium     | 115-1 | 11784854 | 11518371 | 11772387 | 11691871 | 1.29   | cps   |
| Indium     | 115-2 | 2583222  | 2611355  | 2612742  | 2602440  | 0.64   | cps   |
| Iron       | 56-2  | 117426   | 113724   | 112543   | 114564   | 2.22   | cps   |
| Iron       | 57-2  | 3856     | 3651     | 3945     | 3817     | 3.96   | cps   |
| Lead       | 206-1 | 5924     | 5412     | 5701     | 5679     | 4.52   | cps   |
| Lead       | 207-1 | 4740     | 4840     | 5023     | 4868     | 2.95   | cps   |
| Lead       | 208-1 | 22892    | 21969    | 22197    | 22352    | 2.15   | cps   |
| Lithium    | 6-1   | 2072226  | 2016239  | 2016302  | 2034922  | 1.59   | cps   |
| Magnesium  | 24-2  | 449956   | 447679   | 447386   | 448340   | 0.31   | cps   |
| Manganese  | 55-2  | 26411    | 25863    | 26103    | 26126    | 1.05   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-01-FL1-KIS-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:48:16  | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 933      | 858      | 881      | 5.21   | cps   |
| Molybdenum | 95-1  | 300      | 308      | 392      | 333      | 15.21  | cps   |
| Molybdenum | 96-1  | 408      | 492      | 342      | 414      | 18.16  | cps   |
| Molybdenum | 97-1  | 283      | 408      | 292      | 328      | 21.32  | cps   |
| Molybdenum | 98-1  | 533      | 358      | 350      | 414      | 25.01  | cps   |
| Neodymium  | 150-1 | 47       | 67       | 60       | 58       | 17.62  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 23       | 24       | 7.89   | cps   |
| Nickel     | 60-2  | 23138    | 23356    | 23506    | 23333    | 0.79   | cps   |
| Phosphorus | 31-2  | 6085     | 5751     | 6177     | 6004     | 3.73   | cps   |
| Potassium  | 39-2  | 262618   | 264009   | 263499   | 263375   | 0.27   | cps   |
| Rhodium    | 103-1 | 11116186 | 11001867 | 11046822 | 11054958 | 0.52   | cps   |
| Rhodium    | 103-2 | 5515307  | 5605993  | 5545062  | 5555454  | 0.83   | cps   |
| Scandium   | 45-1  | 7880425  | 7838813  | 7833035  | 7850758  | 0.33   | cps   |
| Scandium   | 45-2  | 407273   | 412068   | 408575   | 409305   | 0.61   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 104      | 109      | 126      | 113      | 10.24  | cps   |
| Selenium   | 82-1  | 223      | 298      | 197      | 239      | 21.79  | cps   |
| Silicon    | 28-1  | 10154016 | 10161605 | 9953426  | 10089682 | 1.17   | cps   |
| Silver     | 109-1 | 183      | 258      | 92       | 178      | 46.96  | cps   |
| Silver     | 107-1 | 225      | 258      | 267      | 250      | 8.82   | cps   |
| Sodium     | 23-2  | 7565522  | 7515245  | 7489452  | 7523406  | 0.51   | cps   |
| Strontium  | 86-1  | 97102    | 96667    | 94250    | 96006    | 1.60   | cps   |
| Strontium  | 88-1  | 833183   | 828733   | 817514   | 826477   | 0.98   | cps   |
| Sulfur     | 34-1  | 816023   | 820220   | 815740   | 817328   | 0.31   | cps   |
| Terbium    | 159-1 | 15191116 | 14827499 | 14986094 | 15001570 | 1.22   | cps   |
| Terbium    | 159-2 | 7905691  | 8002422  | 8050760  | 7986291  | 0.92   | cps   |
| Thallium   | 203-1 | 208      | 242      | 192      | 214      | 11.90  | cps   |
| Thallium   | 205-1 | 567      | 508      | 608      | 561      | 8.95   | cps   |
| Tin        | 118-1 | 7555     | 6485     | 6118     | 6719     | 11.11  | cps   |
| Titanium   | 47-1  | 1208     | 1175     | 1192     | 1192     | 1.40   | cps   |
| Uranium    | 238-1 | 483      | 375      | 475      | 444      | 13.56  | cps   |
| Vanadium   | 51-2  | 400      | 337      | 427      | 388      | 11.92  | cps   |
| Yttrium    | 89-1  | 12513638 | 12356216 | 12340439 | 12403431 | 0.77   | cps   |
| Yttrium    | 89-2  | 2054551  | 2101850  | 2084644  | 2080348  | 1.15   | cps   |
| Zinc       | 66-2  | 399184   | 398701   | 396745   | 398210   | 0.32   | cps   |
| Zirconium  | 90-1  | 2159     | 1884     | 2042     | 2028     | 6.81   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-01-FL1-KIS-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:48:16   | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 483  | 408  | 517  | 469     | 11.82  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-02 Instrumnet Name : P7  
 Client Sample ID : DC16740-02-FL1-KIS-W DataFile Name : 068SMPL.d  
 Date & Time Acquired :: 2017-08-09 19:51:41

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2434     | 2784     | 2284     | 2501     | 10.27  | cps   |
| Antimony   | 121-1 | 950      | 925      | 867      | 914      | 4.68   | cps   |
| Arsenic    | 75-2  | 194      | 200      | 189      | 194      | 2.86   | cps   |
| Barium     | 135-1 | 58842    | 59738    | 59553    | 59378    | 0.80   | cps   |
| Barium     | 137-1 | 102728   | 103240   | 102242   | 102737   | 0.49   | cps   |
| Beryllium  | 9-1   | 56       | 50       | 67       | 57       | 14.78  | cps   |
| Bismuth    | 209-1 | 9057065  | 9262678  | 9205810  | 9175184  | 1.16   | cps   |
| Bismuth    | 209-2 | 5921204  | 6332158  | 6174431  | 6142598  | 3.38   | cps   |
| Boron      | 10-1  | 2075     | 1809     | 2000     | 1961     | 7.01   | cps   |
| Boron      | 11-1  | 9312     | 9520     | 9737     | 9523     | 2.23   | cps   |
| Cadmium    | 111-1 | 3006     | 2937     | 2791     | 2912     | 3.78   | cps   |
| Cadmium    | 106-1 | 4268     | 4176     | 3984     | 4142     | 3.49   | cps   |
| Cadmium    | 108-1 | 8        | 33       | 21       | 21       | 60.01  | cps   |
| Calcium    | 43-1  | 268599   | 266858   | 264094   | 266517   | 0.85   | cps   |
| Calcium    | 44-1  | 4464899  | 4433830  | 4383965  | 4427565  | 0.92   | cps   |
| Chromium   | 52-2  | 1883     | 2024     | 1903     | 1937     | 3.91   | cps   |
| Cobalt     | 59-2  | 323      | 313      | 273      | 303      | 8.72   | cps   |
| Copper     | 63-2  | 1230715  | 1237841  | 1237458  | 1235338  | 0.32   | cps   |
| Dysprosium | 156-1 | 83       | 17       | 58       | 53       | 63.81  | cps   |
| Dysprosium | 156-2 | 40       | 50       | 40       | 43       | 13.32  | cps   |
| Erbium     | 164-1 | 100      | 92       | 167      | 119      | 34.41  | cps   |
| Erbium     | 164-2 | 33       | 30       | 33       | 32       | 5.97   | cps   |
| Gadolinium | 160-1 | 183      | 150      | 183      | 172      | 11.17  | cps   |
| Gadolinium | 160-2 | 163      | 177      | 157      | 166      | 6.15   | cps   |
| Holmium    | 165-1 | 14221707 | 14246033 | 14120429 | 14196056 | 0.47   | cps   |
| Holmium    | 165-2 | 7855461  | 8154636  | 7958823  | 7989640  | 1.90   | cps   |
| Indium     | 115-1 | 11479914 | 11729875 | 11679403 | 11629731 | 1.14   | cps   |
| Indium     | 115-2 | 2550155  | 2658144  | 2625724  | 2611341  | 2.12   | cps   |
| Iron       | 56-2  | 103209   | 106081   | 106887   | 105393   | 1.83   | cps   |
| Iron       | 57-2  | 3467     | 3573     | 3423     | 3488     | 2.21   | cps   |
| Lead       | 206-1 | 3239     | 3662     | 3395     | 3432     | 6.22   | cps   |
| Lead       | 207-1 | 3039     | 3017     | 3128     | 3062     | 1.92   | cps   |
| Lead       | 208-1 | 13976    | 14253    | 13358    | 13863    | 3.30   | cps   |
| Lithium    | 6-1   | 2027163  | 2009213  | 2025021  | 2020466  | 0.49   | cps   |
| Magnesium  | 24-2  | 436278   | 441653   | 439024   | 438985   | 0.61   | cps   |
| Manganese  | 55-2  | 28601    | 28571    | 28959    | 28710    | 0.75   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-02-FL1-KIS-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:51:41  | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 983      | 733      | 892      | 870      | 14.55  | cps   |
| Molybdenum | 95-1  | 317      | 350      | 467      | 378      | 20.85  | cps   |
| Molybdenum | 96-1  | 492      | 533      | 450      | 492      | 8.47   | cps   |
| Molybdenum | 97-1  | 250      | 333      | 192      | 258      | 27.56  | cps   |
| Molybdenum | 98-1  | 575      | 483      | 775      | 611      | 24.41  | cps   |
| Neodymium  | 150-1 | 47       | 67       | 80       | 64       | 26.03  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Nickel     | 60-2  | 66075    | 66815    | 67458    | 66782    | 1.04   | cps   |
| Phosphorus | 31-2  | 7210     | 7219     | 6768     | 7066     | 3.65   | cps   |
| Potassium  | 39-2  | 254268   | 258386   | 258809   | 257154   | 0.98   | cps   |
| Rhodium    | 103-1 | 10990325 | 11072626 | 11019928 | 11027626 | 0.38   | cps   |
| Rhodium    | 103-2 | 5463788  | 5693799  | 5580952  | 5579513  | 2.06   | cps   |
| Scandium   | 45-1  | 7479115  | 7779850  | 7647379  | 7635448  | 1.97   | cps   |
| Scandium   | 45-2  | 401301   | 423296   | 416140   | 413579   | 2.71   | cps   |
| Selenium   | 77-2  | 3        | 13       | 7        | 8        | 65.47  | cps   |
| Selenium   | 78-2  | 126      | 133      | 131      | 130      | 2.96   | cps   |
| Selenium   | 82-1  | 169      | 86       | 370      | 209      | 70.02  | cps   |
| Silicon    | 28-1  | 10093408 | 9762338  | 9702099  | 9852615  | 2.14   | cps   |
| Silver     | 109-1 | 200      | 258      | 275      | 244      | 16.11  | cps   |
| Silver     | 107-1 | 250      | 292      | 192      | 244      | 20.55  | cps   |
| Sodium     | 23-2  | 7465774  | 7571655  | 7462751  | 7500060  | 0.83   | cps   |
| Strontium  | 86-1  | 96968    | 95509    | 95466    | 95981    | 0.89   | cps   |
| Strontium  | 88-1  | 841599   | 831954   | 818365   | 830640   | 1.41   | cps   |
| Sulfur     | 34-1  | 828401   | 830354   | 836589   | 831782   | 0.51   | cps   |
| Terbium    | 159-1 | 14828265 | 15052389 | 14816805 | 14899153 | 0.89   | cps   |
| Terbium    | 159-2 | 7844147  | 8126492  | 8072922  | 8014520  | 1.87   | cps   |
| Thallium   | 203-1 | 242      | 250      | 250      | 247      | 1.95   | cps   |
| Thallium   | 205-1 | 550      | 517      | 483      | 517      | 6.45   | cps   |
| Tin        | 118-1 | 875      | 725      | 800      | 800      | 9.38   | cps   |
| Titanium   | 47-1  | 1500     | 1108     | 1175     | 1261     | 16.63  | cps   |
| Uranium    | 238-1 | 425      | 400      | 458      | 428      | 6.84   | cps   |
| Vanadium   | 51-2  | 287      | 323      | 313      | 308      | 6.16   | cps   |
| Yttrium    | 89-1  | 12296849 | 12243030 | 12069745 | 12203208 | 0.97   | cps   |
| Yttrium    | 89-2  | 2049220  | 2148596  | 2095179  | 2097665  | 2.37   | cps   |
| Zinc       | 66-2  | 19537    | 19543    | 19523    | 19534    | 0.05   | cps   |
| Zirconium  | 90-1  | 1717     | 1792     | 1984     | 1831     | 7.51   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-02-FL1-KIS-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:51:41   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 375  | 342  | 356     | 4.88   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-03-FL1-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:55:06  | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 21583    | 22254    | 20081    | 21306    | 5.22   | cps   |
| Antimony   | 121-1 | 717      | 758      | 800      | 758      | 5.49   | cps   |
| Arsenic    | 75-2  | 209      | 187      | 220      | 206      | 8.26   | cps   |
| Barium     | 135-1 | 58390    | 55989    | 55880    | 56753    | 2.50   | cps   |
| Barium     | 137-1 | 100185   | 99094    | 96635    | 98638    | 1.84   | cps   |
| Beryllium  | 9-1   | 56       | 28       | 33       | 39       | 37.80  | cps   |
| Bismuth    | 209-1 | 9165303  | 9050423  | 9011760  | 9075828  | 0.88   | cps   |
| Bismuth    | 209-2 | 4965754  | 5878122  | 6270406  | 5704761  | 11.73  | cps   |
| Boron      | 10-1  | 2142     | 1642     | 2000     | 1928     | 13.37  | cps   |
| Boron      | 11-1  | 9203     | 9370     | 9962     | 9512     | 4.19   | cps   |
| Cadmium    | 111-1 | 2746     | 3074     | 2893     | 2905     | 5.66   | cps   |
| Cadmium    | 106-1 | 3926     | 4418     | 4084     | 4142     | 6.06   | cps   |
| Cadmium    | 108-1 | 8        | 38       | 17       | 21       | 72.12  | cps   |
| Calcium    | 43-1  | 263155   | 263790   | 256818   | 261254   | 1.48   | cps   |
| Calcium    | 44-1  | 4389130  | 4332198  | 4281118  | 4334149  | 1.25   | cps   |
| Chromium   | 52-2  | 1940     | 1877     | 1803     | 1873     | 3.65   | cps   |
| Cobalt     | 59-2  | 250      | 230      | 283      | 254      | 10.59  | cps   |
| Copper     | 63-2  | 904575   | 895885   | 890636   | 897032   | 0.78   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 58       | 58       | 0.00   | cps   |
| Dysprosium | 156-2 | 37       | 60       | 30       | 42       | 37.31  | cps   |
| Erbium     | 164-1 | 100      | 125      | 158      | 128      | 22.90  | cps   |
| Erbium     | 164-2 | 50       | 90       | 40       | 60       | 44.10  | cps   |
| Gadolinium | 160-1 | 217      | 117      | 225      | 186      | 32.39  | cps   |
| Gadolinium | 160-2 | 157      | 157      | 180      | 164      | 8.19   | cps   |
| Holmium    | 165-1 | 14181152 | 14182216 | 14108293 | 14157220 | 0.30   | cps   |
| Holmium    | 165-2 | 6417395  | 7767853  | 8076687  | 7420645  | 11.89  | cps   |
| Indium     | 115-1 | 11598648 | 11526789 | 11417550 | 11514329 | 0.79   | cps   |
| Indium     | 115-2 | 2092045  | 2546312  | 2624696  | 2421018  | 11.88  | cps   |
| Iron       | 56-2  | 120877   | 120765   | 115127   | 118923   | 2.76   | cps   |
| Iron       | 57-2  | 3851     | 3712     | 3756     | 3773     | 1.88   | cps   |
| Lead       | 206-1 | 2217     | 2517     | 2217     | 2317     | 7.48   | cps   |
| Lead       | 207-1 | 2256     | 2200     | 2234     | 2230     | 1.25   | cps   |
| Lead       | 208-1 | 9479     | 9513     | 9390     | 9461     | 0.67   | cps   |
| Lithium    | 6-1   | 2035114  | 2035793  | 2013659  | 2028189  | 0.62   | cps   |
| Magnesium  | 24-2  | 440010   | 429689   | 435119   | 434939   | 1.19   | cps   |
| Manganese  | 55-2  | 35296    | 34333    | 35844    | 35158    | 2.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-03-FL1-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:55:06  | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 825      | 800      | 708      | 778      | 7.90   | cps   |
| Molybdenum | 95-1  | 392      | 367      | 300      | 353      | 13.43  | cps   |
| Molybdenum | 96-1  | 525      | 442      | 392      | 453      | 14.88  | cps   |
| Molybdenum | 97-1  | 392      | 267      | 183      | 281      | 37.38  | cps   |
| Molybdenum | 98-1  | 650      | 467      | 617      | 578      | 16.90  | cps   |
| Neodymium  | 150-1 | 87       | 87       | 67       | 80       | 14.43  | cps   |
| Neodymium  | 150-2 | 33       | 17       | 30       | 27       | 33.06  | cps   |
| Nickel     | 60-2  | 6745     | 7189     | 6792     | 6908     | 3.53   | cps   |
| Phosphorus | 31-2  | 7461     | 6844     | 7135     | 7146     | 4.32   | cps   |
| Potassium  | 39-2  | 253367   | 252088   | 254227   | 253227   | 0.43   | cps   |
| Rhodium    | 103-1 | 10924557 | 10830611 | 10801425 | 10852198 | 0.59   | cps   |
| Rhodium    | 103-2 | 4464187  | 5440726  | 5604336  | 5169750  | 11.92  | cps   |
| Scandium   | 45-1  | 7867007  | 7748013  | 7610551  | 7741857  | 1.66   | cps   |
| Scandium   | 45-2  | 332108   | 397509   | 416938   | 382185   | 11.63  | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 141      | 109      | 102      | 117      | 17.61  | cps   |
| Selenium   | 82-1  | 179      | 269      | 256      | 235      | 20.86  | cps   |
| Silicon    | 28-1  | 9559717  | 9528933  | 9525357  | 9538002  | 0.20   | cps   |
| Silver     | 109-1 | 183      | 158      | 133      | 158      | 15.79  | cps   |
| Silver     | 107-1 | 225      | 300      | 233      | 253      | 16.26  | cps   |
| Sodium     | 23-2  | 7523574  | 7372453  | 7429646  | 7441891  | 1.03   | cps   |
| Strontium  | 86-1  | 95843    | 94091    | 92547    | 94160    | 1.75   | cps   |
| Strontium  | 88-1  | 819088   | 811603   | 805499   | 812063   | 0.84   | cps   |
| Sulfur     | 34-1  | 845778   | 845533   | 839769   | 843694   | 0.40   | cps   |
| Terbium    | 159-1 | 14859853 | 14549569 | 14517398 | 14642273 | 1.29   | cps   |
| Terbium    | 159-2 | 6433776  | 7819468  | 8073607  | 7442284  | 11.86  | cps   |
| Thallium   | 203-1 | 233      | 150      | 200      | 194      | 21.57  | cps   |
| Thallium   | 205-1 | 517      | 617      | 567      | 567      | 8.82   | cps   |
| Tin        | 118-1 | 2334     | 2334     | 2409     | 2359     | 1.84   | cps   |
| Titanium   | 47-1  | 1058     | 1100     | 1375     | 1178     | 14.61  | cps   |
| Uranium    | 238-1 | 542      | 517      | 642      | 567      | 11.67  | cps   |
| Vanadium   | 51-2  | 390      | 400      | 343      | 378      | 8.01   | cps   |
| Yttrium    | 89-1  | 12233242 | 12253432 | 11998649 | 12161774 | 1.16   | cps   |
| Yttrium    | 89-2  | 1671481  | 2028815  | 2108713  | 1936336  | 12.02  | cps   |
| Zinc       | 66-2  | 15699    | 15288    | 15528    | 15505    | 1.33   | cps   |
| Zirconium  | 90-1  | 1725     | 1567     | 1767     | 1686     | 6.26   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-03-FL1-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:55:06  | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 442  | 392  | 392     | 12.77  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-04 Instrumnet Name : P7  
 Client Sample ID : DC16740-04-FL1-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:58:31 DataFile Name : 070SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1634     | 1700     | 1517     | 1617     | 5.74   | cps   |
| Antimony   | 121-1 | 708      | 783      | 575      | 689      | 15.32  | cps   |
| Arsenic    | 75-2  | 180      | 200      | 165      | 181      | 9.73   | cps   |
| Barium     | 135-1 | 59202    | 59470    | 58382    | 59018    | 0.96   | cps   |
| Barium     | 137-1 | 101024   | 100067   | 101041   | 100711   | 0.55   | cps   |
| Beryllium  | 9-1   | 33       | 39       | 44       | 39       | 14.30  | cps   |
| Bismuth    | 209-1 | 8968067  | 9229084  | 9112381  | 9103178  | 1.44   | cps   |
| Bismuth    | 209-2 | 5937480  | 6409211  | 6170596  | 6172429  | 3.82   | cps   |
| Boron      | 10-1  | 1875     | 1875     | 1767     | 1839     | 3.40   | cps   |
| Boron      | 11-1  | 8978     | 9161     | 9136     | 9092     | 1.09   | cps   |
| Cadmium    | 111-1 | 3053     | 2768     | 2987     | 2936     | 5.07   | cps   |
| Cadmium    | 106-1 | 4368     | 3901     | 4293     | 4187     | 5.99   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 25       | 22       | 39.04  | cps   |
| Calcium    | 43-1  | 263979   | 261124   | 259359   | 261487   | 0.89   | cps   |
| Calcium    | 44-1  | 4341897  | 4299865  | 4312653  | 4318139  | 0.50   | cps   |
| Chromium   | 52-2  | 1940     | 1857     | 1970     | 1922     | 3.05   | cps   |
| Cobalt     | 59-2  | 240      | 203      | 203      | 216      | 9.82   | cps   |
| Copper     | 63-2  | 934179   | 937976   | 932596   | 934917   | 0.30   | cps   |
| Dysprosium | 156-1 | 50       | 58       | 108      | 72       | 43.68  | cps   |
| Dysprosium | 156-2 | 17       | 27       | 23       | 22       | 22.91  | cps   |
| Erbium     | 164-1 | 92       | 75       | 100      | 89       | 14.32  | cps   |
| Erbium     | 164-2 | 53       | 60       | 47       | 53       | 12.50  | cps   |
| Gadolinium | 160-1 | 242      | 242      | 225      | 236      | 4.08   | cps   |
| Gadolinium | 160-2 | 163      | 193      | 243      | 200      | 20.21  | cps   |
| Holmium    | 165-1 | 14075977 | 14220198 | 14219329 | 14171835 | 0.59   | cps   |
| Holmium    | 165-2 | 7992402  | 8167720  | 8039146  | 8066422  | 1.13   | cps   |
| Indium     | 115-1 | 11622380 | 11517095 | 11472578 | 11537351 | 0.67   | cps   |
| Indium     | 115-2 | 2545609  | 2664825  | 2604160  | 2604865  | 2.29   | cps   |
| Iron       | 56-2  | 112478   | 107173   | 108103   | 109251   | 2.59   | cps   |
| Iron       | 57-2  | 3445     | 3634     | 3573     | 3551     | 2.71   | cps   |
| Lead       | 206-1 | 1695     | 1778     | 1678     | 1717     | 3.12   | cps   |
| Lead       | 207-1 | 1550     | 1439     | 1545     | 1511     | 4.14   | cps   |
| Lead       | 208-1 | 6862     | 6834     | 6968     | 6888     | 1.02   | cps   |
| Lithium    | 6-1   | 2017866  | 2038349  | 2022464  | 2026226  | 0.53   | cps   |
| Magnesium  | 24-2  | 434433   | 431165   | 429341   | 431646   | 0.60   | cps   |
| Manganese  | 55-2  | 33665    | 33328    | 33137    | 33377    | 0.80   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-04 Instrumnet Name : P7  
 Client Sample ID : DC16740-04-FL1-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 19:58:31 DataFile Name : 070SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 825      | 808      | 800      | 3.76   | cps   |
| Molybdenum | 95-1  | 292      | 350      | 258      | 300      | 15.47  | cps   |
| Molybdenum | 96-1  | 433      | 533      | 550      | 506      | 12.48  | cps   |
| Molybdenum | 97-1  | 292      | 283      | 217      | 264      | 15.58  | cps   |
| Molybdenum | 98-1  | 442      | 517      | 567      | 508      | 12.38  | cps   |
| Neodymium  | 150-1 | 60       | 87       | 100      | 82       | 24.77  | cps   |
| Neodymium  | 150-2 | 17       | 37       | 20       | 24       | 43.83  | cps   |
| Nickel     | 60-2  | 2564     | 2757     | 2617     | 2646     | 3.77   | cps   |
| Phosphorus | 31-2  | 6927     | 6802     | 7002     | 6910     | 1.46   | cps   |
| Potassium  | 39-2  | 251123   | 247132   | 251354   | 249869   | 0.95   | cps   |
| Rhodium    | 103-1 | 10937851 | 10902094 | 10931311 | 10923752 | 0.17   | cps   |
| Rhodium    | 103-2 | 5474064  | 5680417  | 5551741  | 5568740  | 1.87   | cps   |
| Scandium   | 45-1  | 7693156  | 7764196  | 7645533  | 7700962  | 0.78   | cps   |
| Scandium   | 45-2  | 406992   | 423854   | 413715   | 414854   | 2.05   | cps   |
| Selenium   | 77-2  | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 126      | 120      | 116      | 10.86  | cps   |
| Selenium   | 82-1  | 163      | 152      | 286      | 201      | 37.03  | cps   |
| Silicon    | 28-1  | 9614627  | 9449233  | 9412215  | 9492025  | 1.14   | cps   |
| Silver     | 109-1 | 158      | 183      | 133      | 158      | 15.79  | cps   |
| Silver     | 107-1 | 317      | 258      | 200      | 258      | 22.58  | cps   |
| Sodium     | 23-2  | 7359835  | 7418857  | 7419230  | 7399307  | 0.46   | cps   |
| Strontium  | 86-1  | 95300    | 94536    | 93169    | 94335    | 1.14   | cps   |
| Strontium  | 88-1  | 819838   | 809312   | 811000   | 813383   | 0.70   | cps   |
| Sulfur     | 34-1  | 821328   | 831586   | 825377   | 826097   | 0.63   | cps   |
| Terbium    | 159-1 | 14806498 | 14723078 | 14792814 | 14774130 | 0.30   | cps   |
| Terbium    | 159-2 | 7951957  | 8163463  | 7921643  | 8012354  | 1.64   | cps   |
| Thallium   | 203-1 | 250      | 250      | 208      | 236      | 10.19  | cps   |
| Thallium   | 205-1 | 708      | 592      | 608      | 636      | 9.92   | cps   |
| Tin        | 118-1 | 700      | 692      | 867      | 753      | 13.11  | cps   |
| Titanium   | 47-1  | 1275     | 1142     | 917      | 1111     | 16.30  | cps   |
| Uranium    | 238-1 | 483      | 500      | 525      | 503      | 4.17   | cps   |
| Vanadium   | 51-2  | 337      | 330      | 343      | 337      | 1.98   | cps   |
| Yttrium    | 89-1  | 12088060 | 12206371 | 12143620 | 12146017 | 0.49   | cps   |
| Yttrium    | 89-2  | 2052907  | 2128285  | 2087509  | 2089567  | 1.81   | cps   |
| Zinc       | 66-2  | 7479     | 7212     | 7385     | 7359     | 1.84   | cps   |
| Zirconium  | 90-1  | 1692     | 1850     | 1650     | 1731     | 6.10   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-04-FL1-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 19:58:31  | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 425  | 333  | 308  | 356     | 17.28  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-05 Instrumnet Name : P7  
 Client Sample ID : DC16740-05-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:01:57 DataFile Name : 071SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3150     | 3401     | 3084     | 3212     | 5.20   | cps   |
| Antimony   | 121-1 | 1100     | 1092     | 1192     | 1128     | 4.92   | cps   |
| Arsenic    | 75-2  | 224      | 231      | 224      | 227      | 1.89   | cps   |
| Barium     | 135-1 | 63981    | 65865    | 63747    | 64531    | 1.80   | cps   |
| Barium     | 137-1 | 112519   | 114646   | 110279   | 112481   | 1.94   | cps   |
| Beryllium  | 9-1   | 89       | 33       | 72       | 65       | 43.99  | cps   |
| Bismuth    | 209-1 | 9088809  | 9123714  | 9029986  | 9080837  | 0.52   | cps   |
| Bismuth    | 209-2 | 6020063  | 5969992  | 6165841  | 6051965  | 1.68   | cps   |
| Boron      | 10-1  | 1992     | 1984     | 2425     | 2134     | 11.84  | cps   |
| Boron      | 11-1  | 10604    | 10479    | 10029    | 10371    | 2.92   | cps   |
| Cadmium    | 111-1 | 3292     | 2998     | 3149     | 3147     | 4.67   | cps   |
| Cadmium    | 106-1 | 4509     | 4076     | 4317     | 4301     | 5.05   | cps   |
| Cadmium    | 108-1 | 50       | 54       | 33       | 46       | 24.06  | cps   |
| Calcium    | 43-1  | 270999   | 271329   | 268546   | 270292   | 0.56   | cps   |
| Calcium    | 44-1  | 4539549  | 4489937  | 4513053  | 4514179  | 0.55   | cps   |
| Chromium   | 52-2  | 1850     | 1940     | 1813     | 1868     | 3.49   | cps   |
| Cobalt     | 59-2  | 323      | 287      | 253      | 288      | 12.17  | cps   |
| Copper     | 63-2  | 1134231  | 1142223  | 1135501  | 1137318  | 0.38   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Dysprosium | 156-2 | 30       | 20       | 37       | 29       | 29.04  | cps   |
| Erbium     | 164-1 | 92       | 117      | 83       | 97       | 17.84  | cps   |
| Erbium     | 164-2 | 80       | 43       | 37       | 53       | 43.75  | cps   |
| Gadolinium | 160-1 | 225      | 133      | 175      | 178      | 25.82  | cps   |
| Gadolinium | 160-2 | 163      | 197      | 200      | 187      | 10.86  | cps   |
| Holmium    | 165-1 | 14028693 | 14089101 | 14111517 | 14076437 | 0.30   | cps   |
| Holmium    | 165-2 | 7858544  | 7823537  | 7927318  | 7869800  | 0.67   | cps   |
| Indium     | 115-1 | 11471518 | 11524353 | 11410391 | 11468754 | 0.50   | cps   |
| Indium     | 115-2 | 2528941  | 2581578  | 2568651  | 2559723  | 1.07   | cps   |
| Iron       | 56-2  | 102179   | 98060    | 98446    | 99562    | 2.28   | cps   |
| Iron       | 57-2  | 3328     | 3428     | 3206     | 3321     | 3.35   | cps   |
| Lead       | 206-1 | 8525     | 9053     | 9081     | 8887     | 3.52   | cps   |
| Lead       | 207-1 | 7186     | 7497     | 7369     | 7350     | 2.13   | cps   |
| Lead       | 208-1 | 34508    | 34440    | 34796    | 34582    | 0.55   | cps   |
| Lithium    | 6-1   | 2031571  | 2016202  | 2002962  | 2016912  | 0.71   | cps   |
| Magnesium  | 24-2  | 459025   | 456339   | 459703   | 458356   | 0.39   | cps   |
| Manganese  | 55-2  | 36642    | 35844    | 36352    | 36279    | 1.11   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-05-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:01:57  | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 733      | 775      | 736      | 5.10   | cps   |
| Molybdenum | 95-1  | 292      | 292      | 333      | 306      | 7.87   | cps   |
| Molybdenum | 96-1  | 408      | 392      | 383      | 394      | 3.23   | cps   |
| Molybdenum | 97-1  | 325      | 292      | 292      | 303      | 6.36   | cps   |
| Molybdenum | 98-1  | 558      | 467      | 467      | 497      | 10.64  | cps   |
| Neodymium  | 150-1 | 47       | 53       | 40       | 47       | 14.29  | cps   |
| Neodymium  | 150-2 | 37       | 37       | 23       | 32       | 23.90  | cps   |
| Nickel     | 60-2  | 7085     | 7022     | 7229     | 7112     | 1.49   | cps   |
| Phosphorus | 31-2  | 6043     | 6043     | 6510     | 6199     | 4.35   | cps   |
| Potassium  | 39-2  | 278808   | 279467   | 280062   | 279446   | 0.22   | cps   |
| Rhodium    | 103-1 | 10937321 | 10907707 | 10816574 | 10887201 | 0.58   | cps   |
| Rhodium    | 103-2 | 5406192  | 5464096  | 5536230  | 5468839  | 1.19   | cps   |
| Scandium   | 45-1  | 7725563  | 7655467  | 7672966  | 7684665  | 0.47   | cps   |
| Scandium   | 45-2  | 397601   | 407094   | 404458   | 403051   | 1.22   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 119      | 94       | 117      | 110      | 12.19  | cps   |
| Selenium   | 82-1  | 309      | 371      | 143      | 274      | 42.95  | cps   |
| Silicon    | 28-1  | 10019635 | 10024633 | 9966720  | 10003662 | 0.32   | cps   |
| Silver     | 109-1 | 225      | 175      | 225      | 208      | 13.86  | cps   |
| Silver     | 107-1 | 233      | 217      | 208      | 219      | 5.80   | cps   |
| Sodium     | 23-2  | 7606810  | 7564716  | 7577664  | 7583063  | 0.28   | cps   |
| Strontium  | 86-1  | 100610   | 97689    | 96968    | 98422    | 1.96   | cps   |
| Strontium  | 88-1  | 855656   | 854790   | 839706   | 850051   | 1.06   | cps   |
| Sulfur     | 34-1  | 829484   | 827074   | 836324   | 830961   | 0.58   | cps   |
| Terbium    | 159-1 | 14785411 | 14653558 | 14500606 | 14646525 | 0.97   | cps   |
| Terbium    | 159-2 | 7904187  | 7773356  | 7873193  | 7850245  | 0.87   | cps   |
| Thallium   | 203-1 | 183      | 283      | 208      | 225      | 23.13  | cps   |
| Thallium   | 205-1 | 600      | 558      | 675      | 611      | 9.67   | cps   |
| Tin        | 118-1 | 1267     | 1108     | 933      | 1103     | 15.12  | cps   |
| Titanium   | 47-1  | 1042     | 1208     | 1225     | 1158     | 8.75   | cps   |
| Uranium    | 238-1 | 542      | 408      | 475      | 475      | 14.03  | cps   |
| Vanadium   | 51-2  | 220      | 237      | 297      | 251      | 16.06  | cps   |
| Yttrium    | 89-1  | 12157070 | 12037999 | 11943992 | 12046354 | 0.89   | cps   |
| Yttrium    | 89-2  | 2044116  | 2053316  | 2072498  | 2056643  | 0.70   | cps   |
| Zinc       | 66-2  | 329081   | 330579   | 332108   | 330589   | 0.46   | cps   |
| Zirconium  | 90-1  | 1542     | 1392     | 1558     | 1497     | 6.13   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-05-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:01:57  | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 308  | 308  | 331     | 11.64  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-06 Instrumnet Name : P7  
 Client Sample ID : DC16740-06-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:05:22 DataFile Name : 072SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2419     | 1592     | 1592     | 1867     | 25.56  | cps   |
| Antimony   | 121-1 | 733      | 933      | 717      | 795      | 15.18  | cps   |
| Arsenic    | 75-2  | 202      | 196      | 211      | 203      | 3.68   | cps   |
| Barium     | 135-1 | 58457    | 58699    | 57972    | 58376    | 0.63   | cps   |
| Barium     | 137-1 | 103006   | 102644   | 101201   | 102284   | 0.93   | cps   |
| Beryllium  | 9-1   | 33       | 33       | 39       | 35       | 9.12   | cps   |
| Bismuth    | 209-1 | 9119491  | 9151443  | 8869325  | 9046753  | 1.71   | cps   |
| Bismuth    | 209-2 | 6021159  | 6035547  | 6120180  | 6058962  | 0.88   | cps   |
| Boron      | 10-1  | 1709     | 1884     | 1817     | 1803     | 4.90   | cps   |
| Boron      | 11-1  | 9212     | 9578     | 9136     | 9309     | 2.54   | cps   |
| Cadmium    | 111-1 | 2725     | 3135     | 2867     | 2909     | 7.16   | cps   |
| Cadmium    | 106-1 | 3867     | 4459     | 4042     | 4123     | 7.38   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 13       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 262822   | 264822   | 258719   | 262121   | 1.19   | cps   |
| Calcium    | 44-1  | 4372696  | 4325102  | 4294261  | 4330686  | 0.91   | cps   |
| Chromium   | 52-2  | 1827     | 2214     | 1964     | 2001     | 9.80   | cps   |
| Cobalt     | 59-2  | 153      | 170      | 133      | 152      | 12.06  | cps   |
| Copper     | 63-2  | 924762   | 932992   | 939497   | 932417   | 0.79   | cps   |
| Dysprosium | 156-1 | 67       | 33       | 75       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 33       | 37       | 40       | 37       | 9.10   | cps   |
| Erbium     | 164-1 | 58       | 92       | 150      | 100      | 46.40  | cps   |
| Erbium     | 164-2 | 73       | 33       | 57       | 54       | 36.91  | cps   |
| Gadolinium | 160-1 | 225      | 233      | 167      | 208      | 17.43  | cps   |
| Gadolinium | 160-2 | 190      | 153      | 213      | 186      | 16.30  | cps   |
| Holmium    | 165-1 | 14308070 | 14214879 | 13854860 | 14125936 | 1.69   | cps   |
| Holmium    | 165-2 | 7905942  | 7835281  | 7971739  | 7904321  | 0.86   | cps   |
| Indium     | 115-1 | 11611776 | 11446484 | 11356353 | 11471538 | 1.13   | cps   |
| Indium     | 115-2 | 2546746  | 2548640  | 2577630  | 2557672  | 0.68   | cps   |
| Iron       | 56-2  | 107083   | 109634   | 104899   | 107205   | 2.21   | cps   |
| Iron       | 57-2  | 3957     | 3312     | 3167     | 3478     | 12.08  | cps   |
| Lead       | 206-1 | 2028     | 1950     | 1961     | 1980     | 2.12   | cps   |
| Lead       | 207-1 | 1611     | 1678     | 1545     | 1611     | 4.14   | cps   |
| Lead       | 208-1 | 7557     | 7562     | 7362     | 7494     | 1.52   | cps   |
| Lithium    | 6-1   | 2031281  | 2028286  | 1993390  | 2017653  | 1.04   | cps   |
| Magnesium  | 24-2  | 433533   | 432766   | 439131   | 435143   | 0.80   | cps   |
| Manganese  | 55-2  | 31290    | 30569    | 30409    | 30756    | 1.53   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-06-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:05:22  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 683      | 650      | 669      | 2.59   | cps   |
| Molybdenum | 95-1  | 508      | 342      | 317      | 389      | 26.79  | cps   |
| Molybdenum | 96-1  | 425      | 342      | 492      | 419      | 17.92  | cps   |
| Molybdenum | 97-1  | 325      | 267      | 267      | 286      | 11.77  | cps   |
| Molybdenum | 98-1  | 500      | 492      | 633      | 542      | 14.68  | cps   |
| Neodymium  | 150-1 | 73       | 73       | 80       | 76       | 5.09   | cps   |
| Neodymium  | 150-2 | 7        | 10       | 43       | 20       | 101.36 | cps   |
| Nickel     | 60-2  | 607      | 640      | 687      | 644      | 6.24   | cps   |
| Phosphorus | 31-2  | 7127     | 7135     | 7135     | 7133     | 0.07   | cps   |
| Potassium  | 39-2  | 251969   | 248209   | 255003   | 251727   | 1.35   | cps   |
| Rhodium    | 103-1 | 10813935 | 10829857 | 10697282 | 10780358 | 0.67   | cps   |
| Rhodium    | 103-2 | 5446878  | 5487985  | 5562831  | 5499231  | 1.07   | cps   |
| Scandium   | 45-1  | 7751937  | 7688032  | 7632984  | 7690984  | 0.77   | cps   |
| Scandium   | 45-2  | 409315   | 406255   | 410762   | 408778   | 0.56   | cps   |
| Selenium   | 77-2  | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 98       | 130      | 98       | 109      | 16.73  | cps   |
| Selenium   | 82-1  | 280      | 172      | 344      | 266      | 32.77  | cps   |
| Silicon    | 28-1  | 9657086  | 9494228  | 9485840  | 9545718  | 1.01   | cps   |
| Silver     | 109-1 | 158      | 183      | 158      | 167      | 8.66   | cps   |
| Silver     | 107-1 | 133      | 283      | 308      | 242      | 39.17  | cps   |
| Sodium     | 23-2  | 7464164  | 7482257  | 7492724  | 7479715  | 0.19   | cps   |
| Strontium  | 86-1  | 96104    | 94997    | 94518    | 95206    | 0.85   | cps   |
| Strontium  | 88-1  | 820293   | 817992   | 801673   | 813319   | 1.25   | cps   |
| Sulfur     | 34-1  | 827655   | 820479   | 815634   | 821256   | 0.74   | cps   |
| Terbium    | 159-1 | 14712556 | 14631618 | 14576267 | 14640147 | 0.47   | cps   |
| Terbium    | 159-2 | 7909370  | 7899759  | 7819528  | 7876219  | 0.63   | cps   |
| Thallium   | 203-1 | 233      | 233      | 233      | 233      | 0.00   | cps   |
| Thallium   | 205-1 | 617      | 525      | 500      | 547      | 11.22  | cps   |
| Tin        | 118-1 | 675      | 675      | 667      | 672      | 0.72   | cps   |
| Titanium   | 47-1  | 1000     | 1208     | 1142     | 1117     | 9.53   | cps   |
| Uranium    | 238-1 | 525      | 492      | 517      | 511      | 3.39   | cps   |
| Vanadium   | 51-2  | 307      | 357      | 293      | 319      | 10.47  | cps   |
| Yttrium    | 89-1  | 12089473 | 12031009 | 11865089 | 11995191 | 0.97   | cps   |
| Yttrium    | 89-2  | 2046128  | 2053774  | 2074303  | 2058068  | 0.71   | cps   |
| Zinc       | 66-2  | 8379     | 8666     | 8743     | 8596     | 2.23   | cps   |
| Zirconium  | 90-1  | 1817     | 1508     | 1500     | 1608     | 11.22  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-06-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:05:22  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 400  | 358  | 367     | 8.19   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-07-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:08:48  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 18605    | 18888    | 17603    | 18365    | 3.68   | cps   |
| Antimony   | 121-1 | 942      | 1067     | 892      | 967      | 9.33   | cps   |
| Arsenic    | 75-2  | 206      | 156      | 235      | 199      | 20.25  | cps   |
| Barium     | 135-1 | 63312    | 61964    | 63119    | 62798    | 1.16   | cps   |
| Barium     | 137-1 | 110025   | 106515   | 105238   | 107259   | 2.31   | cps   |
| Beryllium  | 9-1   | 28       | 28       | 11       | 22       | 43.31  | cps   |
| Bismuth    | 209-1 | 9099494  | 9163627  | 9204225  | 9155782  | 0.58   | cps   |
| Bismuth    | 209-2 | 6001822  | 6035355  | 6039081  | 6025419  | 0.34   | cps   |
| Boron      | 10-1  | 2109     | 2009     | 1909     | 2009     | 4.98   | cps   |
| Boron      | 11-1  | 10054    | 10437    | 10371    | 10287    | 1.99   | cps   |
| Cadmium    | 111-1 | 3109     | 2863     | 2971     | 2981     | 4.15   | cps   |
| Cadmium    | 106-1 | 4226     | 3942     | 4076     | 4081     | 3.47   | cps   |
| Cadmium    | 108-1 | 46       | 79       | 58       | 61       | 27.56  | cps   |
| Calcium    | 43-1  | 270668   | 266672   | 266517   | 267952   | 0.88   | cps   |
| Calcium    | 44-1  | 4449021  | 4421134  | 4427225  | 4432460  | 0.33   | cps   |
| Chromium   | 52-2  | 1817     | 1887     | 1803     | 1836     | 2.44   | cps   |
| Cobalt     | 59-2  | 330      | 347      | 397      | 358      | 9.70   | cps   |
| Copper     | 63-2  | 1312260  | 1305176  | 1302436  | 1306624  | 0.39   | cps   |
| Dysprosium | 156-1 | 108      | 117      | 58       | 94       | 33.40  | cps   |
| Dysprosium | 156-2 | 27       | 73       | 40       | 47       | 51.50  | cps   |
| Erbium     | 164-1 | 83       | 158      | 125      | 122      | 30.74  | cps   |
| Erbium     | 164-2 | 37       | 47       | 73       | 52       | 36.29  | cps   |
| Gadolinium | 160-1 | 208      | 183      | 200      | 197      | 6.46   | cps   |
| Gadolinium | 160-2 | 170      | 173      | 197      | 180      | 8.07   | cps   |
| Holmium    | 165-1 | 14385401 | 14234516 | 14164826 | 14261581 | 0.79   | cps   |
| Holmium    | 165-2 | 7837717  | 7902830  | 7911877  | 7884141  | 0.51   | cps   |
| Indium     | 115-1 | 11619350 | 11574644 | 11497938 | 11563977 | 0.53   | cps   |
| Indium     | 115-2 | 2566482  | 2570738  | 2547200  | 2561474  | 0.49   | cps   |
| Iron       | 56-2  | 127958   | 126234   | 128508   | 127567   | 0.93   | cps   |
| Iron       | 57-2  | 3840     | 4151     | 3940     | 3977     | 4.00   | cps   |
| Lead       | 206-1 | 15331    | 14753    | 14764    | 14950    | 2.21   | cps   |
| Lead       | 207-1 | 12439    | 12912    | 12762    | 12705    | 1.90   | cps   |
| Lead       | 208-1 | 59326    | 58908    | 58997    | 59077    | 0.37   | cps   |
| Lithium    | 6-1   | 2048049  | 2051856  | 2016787  | 2038897  | 0.94   | cps   |
| Magnesium  | 24-2  | 440415   | 441766   | 438091   | 440091   | 0.42   | cps   |
| Manganese  | 55-2  | 37304    | 35827    | 36095    | 36409    | 2.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-07-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:08:48  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 758      | 742      | 817      | 772      | 5.10   | cps   |
| Molybdenum | 95-1  | 250      | 300      | 342      | 297      | 15.44  | cps   |
| Molybdenum | 96-1  | 392      | 375      | 558      | 442      | 22.95  | cps   |
| Molybdenum | 97-1  | 225      | 342      | 325      | 297      | 21.23  | cps   |
| Molybdenum | 98-1  | 442      | 525      | 525      | 497      | 9.68   | cps   |
| Neodymium  | 150-1 | 53       | 87       | 87       | 76       | 25.47  | cps   |
| Neodymium  | 150-2 | 17       | 13       | 20       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 37531    | 36773    | 36602    | 36969    | 1.34   | cps   |
| Phosphorus | 31-2  | 7377     | 6877     | 6693     | 6982     | 5.07   | cps   |
| Potassium  | 39-2  | 264074   | 258012   | 263289   | 261792   | 1.26   | cps   |
| Rhodium    | 103-1 | 10950890 | 10811775 | 10933053 | 10898573 | 0.69   | cps   |
| Rhodium    | 103-2 | 5476050  | 5472630  | 5465075  | 5471251  | 0.10   | cps   |
| Scandium   | 45-1  | 7697203  | 7757259  | 7770264  | 7741575  | 0.50   | cps   |
| Scandium   | 45-2  | 406406   | 407184   | 405537   | 406376   | 0.20   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 128      | 124      | 131      | 128      | 2.90   | cps   |
| Selenium   | 82-1  | 447      | 274      | 283      | 335      | 29.15  | cps   |
| Silicon    | 28-1  | 10285942 | 10368233 | 10084539 | 10246238 | 1.42   | cps   |
| Silver     | 109-1 | 367      | 233      | 183      | 261      | 36.30  | cps   |
| Silver     | 107-1 | 292      | 308      | 225      | 275      | 16.04  | cps   |
| Sodium     | 23-2  | 7528691  | 7462466  | 7457079  | 7482745  | 0.53   | cps   |
| Strontium  | 86-1  | 98142    | 95484    | 95744    | 96457    | 1.52   | cps   |
| Strontium  | 88-1  | 838338   | 837621   | 833580   | 836513   | 0.31   | cps   |
| Sulfur     | 34-1  | 824229   | 818742   | 814110   | 819027   | 0.62   | cps   |
| Terbium    | 159-1 | 14918473 | 14792113 | 14755454 | 14822013 | 0.58   | cps   |
| Terbium    | 159-2 | 7846378  | 7880639  | 7860752  | 7862590  | 0.22   | cps   |
| Thallium   | 203-1 | 300      | 250      | 325      | 292      | 13.09  | cps   |
| Thallium   | 205-1 | 708      | 550      | 550      | 603      | 15.17  | cps   |
| Tin        | 118-1 | 2175     | 2267     | 2225     | 2222     | 2.07   | cps   |
| Titanium   | 47-1  | 1492     | 1175     | 1175     | 1281     | 14.28  | cps   |
| Uranium    | 238-1 | 567      | 592      | 650      | 603      | 7.09   | cps   |
| Vanadium   | 51-2  | 253      | 327      | 313      | 298      | 13.12  | cps   |
| Yttrium    | 89-1  | 12268459 | 12284986 | 12116709 | 12223385 | 0.76   | cps   |
| Yttrium    | 89-2  | 2061235  | 2055850  | 2054662  | 2057249  | 0.17   | cps   |
| Zinc       | 66-2  | 476084   | 476294   | 475054   | 475811   | 0.14   | cps   |
| Zirconium  | 90-1  | 1592     | 1800     | 1533     | 1642     | 8.54   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-07-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:08:48  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 317  | 450  | 367     | 19.81  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-08 Instrumnet Name : P7  
 Client Sample ID : DC16740-08-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:12:14 DataFile Name : 074SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1609     | 1959     | 2075     | 1881     | 12.92  | cps   |
| Antimony   | 121-1 | 633      | 700      | 700      | 678      | 5.68   | cps   |
| Arsenic    | 75-2  | 170      | 193      | 191      | 185      | 6.68   | cps   |
| Barium     | 135-1 | 57101    | 56876    | 57495    | 57157    | 0.55   | cps   |
| Barium     | 137-1 | 100648   | 98397    | 100428   | 99824    | 1.24   | cps   |
| Beryllium  | 9-1   | 44       | 33       | 50       | 43       | 19.93  | cps   |
| Bismuth    | 209-1 | 9057519  | 9069240  | 9296869  | 9141210  | 1.48   | cps   |
| Bismuth    | 209-2 | 5896397  | 6356287  | 6001119  | 6084601  | 3.96   | cps   |
| Boron      | 10-1  | 1800     | 1817     | 1809     | 1809     | 0.46   | cps   |
| Boron      | 11-1  | 9187     | 9287     | 9528     | 9334     | 1.88   | cps   |
| Cadmium    | 111-1 | 2839     | 2801     | 2523     | 2721     | 6.33   | cps   |
| Cadmium    | 106-1 | 4001     | 3967     | 3576     | 3848     | 6.14   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 256632   | 258146   | 257334   | 257371   | 0.29   | cps   |
| Calcium    | 44-1  | 4271972  | 4246911  | 4287848  | 4268910  | 0.48   | cps   |
| Chromium   | 52-2  | 2137     | 2147     | 1927     | 2070     | 6.00   | cps   |
| Cobalt     | 59-2  | 180      | 237      | 217      | 211      | 13.61  | cps   |
| Copper     | 63-2  | 978488   | 987969   | 979273   | 981910   | 0.54   | cps   |
| Dysprosium | 156-1 | 83       | 75       | 92       | 83       | 10.00  | cps   |
| Dysprosium | 156-2 | 47       | 43       | 40       | 43       | 7.70   | cps   |
| Erbium     | 164-1 | 142      | 108      | 108      | 119      | 16.11  | cps   |
| Erbium     | 164-2 | 60       | 63       | 50       | 58       | 12.01  | cps   |
| Gadolinium | 160-1 | 133      | 183      | 267      | 194      | 34.64  | cps   |
| Gadolinium | 160-2 | 197      | 197      | 190      | 194      | 1.98   | cps   |
| Holmium    | 165-1 | 14151431 | 13957169 | 14213370 | 14107323 | 0.95   | cps   |
| Holmium    | 165-2 | 7930775  | 8034680  | 7862934  | 7942796  | 1.09   | cps   |
| Indium     | 115-1 | 11411014 | 11444656 | 11559261 | 11471643 | 0.68   | cps   |
| Indium     | 115-2 | 2520456  | 2618171  | 2555712  | 2564780  | 1.93   | cps   |
| Iron       | 56-2  | 116100   | 111329   | 117217   | 114882   | 2.72   | cps   |
| Iron       | 57-2  | 3584     | 3528     | 3456     | 3523     | 1.82   | cps   |
| Lead       | 206-1 | 2850     | 2745     | 2706     | 2767     | 2.70   | cps   |
| Lead       | 207-1 | 2406     | 2361     | 2367     | 2378     | 1.02   | cps   |
| Lead       | 208-1 | 11386    | 10830    | 10696    | 10971    | 3.33   | cps   |
| Lithium    | 6-1   | 2014125  | 1999572  | 2040634  | 2018110  | 1.03   | cps   |
| Magnesium  | 24-2  | 425425   | 429025   | 428852   | 427767   | 0.47   | cps   |
| Manganese  | 55-2  | 32195    | 32392    | 32566    | 32385    | 0.57   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-08-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:12:14  | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 800      | 775      | 675      | 750      | 8.82   | cps   |
| Molybdenum | 95-1  | 275      | 292      | 300      | 289      | 4.41   | cps   |
| Molybdenum | 96-1  | 392      | 458      | 358      | 403      | 12.64  | cps   |
| Molybdenum | 97-1  | 267      | 325      | 350      | 314      | 13.62  | cps   |
| Molybdenum | 98-1  | 450      | 483      | 608      | 514      | 16.24  | cps   |
| Neodymium  | 150-1 | 67       | 40       | 40       | 49       | 31.50  | cps   |
| Neodymium  | 150-2 | 10       | 20       | 27       | 19       | 44.42  | cps   |
| Nickel     | 60-2  | 2694     | 2947     | 2710     | 2784     | 5.09   | cps   |
| Phosphorus | 31-2  | 6727     | 6919     | 7152     | 6932     | 3.07   | cps   |
| Potassium  | 39-2  | 249021   | 250716   | 249716   | 249818   | 0.34   | cps   |
| Rhodium    | 103-1 | 10869241 | 10636954 | 10884786 | 10796994 | 1.29   | cps   |
| Rhodium    | 103-2 | 5385924  | 5587534  | 5511085  | 5494848  | 1.85   | cps   |
| Scandium   | 45-1  | 7640517  | 7659887  | 7717766  | 7672723  | 0.52   | cps   |
| Scandium   | 45-2  | 399350   | 417612   | 389616   | 402193   | 3.53   | cps   |
| Selenium   | 77-2  | 0        | 3        | 13       | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 141      | 109      | 106      | 119      | 16.31  | cps   |
| Selenium   | 82-1  | 119      | 369      | 303      | 264      | 49.08  | cps   |
| Silicon    | 28-1  | 9509239  | 9360431  | 9316711  | 9395460  | 1.07   | cps   |
| Silver     | 109-1 | 200      | 217      | 183      | 200      | 8.33   | cps   |
| Silver     | 107-1 | 267      | 233      | 158      | 219      | 25.29  | cps   |
| Sodium     | 23-2  | 7329276  | 7415110  | 7362608  | 7368998  | 0.59   | cps   |
| Strontium  | 86-1  | 93646    | 93808    | 91826    | 93093    | 1.18   | cps   |
| Strontium  | 88-1  | 804466   | 800383   | 799723   | 801524   | 0.32   | cps   |
| Sulfur     | 34-1  | 815809   | 819671   | 809602   | 815027   | 0.62   | cps   |
| Terbium    | 159-1 | 14613509 | 14543557 | 14818855 | 14658640 | 0.98   | cps   |
| Terbium    | 159-2 | 7828330  | 7934798  | 7754038  | 7839055  | 1.16   | cps   |
| Thallium   | 203-1 | 258      | 200      | 225      | 228      | 12.85  | cps   |
| Thallium   | 205-1 | 658      | 583      | 492      | 578      | 14.45  | cps   |
| Tin        | 118-1 | 833      | 750      | 867      | 817      | 7.36   | cps   |
| Titanium   | 47-1  | 1208     | 1442     | 1225     | 1292     | 10.09  | cps   |
| Uranium    | 238-1 | 475      | 533      | 683      | 564      | 19.06  | cps   |
| Vanadium   | 51-2  | 317      | 277      | 287      | 293      | 7.10   | cps   |
| Yttrium    | 89-1  | 12103443 | 12019011 | 12213514 | 12111989 | 0.81   | cps   |
| Yttrium    | 89-2  | 2026106  | 2086475  | 2058410  | 2056997  | 1.47   | cps   |
| Zinc       | 66-2  | 24057    | 23439    | 23937    | 23811    | 1.38   | cps   |
| Zirconium  | 90-1  | 1467     | 1458     | 1583     | 1503     | 4.65   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-08-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:12:14  | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 267  | 308  | 278     | 9.64   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-09-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:15:39  | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8253     | 7461     | 7611     | 7775     | 5.42   | cps   |
| Antimony   | 121-1 | 942      | 1042     | 1142     | 1042     | 9.60   | cps   |
| Arsenic    | 75-2  | 211      | 180      | 228      | 206      | 11.86  | cps   |
| Barium     | 135-1 | 56089    | 57478    | 56741    | 56769    | 1.22   | cps   |
| Barium     | 137-1 | 100966   | 98733    | 97324    | 99008    | 1.85   | cps   |
| Beryllium  | 9-1   | 44       | 39       | 33       | 39       | 14.30  | cps   |
| Bismuth    | 209-1 | 9237428  | 9149402  | 9091332  | 9159387  | 0.80   | cps   |
| Bismuth    | 209-2 | 6068141  | 6192935  | 6165740  | 6142272  | 1.07   | cps   |
| Boron      | 10-1  | 2042     | 1592     | 2167     | 1934     | 15.64  | cps   |
| Boron      | 11-1  | 8903     | 9737     | 9970     | 9537     | 5.88   | cps   |
| Cadmium    | 111-1 | 3602     | 3174     | 3318     | 3365     | 6.47   | cps   |
| Cadmium    | 106-1 | 4459     | 3984     | 4134     | 4192     | 5.79   | cps   |
| Cadmium    | 108-1 | 46       | 63       | 38       | 49       | 26.19  | cps   |
| Calcium    | 43-1  | 264529   | 258413   | 260458   | 261134   | 1.19   | cps   |
| Calcium    | 44-1  | 4352417  | 4323771  | 4290003  | 4322064  | 0.72   | cps   |
| Chromium   | 52-2  | 1840     | 1917     | 1780     | 1846     | 3.71   | cps   |
| Cobalt     | 59-2  | 333      | 373      | 360      | 356      | 5.73   | cps   |
| Copper     | 63-2  | 1431879  | 1441649  | 1437467  | 1436998  | 0.34   | cps   |
| Dysprosium | 156-1 | 100      | 83       | 75       | 86       | 14.79  | cps   |
| Dysprosium | 156-2 | 60       | 37       | 47       | 48       | 24.50  | cps   |
| Erbium     | 164-1 | 83       | 108      | 92       | 94       | 13.48  | cps   |
| Erbium     | 164-2 | 47       | 47       | 57       | 50       | 11.55  | cps   |
| Gadolinium | 160-1 | 175      | 142      | 200      | 172      | 16.99  | cps   |
| Gadolinium | 160-2 | 193      | 217      | 203      | 204      | 5.72   | cps   |
| Holmium    | 165-1 | 14322518 | 14222294 | 14291972 | 14278928 | 0.36   | cps   |
| Holmium    | 165-2 | 7923616  | 8129407  | 8078171  | 8043731  | 1.33   | cps   |
| Indium     | 115-1 | 11510110 | 11601407 | 11654628 | 11588715 | 0.63   | cps   |
| Indium     | 115-2 | 2563680  | 2607880  | 2579949  | 2583837  | 0.87   | cps   |
| Iron       | 56-2  | 124859   | 123656   | 127974   | 125496   | 1.78   | cps   |
| Iron       | 57-2  | 4156     | 3840     | 3956     | 3984     | 4.02   | cps   |
| Lead       | 206-1 | 21596    | 21618    | 21067    | 21427    | 1.45   | cps   |
| Lead       | 207-1 | 18141    | 18536    | 17829    | 18168    | 1.95   | cps   |
| Lead       | 208-1 | 84016    | 84356    | 83021    | 83797    | 0.83   | cps   |
| Lithium    | 6-1   | 2026501  | 2026074  | 2032200  | 2028258  | 0.17   | cps   |
| Magnesium  | 24-2  | 437066   | 435795   | 431848   | 434903   | 0.63   | cps   |
| Manganese  | 55-2  | 36606    | 36191    | 37060    | 36619    | 1.19   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-09-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:15:39  | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 700      | 625      | 644      | 7.58   | cps   |
| Molybdenum | 95-1  | 292      | 283      | 383      | 319      | 17.37  | cps   |
| Molybdenum | 96-1  | 483      | 433      | 442      | 453      | 5.92   | cps   |
| Molybdenum | 97-1  | 225      | 275      | 242      | 247      | 10.30  | cps   |
| Molybdenum | 98-1  | 617      | 425      | 417      | 486      | 23.28  | cps   |
| Neodymium  | 150-1 | 93       | 60       | 67       | 73       | 24.06  | cps   |
| Neodymium  | 150-2 | 23       | 23       | 23       | 23       | 0.00   | cps   |
| Nickel     | 60-2  | 19086    | 18929    | 18819    | 18945    | 0.71   | cps   |
| Phosphorus | 31-2  | 6352     | 6477     | 6944     | 6591     | 4.73   | cps   |
| Potassium  | 39-2  | 250910   | 250019   | 252699   | 251209   | 0.54   | cps   |
| Rhodium    | 103-1 | 10967169 | 10920665 | 10954487 | 10947440 | 0.22   | cps   |
| Rhodium    | 103-2 | 5491423  | 5562139  | 5533871  | 5529144  | 0.64   | cps   |
| Scandium   | 45-1  | 7718800  | 7609434  | 7694191  | 7674141  | 0.75   | cps   |
| Scandium   | 45-2  | 405401   | 417831   | 409413   | 410882   | 1.54   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 144      | 106      | 135      | 128      | 15.82  | cps   |
| Selenium   | 82-1  | 164      | 344      | 346      | 285      | 36.72  | cps   |
| Silicon    | 28-1  | 9745832  | 9737727  | 9640167  | 9707909  | 0.61   | cps   |
| Silver     | 109-1 | 167      | 200      | 225      | 197      | 14.84  | cps   |
| Silver     | 107-1 | 233      | 258      | 333      | 275      | 18.92  | cps   |
| Sodium     | 23-2  | 7463227  | 7447037  | 7416164  | 7442143  | 0.32   | cps   |
| Strontium  | 86-1  | 94064    | 93654    | 93135    | 93618    | 0.50   | cps   |
| Strontium  | 88-1  | 816300   | 810971   | 806826   | 811366   | 0.59   | cps   |
| Sulfur     | 34-1  | 813574   | 810703   | 809900   | 811392   | 0.24   | cps   |
| Terbium    | 159-1 | 14927021 | 14693023 | 14815283 | 14811775 | 0.79   | cps   |
| Terbium    | 159-2 | 7832626  | 8055316  | 7950748  | 7946230  | 1.40   | cps   |
| Thallium   | 203-1 | 200      | 225      | 292      | 239      | 19.84  | cps   |
| Thallium   | 205-1 | 733      | 650      | 725      | 703      | 6.53   | cps   |
| Tin        | 118-1 | 1317     | 1283     | 1425     | 1342     | 5.52   | cps   |
| Titanium   | 47-1  | 1258     | 1117     | 1208     | 1195     | 6.02   | cps   |
| Uranium    | 238-1 | 567      | 458      | 492      | 506      | 10.98  | cps   |
| Vanadium   | 51-2  | 263      | 417      | 387      | 356      | 22.86  | cps   |
| Yttrium    | 89-1  | 12223744 | 12142696 | 12139832 | 12168757 | 0.39   | cps   |
| Yttrium    | 89-2  | 2068896  | 2098327  | 2081536  | 2082920  | 0.71   | cps   |
| Zinc       | 66-2  | 290367   | 290767   | 290704   | 290613   | 0.07   | cps   |
| Zirconium  | 90-1  | 1483     | 1600     | 1392     | 1492     | 7.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-09-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:15:39  | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 292  | 308  | 325     | 13.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 842      | 692      | 667      | 733      | 12.91  | cps   |
| Antimony   | 121-1 | 150      | 192      | 183      | 175      | 12.60  | cps   |
| Arsenic    | 75-2  | 19       | 4        | 20       | 14       | 64.36  | cps   |
| Barium     | 135-1 | 133      | 125      | 150      | 136      | 9.35   | cps   |
| Barium     | 137-1 | 283      | 250      | 292      | 275      | 8.02   | cps   |
| Beryllium  | 9-1   | 50       | 28       | 44       | 41       | 28.38  | cps   |
| Bismuth    | 209-1 | 8709138  | 8817972  | 8811324  | 8779478  | 0.69   | cps   |
| Bismuth    | 209-2 | 5572163  | 5787848  | 5785023  | 5715011  | 2.16   | cps   |
| Boron      | 10-1  | 400      | 342      | 442      | 394      | 12.74  | cps   |
| Boron      | 11-1  | 2075     | 1725     | 1775     | 1859     | 10.19  | cps   |
| Cadmium    | 111-1 | 2539     | 2655     | 2664     | 2620     | 2.66   | cps   |
| Cadmium    | 106-1 | 3626     | 3792     | 3792     | 3737     | 2.58   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 4        | 8        | 86.57  | cps   |
| Calcium    | 43-1  | 442      | 533      | 542      | 506      | 10.98  | cps   |
| Calcium    | 44-1  | 24905    | 25649    | 25206    | 25253    | 1.48   | cps   |
| Chromium   | 52-2  | 1883     | 1867     | 2030     | 1927     | 4.67   | cps   |
| Cobalt     | 59-2  | 67       | 103      | 103      | 91       | 23.24  | cps   |
| Copper     | 63-2  | 1423     | 1557     | 1647     | 1542     | 7.29   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 25       | 92       | 75       | 64       | 54.31  | cps   |
| Erbium     | 164-2 | 20       | 17       | 27       | 21       | 24.12  | cps   |
| Gadolinium | 160-1 | 142      | 58       | 175      | 125      | 48.07  | cps   |
| Gadolinium | 160-2 | 120      | 140      | 80       | 113      | 26.96  | cps   |
| Holmium    | 165-1 | 13507909 | 13455967 | 13409627 | 13457834 | 0.37   | cps   |
| Holmium    | 165-2 | 7431600  | 7581603  | 7532995  | 7515399  | 1.02   | cps   |
| Indium     | 115-1 | 10883606 | 10965632 | 11000170 | 10949803 | 0.55   | cps   |
| Indium     | 115-2 | 2433082  | 2471602  | 2447381  | 2450688  | 0.79   | cps   |
| Iron       | 56-2  | 9181     | 9159     | 9509     | 9283     | 2.11   | cps   |
| Iron       | 57-2  | 472      | 394      | 494      | 454      | 11.57  | cps   |
| Lead       | 206-1 | 5397441  | 5378900  | 5342553  | 5372965  | 0.52   | cps   |
| Lead       | 207-1 | 4799105  | 4800548  | 4790054  | 4796569  | 0.12   | cps   |
| Lead       | 208-1 | 21809741 | 21803985 | 21821257 | 21811661 | 0.04   | cps   |
| Lithium    | 6-1   | 1915192  | 1908281  | 1939097  | 1920857  | 0.84   | cps   |
| Magnesium  | 24-2  | 342      | 467      | 375      | 394      | 16.41  | cps   |
| Manganese  | 55-2  | 80       | 110      | 100      | 97       | 15.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 325      | 233      | 308      | 289      | 16.90  | cps   |
| Molybdenum | 95-1  | 192      | 217      | 200      | 203      | 6.28   | cps   |
| Molybdenum | 96-1  | 283      | 167      | 217      | 222      | 26.34  | cps   |
| Molybdenum | 97-1  | 242      | 200      | 158      | 200      | 20.83  | cps   |
| Molybdenum | 98-1  | 183      | 175      | 225      | 194      | 13.78  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 10       | 7        | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 117      | 77       | 103      | 99       | 20.60  | cps   |
| Phosphorus | 31-2  | 317      | 192      | 192      | 233      | 30.93  | cps   |
| Potassium  | 39-2  | 61821    | 61411    | 62541    | 61924    | 0.92   | cps   |
| Rhodium    | 103-1 | 10454524 | 10399717 | 10404118 | 10419453 | 0.29   | cps   |
| Rhodium    | 103-2 | 5195685  | 5304903  | 5244926  | 5248505  | 1.04   | cps   |
| Scandium   | 45-1  | 7281289  | 7417362  | 7395142  | 7364598  | 0.99   | cps   |
| Scandium   | 45-2  | 376559   | 393086   | 390378   | 386674   | 2.29   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 150      | 98       | 91       | 113      | 28.58  | cps   |
| Selenium   | 82-1  | 371      | 191      | 221      | 261      | 36.86  | cps   |
| Silicon    | 28-1  | 656068   | 651590   | 647428   | 651695   | 0.66   | cps   |
| Silver     | 109-1 | 75       | 108      | 133      | 106      | 27.73  | cps   |
| Silver     | 107-1 | 225      | 275      | 133      | 211      | 34.03  | cps   |
| Sodium     | 23-2  | 48621    | 48596    | 47735    | 48317    | 1.04   | cps   |
| Strontium  | 86-1  | 1667     | 1792     | 1825     | 1761     | 4.74   | cps   |
| Strontium  | 88-1  | 717      | 700      | 700      | 706      | 1.36   | cps   |
| Sulfur     | 34-1  | 718675   | 710737   | 712877   | 714096   | 0.58   | cps   |
| Terbium    | 159-1 | 13864756 | 14008966 | 14035222 | 13969648 | 0.66   | cps   |
| Terbium    | 159-2 | 7436299  | 7532526  | 7496849  | 7488558  | 0.65   | cps   |
| Thallium   | 203-1 | 200      | 158      | 225      | 194      | 17.32  | cps   |
| Thallium   | 205-1 | 508      | 583      | 475      | 522      | 10.62  | cps   |
| Tin        | 118-1 | 1067     | 1067     | 1008     | 1047     | 3.22   | cps   |
| Titanium   | 47-1  | 233      | 292      | 242      | 256      | 12.34  | cps   |
| Uranium    | 238-1 | 275      | 308      | 300      | 294      | 5.89   | cps   |
| Vanadium   | 51-2  | 23       | 30       | 20       | 24       | 20.83  | cps   |
| Yttrium    | 89-1  | 11539267 | 11449558 | 11633014 | 11540613 | 0.79   | cps   |
| Yttrium    | 89-2  | 1934631  | 1975964  | 1971562  | 1960719  | 1.16   | cps   |
| Zinc       | 66-2  | 450      | 427      | 447      | 441      | 2.86   | cps   |
| Zirconium  | 90-1  | 808      | 958      | 750      | 839      | 12.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 142  | 117  | 144     | 20.26  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 183      | 117      | 150      | 150      | 22.22  | cps   |
| Antimony   | 121-1 | 125      | 125      | 133      | 128      | 3.76   | cps   |
| Arsenic    | 75-2  | 9        | 17       | 9        | 12       | 36.47  | cps   |
| Barium     | 135-1 | 92       | 75       | 100      | 89       | 14.32  | cps   |
| Barium     | 137-1 | 275      | 250      | 233      | 253      | 8.29   | cps   |
| Beryllium  | 9-1   | 33       | 56       | 22       | 37       | 45.84  | cps   |
| Bismuth    | 209-1 | 8640655  | 8954179  | 8598406  | 8731080  | 2.23   | cps   |
| Bismuth    | 209-2 | 5814858  | 5869132  | 5735844  | 5806612  | 1.15   | cps   |
| Boron      | 10-1  | 233      | 333      | 267      | 278      | 18.33  | cps   |
| Boron      | 11-1  | 1517     | 1158     | 1342     | 1339     | 13.38  | cps   |
| Cadmium    | 111-1 | 2768     | 2498     | 2655     | 2640     | 5.14   | cps   |
| Cadmium    | 106-1 | 3959     | 3551     | 3792     | 3767     | 5.45   | cps   |
| Cadmium    | 108-1 | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Calcium    | 43-1  | 333      | 242      | 383      | 319      | 22.49  | cps   |
| Calcium    | 44-1  | 22493    | 22527    | 22727    | 22582    | 0.56   | cps   |
| Chromium   | 52-2  | 1753     | 1813     | 1713     | 1760     | 2.86   | cps   |
| Cobalt     | 59-2  | 67       | 77       | 43       | 62       | 27.50  | cps   |
| Copper     | 63-2  | 1593     | 1577     | 1660     | 1610     | 2.74   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 42       | 33       | 50       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 30       | 17       | 30       | 26       | 30.11  | cps   |
| Gadolinium | 160-1 | 125      | 117      | 133      | 125      | 6.67   | cps   |
| Gadolinium | 160-2 | 150      | 117      | 133      | 133      | 12.50  | cps   |
| Holmium    | 165-1 | 13482573 | 13631591 | 13396091 | 13503419 | 0.88   | cps   |
| Holmium    | 165-2 | 7666376  | 7632344  | 7587151  | 7628623  | 0.52   | cps   |
| Indium     | 115-1 | 10975696 | 11057629 | 10807645 | 10946990 | 1.16   | cps   |
| Indium     | 115-2 | 2456296  | 2475958  | 2454375  | 2462209  | 0.49   | cps   |
| Iron       | 56-2  | 7219     | 7091     | 6991     | 7100     | 1.61   | cps   |
| Iron       | 57-2  | 367      | 356      | 328      | 350      | 5.72   | cps   |
| Lead       | 206-1 | 1283     | 1117     | 1211     | 1204     | 6.94   | cps   |
| Lead       | 207-1 | 1033     | 1156     | 1156     | 1115     | 6.33   | cps   |
| Lead       | 208-1 | 5039     | 4939     | 4978     | 4986     | 1.01   | cps   |
| Lithium    | 6-1   | 1907161  | 1935980  | 1901023  | 1914721  | 0.97   | cps   |
| Magnesium  | 24-2  | 408      | 308      | 275      | 331      | 20.99  | cps   |
| Manganese  | 55-2  | 60       | 40       | 63       | 54       | 23.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 225      | 300      | 242      | 256      | 15.41  | cps   |
| Molybdenum | 95-1  | 67       | 50       | 50       | 56       | 17.32  | cps   |
| Molybdenum | 96-1  | 125      | 142      | 75       | 114      | 30.46  | cps   |
| Molybdenum | 97-1  | 75       | 183      | 133      | 131      | 41.53  | cps   |
| Molybdenum | 98-1  | 67       | 67       | 58       | 64       | 7.53   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 67       | 93       | 67       | 76       | 20.38  | cps   |
| Phosphorus | 31-2  | 200      | 258      | 250      | 236      | 13.36  | cps   |
| Potassium  | 39-2  | 60901    | 60097    | 59805    | 60268    | 0.94   | cps   |
| Rhodium    | 103-1 | 10306200 | 10554134 | 10273092 | 10377808 | 1.48   | cps   |
| Rhodium    | 103-2 | 5323704  | 5348238  | 5297120  | 5323021  | 0.48   | cps   |
| Scandium   | 45-1  | 7302035  | 7450846  | 7219192  | 7324024  | 1.60   | cps   |
| Scandium   | 45-2  | 393233   | 392341   | 385872   | 390482   | 1.03   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 107      | 130      | 148      | 128      | 15.89  | cps   |
| Selenium   | 82-1  | 169      | 363      | 175      | 236      | 46.90  | cps   |
| Silicon    | 28-1  | 650244   | 648157   | 649657   | 649353   | 0.17   | cps   |
| Silver     | 109-1 | 83       | 92       | 100      | 92       | 9.09   | cps   |
| Silver     | 107-1 | 108      | 92       | 108      | 103      | 9.36   | cps   |
| Sodium     | 23-2  | 48864    | 47158    | 49315    | 48446    | 2.35   | cps   |
| Strontium  | 86-1  | 1634     | 1800     | 1659     | 1697     | 5.30   | cps   |
| Strontium  | 88-1  | 417      | 475      | 417      | 436      | 7.72   | cps   |
| Sulfur     | 34-1  | 717916   | 718423   | 726759   | 721033   | 0.69   | cps   |
| Terbium    | 159-1 | 14109880 | 14083634 | 13799887 | 13997800 | 1.23   | cps   |
| Terbium    | 159-2 | 7528523  | 7591589  | 7479574  | 7533228  | 0.75   | cps   |
| Thallium   | 203-1 | 167      | 233      | 158      | 186      | 22.09  | cps   |
| Thallium   | 205-1 | 333      | 300      | 275      | 303      | 9.66   | cps   |
| Tin        | 118-1 | 1267     | 1200     | 1375     | 1281     | 6.90   | cps   |
| Titanium   | 47-1  | 233      | 317      | 225      | 258      | 19.62  | cps   |
| Uranium    | 238-1 | 50       | 58       | 58       | 56       | 8.67   | cps   |
| Vanadium   | 51-2  | 27       | 27       | 10       | 21       | 45.58  | cps   |
| Yttrium    | 89-1  | 11469997 | 11724598 | 11239682 | 11478093 | 2.11   | cps   |
| Yttrium    | 89-2  | 1972877  | 1983923  | 1963349  | 1973383  | 0.52   | cps   |
| Zinc       | 66-2  | 350      | 297      | 273      | 307      | 12.82  | cps   |
| Zirconium  | 90-1  | 608      | 683      | 617      | 636      | 6.46   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB88               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB88               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 142  | 133  | 131     | 9.75   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-10-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:25:56  | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1434     | 1951     | 1442     | 1609     | 18.42  | cps   |
| Antimony   | 121-1 | 875      | 817      | 708      | 800      | 10.57  | cps   |
| Arsenic    | 75-2  | 206      | 206      | 174      | 195      | 9.32   | cps   |
| Barium     | 135-1 | 57520    | 58089    | 56608    | 57406    | 1.30   | cps   |
| Barium     | 137-1 | 102704   | 100235   | 97986    | 100308   | 2.35   | cps   |
| Beryllium  | 9-1   | 56       | 28       | 39       | 41       | 34.32  | cps   |
| Bismuth    | 209-1 | 9177208  | 9320191  | 9140939  | 9212780  | 1.03   | cps   |
| Bismuth    | 209-2 | 6091120  | 6192913  | 6224374  | 6169469  | 1.13   | cps   |
| Boron      | 10-1  | 1750     | 1483     | 1867     | 1700     | 11.56  | cps   |
| Boron      | 11-1  | 8695     | 8836     | 8878     | 8803     | 1.09   | cps   |
| Cadmium    | 111-1 | 3035     | 2980     | 2914     | 2976     | 2.03   | cps   |
| Cadmium    | 106-1 | 4293     | 4226     | 4134     | 4217     | 1.89   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 13       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 262203   | 264424   | 258050   | 261559   | 1.24   | cps   |
| Calcium    | 44-1  | 4354804  | 4356846  | 4324360  | 4345337  | 0.42   | cps   |
| Chromium   | 52-2  | 2044     | 1957     | 2177     | 2059     | 5.38   | cps   |
| Cobalt     | 59-2  | 177      | 283      | 213      | 224      | 24.15  | cps   |
| Copper     | 63-2  | 851810   | 856107   | 858791   | 855569   | 0.41   | cps   |
| Dysprosium | 156-1 | 158      | 108      | 92       | 119      | 29.05  | cps   |
| Dysprosium | 156-2 | 73       | 37       | 30       | 47       | 49.99  | cps   |
| Erbium     | 164-1 | 133      | 83       | 100      | 106      | 24.12  | cps   |
| Erbium     | 164-2 | 40       | 63       | 57       | 53       | 22.53  | cps   |
| Gadolinium | 160-1 | 208      | 283      | 275      | 256      | 16.08  | cps   |
| Gadolinium | 160-2 | 163      | 187      | 153      | 168      | 10.19  | cps   |
| Holmium    | 165-1 | 14392696 | 14499033 | 14187741 | 14359823 | 1.10   | cps   |
| Holmium    | 165-2 | 7992797  | 8070901  | 8121008  | 8061569  | 0.80   | cps   |
| Indium     | 115-1 | 11654245 | 11735787 | 11556328 | 11648787 | 0.77   | cps   |
| Indium     | 115-2 | 2579013  | 2578327  | 2594996  | 2584112  | 0.37   | cps   |
| Iron       | 56-2  | 105259   | 112742   | 107074   | 108358   | 3.60   | cps   |
| Iron       | 57-2  | 3473     | 3656     | 3389     | 3506     | 3.89   | cps   |
| Lead       | 206-1 | 3945     | 4084     | 4045     | 4025     | 1.78   | cps   |
| Lead       | 207-1 | 3606     | 3556     | 3423     | 3528     | 2.69   | cps   |
| Lead       | 208-1 | 16154    | 16304    | 16071    | 16177    | 0.73   | cps   |
| Lithium    | 6-1   | 2041167  | 2065349  | 2003185  | 2036567  | 1.54   | cps   |
| Magnesium  | 24-2  | 426942   | 431909   | 433161   | 430671   | 0.76   | cps   |
| Manganese  | 55-2  | 32803    | 32142    | 31891    | 32279    | 1.46   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-10-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:25:56  | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 842      | 758      | 708      | 770      | 8.76   | cps   |
| Molybdenum | 95-1  | 367      | 383      | 250      | 333      | 21.80  | cps   |
| Molybdenum | 96-1  | 408      | 567      | 433      | 469      | 18.13  | cps   |
| Molybdenum | 97-1  | 242      | 358      | 317      | 306      | 19.35  | cps   |
| Molybdenum | 98-1  | 458      | 492      | 433      | 461      | 6.35   | cps   |
| Neodymium  | 150-1 | 53       | 47       | 47       | 49       | 7.88   | cps   |
| Neodymium  | 150-2 | 33       | 27       | 23       | 28       | 18.33  | cps   |
| Nickel     | 60-2  | 1083     | 1020     | 1060     | 1055     | 3.04   | cps   |
| Phosphorus | 31-2  | 7227     | 6693     | 7227     | 7049     | 4.37   | cps   |
| Potassium  | 39-2  | 242715   | 245896   | 249403   | 246005   | 1.36   | cps   |
| Rhodium    | 103-1 | 11073329 | 10958296 | 10994970 | 11008865 | 0.53   | cps   |
| Rhodium    | 103-2 | 5547092  | 5518995  | 5553901  | 5539996  | 0.33   | cps   |
| Scandium   | 45-1  | 7725754  | 7780644  | 7728231  | 7744876  | 0.40   | cps   |
| Scandium   | 45-2  | 405306   | 399615   | 414075   | 406332   | 1.79   | cps   |
| Selenium   | 77-2  | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 98       | 119      | 113      | 110      | 9.58   | cps   |
| Selenium   | 82-1  | 198      | 239      | 379      | 272      | 34.86  | cps   |
| Silicon    | 28-1  | 9501632  | 9907034  | 9434413  | 9614360  | 2.66   | cps   |
| Silver     | 109-1 | 158      | 267      | 125      | 183      | 40.40  | cps   |
| Silver     | 107-1 | 183      | 233      | 242      | 219      | 14.38  | cps   |
| Sodium     | 23-2  | 7400625  | 7423410  | 7423549  | 7415861  | 0.18   | cps   |
| Strontium  | 86-1  | 96927    | 94117    | 93562    | 94868    | 1.90   | cps   |
| Strontium  | 88-1  | 823438   | 811091   | 811867   | 815465   | 0.85   | cps   |
| Sulfur     | 34-1  | 810983   | 808769   | 804699   | 808150   | 0.39   | cps   |
| Terbium    | 159-1 | 14927581 | 14920513 | 14736406 | 14861500 | 0.73   | cps   |
| Terbium    | 159-2 | 7910493  | 7964871  | 8051831  | 7975731  | 0.89   | cps   |
| Thallium   | 203-1 | 275      | 200      | 333      | 269      | 24.81  | cps   |
| Thallium   | 205-1 | 500      | 467      | 542      | 503      | 7.47   | cps   |
| Tin        | 118-1 | 733      | 867      | 1369     | 990      | 33.85  | cps   |
| Titanium   | 47-1  | 1317     | 1392     | 1192     | 1300     | 7.79   | cps   |
| Uranium    | 238-1 | 617      | 500      | 567      | 561      | 10.43  | cps   |
| Vanadium   | 51-2  | 287      | 377      | 257      | 307      | 20.37  | cps   |
| Yttrium    | 89-1  | 12283206 | 12326922 | 12200862 | 12270330 | 0.52   | cps   |
| Yttrium    | 89-2  | 2075631  | 2072193  | 2087659  | 2078494  | 0.39   | cps   |
| Zinc       | 66-2  | 12135    | 12479    | 12586    | 12400    | 1.90   | cps   |
| Zirconium  | 90-1  | 1909     | 2042     | 4368     | 2773     | 49.88  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-10-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:25:56  | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 400  | 342  | 372     | 7.86   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-11 Instrumnet Name : P7  
 Client Sample ID : DC16740-11-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:29:21 DataFile Name : 079SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 41618    | 42196    | 40113    | 41309    | 2.60   | cps   |
| Antimony   | 121-1 | 958      | 892      | 842      | 897      | 6.52   | cps   |
| Arsenic    | 75-2  | 169      | 170      | 183      | 174      | 4.64   | cps   |
| Barium     | 135-1 | 61503    | 59452    | 60039    | 60331    | 1.75   | cps   |
| Barium     | 137-1 | 106514   | 105650   | 101679   | 104615   | 2.46   | cps   |
| Beryllium  | 9-1   | 28       | 61       | 39       | 43       | 39.84  | cps   |
| Bismuth    | 209-1 | 9259152  | 9913558  | 9250871  | 9474527  | 4.01   | cps   |
| Bismuth    | 209-2 | 5932922  | 5993585  | 6036231  | 5987579  | 0.87   | cps   |
| Boron      | 10-1  | 2050     | 1834     | 1842     | 1909     | 6.43   | cps   |
| Boron      | 11-1  | 9612     | 9512     | 9387     | 9503     | 1.19   | cps   |
| Cadmium    | 111-1 | 3184     | 2821     | 2948     | 2984     | 6.17   | cps   |
| Cadmium    | 106-1 | 4501     | 4001     | 4134     | 4212     | 6.15   | cps   |
| Cadmium    | 108-1 | 42       | 13       | 13       | 22       | 75.78  | cps   |
| Calcium    | 43-1  | 269977   | 264059   | 264438   | 266158   | 1.24   | cps   |
| Calcium    | 44-1  | 4461652  | 4412114  | 4380614  | 4418127  | 0.92   | cps   |
| Chromium   | 52-2  | 1760     | 1870     | 1820     | 1817     | 3.03   | cps   |
| Cobalt     | 59-2  | 363      | 317      | 337      | 339      | 6.91   | cps   |
| Copper     | 63-2  | 1494101  | 1488726  | 1488535  | 1490454  | 0.21   | cps   |
| Dysprosium | 156-1 | 75       | 42       | 83       | 67       | 33.07  | cps   |
| Dysprosium | 156-2 | 40       | 17       | 40       | 32       | 41.80  | cps   |
| Erbium     | 164-1 | 92       | 75       | 67       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 53       | 43       | 53       | 50       | 11.55  | cps   |
| Gadolinium | 160-1 | 225      | 167      | 225      | 206      | 16.38  | cps   |
| Gadolinium | 160-2 | 123      | 140      | 163      | 142      | 14.13  | cps   |
| Holmium    | 165-1 | 14495961 | 14997465 | 14315278 | 14602901 | 2.42   | cps   |
| Holmium    | 165-2 | 7862726  | 7844893  | 7841976  | 7849865  | 0.14   | cps   |
| Indium     | 115-1 | 11693383 | 12190595 | 11849630 | 11911203 | 2.13   | cps   |
| Indium     | 115-2 | 2570351  | 2550512  | 2572884  | 2564582  | 0.48   | cps   |
| Iron       | 56-2  | 146863   | 141636   | 149954   | 146151   | 2.88   | cps   |
| Iron       | 57-2  | 4356     | 4495     | 4412     | 4421     | 1.58   | cps   |
| Lead       | 206-1 | 5696     | 5340     | 5574     | 5536     | 3.26   | cps   |
| Lead       | 207-1 | 4740     | 4295     | 4640     | 4558     | 5.12   | cps   |
| Lead       | 208-1 | 21846    | 21196    | 21491    | 21511    | 1.51   | cps   |
| Lithium    | 6-1   | 2049819  | 2139260  | 2032167  | 2073749  | 2.77   | cps   |
| Magnesium  | 24-2  | 432113   | 437725   | 437424   | 435754   | 0.72   | cps   |
| Manganese  | 55-2  | 32853    | 32753    | 31871    | 32493    | 1.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-11-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:29:21  | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 675      | 708      | 689      | 2.52   | cps   |
| Molybdenum | 95-1  | 308      | 308      | 300      | 306      | 1.57   | cps   |
| Molybdenum | 96-1  | 392      | 400      | 392      | 394      | 1.22   | cps   |
| Molybdenum | 97-1  | 325      | 350      | 350      | 342      | 4.23   | cps   |
| Molybdenum | 98-1  | 467      | 450      | 617      | 511      | 17.96  | cps   |
| Neodymium  | 150-1 | 53       | 67       | 80       | 67       | 19.99  | cps   |
| Neodymium  | 150-2 | 43       | 20       | 23       | 29       | 43.68  | cps   |
| Nickel     | 60-2  | 30886    | 30475    | 30722    | 30694    | 0.67   | cps   |
| Phosphorus | 31-2  | 6727     | 6885     | 7069     | 6894     | 2.48   | cps   |
| Potassium  | 39-2  | 257692   | 260277   | 251039   | 256336   | 1.86   | cps   |
| Rhodium    | 103-1 | 11094141 | 11428095 | 11011005 | 11177747 | 1.97   | cps   |
| Rhodium    | 103-2 | 5505734  | 5464863  | 5503873  | 5491490  | 0.42   | cps   |
| Scandium   | 45-1  | 7769022  | 8164596  | 7708817  | 7880812  | 3.14   | cps   |
| Scandium   | 45-2  | 398595   | 403174   | 404725   | 402165   | 0.79   | cps   |
| Selenium   | 77-2  | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 130      | 135      | 87       | 117      | 22.46  | cps   |
| Selenium   | 82-1  | 378      | 364      | 235      | 326      | 24.30  | cps   |
| Silicon    | 28-1  | 9981816  | 9915724  | 9828941  | 9908827  | 0.77   | cps   |
| Silver     | 109-1 | 192      | 167      | 150      | 169      | 12.38  | cps   |
| Silver     | 107-1 | 208      | 208      | 167      | 194      | 12.37  | cps   |
| Sodium     | 23-2  | 7382641  | 7329693  | 7378660  | 7363665  | 0.40   | cps   |
| Strontium  | 86-1  | 97178    | 97102    | 95845    | 96708    | 0.77   | cps   |
| Strontium  | 88-1  | 838168   | 834820   | 823702   | 832230   | 0.91   | cps   |
| Sulfur     | 34-1  | 824557   | 827698   | 825157   | 825804   | 0.20   | cps   |
| Terbium    | 159-1 | 15036438 | 15462863 | 15112563 | 15203955 | 1.50   | cps   |
| Terbium    | 159-2 | 7787441  | 7896803  | 7862352  | 7848865  | 0.71   | cps   |
| Thallium   | 203-1 | 208      | 267      | 217      | 231      | 13.69  | cps   |
| Thallium   | 205-1 | 442      | 500      | 667      | 536      | 21.78  | cps   |
| Tin        | 118-1 | 4226     | 4176     | 4242     | 4215     | 0.82   | cps   |
| Titanium   | 47-1  | 1961     | 1242     | 1083     | 1429     | 32.74  | cps   |
| Uranium    | 238-1 | 625      | 567      | 758      | 650      | 15.12  | cps   |
| Vanadium   | 51-2  | 323      | 390      | 357      | 357      | 9.35   | cps   |
| Yttrium    | 89-1  | 12271478 | 12802705 | 12270565 | 12448249 | 2.47   | cps   |
| Yttrium    | 89-2  | 2061712  | 2056998  | 2042295  | 2053669  | 0.49   | cps   |
| Zinc       | 66-2  | 183041   | 182130   | 183665   | 182945   | 0.42   | cps   |
| Zirconium  | 90-1  | 1842     | 1817     | 1959     | 1872     | 4.04   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-11-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:29:21  | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 433  | 450  | 400     | 18.16  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-12 Instrumnet Name : P7  
 Client Sample ID : DC16740-12-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:32:46 DataFile Name : 080SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1809     | 1884     | 1925     | 1873     | 3.16   | cps   |
| Antimony   | 121-1 | 742      | 667      | 792      | 733      | 8.58   | cps   |
| Arsenic    | 75-2  | 185      | 178      | 204      | 189      | 7.07   | cps   |
| Barium     | 135-1 | 59377    | 59060    | 57412    | 58616    | 1.80   | cps   |
| Barium     | 137-1 | 102335   | 99615    | 100378   | 100776   | 1.39   | cps   |
| Beryllium  | 9-1   | 67       | 61       | 56       | 61       | 9.09   | cps   |
| Bismuth    | 209-1 | 9242532  | 9252145  | 9013611  | 9169429  | 1.47   | cps   |
| Bismuth    | 209-2 | 6161293  | 6084210  | 6116580  | 6120694  | 0.63   | cps   |
| Boron      | 10-1  | 1950     | 1984     | 1934     | 1956     | 1.30   | cps   |
| Boron      | 11-1  | 9320     | 9670     | 9270     | 9420     | 2.32   | cps   |
| Cadmium    | 111-1 | 2689     | 3026     | 2600     | 2772     | 8.12   | cps   |
| Cadmium    | 106-1 | 3842     | 4293     | 3717     | 3951     | 7.66   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 33       | 25       | 33.32  | cps   |
| Calcium    | 43-1  | 260547   | 259898   | 262388   | 260944   | 0.50   | cps   |
| Calcium    | 44-1  | 4362964  | 4306238  | 4338489  | 4335897  | 0.66   | cps   |
| Chromium   | 52-2  | 2090     | 1783     | 1890     | 1921     | 8.10   | cps   |
| Cobalt     | 59-2  | 163      | 153      | 200      | 172      | 14.26  | cps   |
| Copper     | 63-2  | 830096   | 826773   | 829408   | 828759   | 0.21   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 108      | 86       | 24.35  | cps   |
| Dysprosium | 156-2 | 40       | 47       | 23       | 37       | 32.79  | cps   |
| Erbium     | 164-1 | 158      | 92       | 67       | 106      | 44.89  | cps   |
| Erbium     | 164-2 | 47       | 47       | 53       | 49       | 7.86   | cps   |
| Gadolinium | 160-1 | 175      | 225      | 183      | 194      | 13.78  | cps   |
| Gadolinium | 160-2 | 183      | 160      | 210      | 184      | 13.57  | cps   |
| Holmium    | 165-1 | 14414808 | 14134335 | 14064721 | 14204621 | 1.30   | cps   |
| Holmium    | 165-2 | 8097059  | 7967118  | 8166467  | 8076881  | 1.25   | cps   |
| Indium     | 115-1 | 11681109 | 11661818 | 11388525 | 11577151 | 1.41   | cps   |
| Indium     | 115-2 | 2595101  | 2564276  | 2624909  | 2594762  | 1.17   | cps   |
| Iron       | 56-2  | 113040   | 130330   | 118531   | 120634   | 7.32   | cps   |
| Iron       | 57-2  | 3628     | 3940     | 4363     | 3977     | 9.27   | cps   |
| Lead       | 206-1 | 2045     | 2028     | 1956     | 2009     | 2.35   | cps   |
| Lead       | 207-1 | 1806     | 1845     | 1800     | 1817     | 1.33   | cps   |
| Lead       | 208-1 | 8140     | 8190     | 8107     | 8146     | 0.51   | cps   |
| Lithium    | 6-1   | 2062200  | 2013954  | 2016573  | 2030909  | 1.34   | cps   |
| Magnesium  | 24-2  | 431736   | 426736   | 427832   | 428768   | 0.61   | cps   |
| Manganese  | 55-2  | 35122    | 34851    | 35416    | 35130    | 0.80   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-12 Instrumnet Name : P7  
 Client Sample ID : DC16740-12-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:32:46 DataFile Name : 080SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 700      | 850      | 750      | 11.55  | cps   |
| Molybdenum | 95-1  | 250      | 300      | 267      | 272      | 9.35   | cps   |
| Molybdenum | 96-1  | 492      | 442      | 400      | 444      | 10.33  | cps   |
| Molybdenum | 97-1  | 333      | 242      | 300      | 292      | 15.91  | cps   |
| Molybdenum | 98-1  | 567      | 617      | 533      | 572      | 7.33   | cps   |
| Neodymium  | 150-1 | 100      | 80       | 80       | 87       | 13.32  | cps   |
| Neodymium  | 150-2 | 27       | 33       | 20       | 27       | 24.99  | cps   |
| Nickel     | 60-2  | 1063     | 1093     | 1063     | 1073     | 1.61   | cps   |
| Phosphorus | 31-2  | 6535     | 7210     | 6518     | 6755     | 5.84   | cps   |
| Potassium  | 39-2  | 247388   | 249300   | 251525   | 249404   | 0.83   | cps   |
| Rhodium    | 103-1 | 10881985 | 10838995 | 10832588 | 10851189 | 0.25   | cps   |
| Rhodium    | 103-2 | 5573772  | 5498914  | 5684918  | 5585868  | 1.68   | cps   |
| Scandium   | 45-1  | 7736970  | 7711946  | 7683678  | 7710865  | 0.35   | cps   |
| Scandium   | 45-2  | 405998   | 402518   | 420027   | 409514   | 2.26   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 150      | 139      | 135      | 141      | 5.45   | cps   |
| Selenium   | 82-1  | 312      | 104      | 235      | 217      | 48.40  | cps   |
| Silicon    | 28-1  | 9589418  | 9503663  | 9547593  | 9546891  | 0.45   | cps   |
| Silver     | 109-1 | 133      | 208      | 292      | 211      | 37.52  | cps   |
| Silver     | 107-1 | 258      | 342      | 192      | 264      | 28.48  | cps   |
| Sodium     | 23-2  | 7405097  | 7403209  | 7402821  | 7403709  | 0.02   | cps   |
| Strontium  | 86-1  | 95022    | 93042    | 94796    | 94286    | 1.15   | cps   |
| Strontium  | 88-1  | 824144   | 815622   | 814871   | 818212   | 0.63   | cps   |
| Sulfur     | 34-1  | 844618   | 841449   | 855294   | 847120   | 0.86   | cps   |
| Terbium    | 159-1 | 14685285 | 14687724 | 14781440 | 14718150 | 0.37   | cps   |
| Terbium    | 159-2 | 8037110  | 7964098  | 8033986  | 8011731  | 0.52   | cps   |
| Thallium   | 203-1 | 333      | 342      | 300      | 325      | 6.78   | cps   |
| Thallium   | 205-1 | 575      | 567      | 617      | 586      | 4.57   | cps   |
| Tin        | 118-1 | 883      | 1008     | 783      | 892      | 12.64  | cps   |
| Titanium   | 47-1  | 5599     | 1142     | 1250     | 2664     | 95.46  | cps   |
| Uranium    | 238-1 | 433      | 525      | 550      | 503      | 12.22  | cps   |
| Vanadium   | 51-2  | 390      | 283      | 333      | 336      | 15.90  | cps   |
| Yttrium    | 89-1  | 12217475 | 12080041 | 12070754 | 12122757 | 0.68   | cps   |
| Yttrium    | 89-2  | 2084361  | 2067161  | 2109018  | 2086847  | 1.01   | cps   |
| Zinc       | 66-2  | 8429     | 8359     | 8139     | 8309     | 1.82   | cps   |
| Zirconium  | 90-1  | 1608     | 1659     | 1559     | 1609     | 3.11   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-12-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:32:46  | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 392  | 358  | 403     | 12.64  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-13 Instrumnet Name : P7  
 Client Sample ID : DC16740-13-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:36:11 DataFile Name : 081SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2609     | 2626     | 2659     | 2631     | 0.97   | cps   |
| Antimony   | 121-1 | 833      | 767      | 825      | 808      | 4.49   | cps   |
| Arsenic    | 75-2  | 180      | 202      | 198      | 193      | 6.16   | cps   |
| Barium     | 135-1 | 59001    | 58767    | 57578    | 58449    | 1.31   | cps   |
| Barium     | 137-1 | 101847   | 103225   | 100890   | 101987   | 1.15   | cps   |
| Beryllium  | 9-1   | 56       | 50       | 33       | 46       | 24.99  | cps   |
| Bismuth    | 209-1 | 9477663  | 9019927  | 9450622  | 9316071  | 2.76   | cps   |
| Bismuth    | 209-2 | 5780779  | 5965126  | 5949350  | 5898418  | 1.73   | cps   |
| Boron      | 10-1  | 1975     | 1725     | 1867     | 1856     | 6.76   | cps   |
| Boron      | 11-1  | 9128     | 9395     | 9620     | 9381     | 2.63   | cps   |
| Cadmium    | 111-1 | 3198     | 3070     | 3177     | 3148     | 2.17   | cps   |
| Cadmium    | 106-1 | 4526     | 4351     | 4526     | 4468     | 2.26   | cps   |
| Cadmium    | 108-1 | 29       | 13       | 29       | 24       | 40.76  | cps   |
| Calcium    | 43-1  | 263652   | 261920   | 257257   | 260943   | 1.27   | cps   |
| Calcium    | 44-1  | 4368813  | 4354629  | 4257223  | 4326888  | 1.40   | cps   |
| Chromium   | 52-2  | 1737     | 1887     | 1897     | 1840     | 4.87   | cps   |
| Cobalt     | 59-2  | 227      | 183      | 173      | 194      | 14.58  | cps   |
| Copper     | 63-2  | 911206   | 906565   | 907212   | 908328   | 0.28   | cps   |
| Dysprosium | 156-1 | 17       | 83       | 42       | 47       | 71.32  | cps   |
| Dysprosium | 156-2 | 33       | 43       | 17       | 31       | 43.29  | cps   |
| Erbium     | 164-1 | 75       | 100      | 50       | 75       | 33.33  | cps   |
| Erbium     | 164-2 | 67       | 57       | 80       | 68       | 17.27  | cps   |
| Gadolinium | 160-1 | 200      | 142      | 217      | 186      | 21.16  | cps   |
| Gadolinium | 160-2 | 130      | 210      | 250      | 197      | 31.07  | cps   |
| Holmium    | 165-1 | 14528743 | 14303837 | 14467487 | 14433356 | 0.81   | cps   |
| Holmium    | 165-2 | 7734073  | 7874478  | 7874952  | 7827834  | 1.04   | cps   |
| Indium     | 115-1 | 11790018 | 11470082 | 11781507 | 11680536 | 1.56   | cps   |
| Indium     | 115-2 | 2504210  | 2522486  | 2504215  | 2510304  | 0.42   | cps   |
| Iron       | 56-2  | 112043   | 111734   | 116653   | 113477   | 2.43   | cps   |
| Iron       | 57-2  | 3367     | 4458     | 3606     | 3811     | 15.05  | cps   |
| Lead       | 206-1 | 5957     | 5813     | 5429     | 5733     | 4.76   | cps   |
| Lead       | 207-1 | 4768     | 4673     | 4857     | 4766     | 1.92   | cps   |
| Lead       | 208-1 | 22514    | 22169    | 21719    | 22134    | 1.80   | cps   |
| Lithium    | 6-1   | 2085272  | 2038483  | 2077671  | 2067142  | 1.21   | cps   |
| Magnesium  | 24-2  | 421883   | 424837   | 421741   | 422820   | 0.41   | cps   |
| Manganese  | 55-2  | 33161    | 33445    | 33629    | 33411    | 0.71   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-13 Instrumnet Name : P7  
 Client Sample ID : DC16740-13-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:36:11 DataFile Name : 081SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 650      | 592      | 667      | 636      | 6.19   | cps   |
| Molybdenum | 95-1  | 308      | 433      | 325      | 356      | 19.09  | cps   |
| Molybdenum | 96-1  | 475      | 575      | 508      | 519      | 9.80   | cps   |
| Molybdenum | 97-1  | 233      | 275      | 300      | 269      | 12.50  | cps   |
| Molybdenum | 98-1  | 508      | 508      | 517      | 511      | 0.94   | cps   |
| Neodymium  | 150-1 | 47       | 80       | 47       | 58       | 33.30  | cps   |
| Neodymium  | 150-2 | 23       | 27       | 17       | 22       | 22.91  | cps   |
| Nickel     | 60-2  | 3137     | 3297     | 3180     | 3205     | 2.58   | cps   |
| Phosphorus | 31-2  | 7127     | 7327     | 7235     | 7230     | 1.38   | cps   |
| Potassium  | 39-2  | 266266   | 267146   | 264070   | 265827   | 0.60   | cps   |
| Rhodium    | 103-1 | 11172623 | 10909042 | 11106631 | 11062765 | 1.24   | cps   |
| Rhodium    | 103-2 | 5403254  | 5433921  | 5407651  | 5414942  | 0.31   | cps   |
| Scandium   | 45-1  | 7903032  | 7610129  | 7707675  | 7740279  | 1.93   | cps   |
| Scandium   | 45-2  | 392392   | 400586   | 399088   | 397355   | 1.10   | cps   |
| Selenium   | 77-2  | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 115      | 124      | 135      | 125      | 8.18   | cps   |
| Selenium   | 82-1  | 246      | 117      | 158      | 173      | 38.08  | cps   |
| Silicon    | 28-1  | 9427447  | 9436814  | 9345144  | 9403135  | 0.54   | cps   |
| Silver     | 109-1 | 175      | 283      | 158      | 206      | 33.02  | cps   |
| Silver     | 107-1 | 217      | 192      | 258      | 222      | 15.16  | cps   |
| Sodium     | 23-2  | 7252724  | 7243267  | 7305496  | 7267162  | 0.46   | cps   |
| Strontium  | 86-1  | 94157    | 95743    | 93427    | 94442    | 1.25   | cps   |
| Strontium  | 88-1  | 810769   | 814731   | 798446   | 807982   | 1.05   | cps   |
| Sulfur     | 34-1  | 826289   | 842352   | 834824   | 834488   | 0.96   | cps   |
| Terbium    | 159-1 | 15034906 | 14827413 | 15090894 | 14984404 | 0.93   | cps   |
| Terbium    | 159-2 | 7696724  | 7842490  | 7781716  | 7773643  | 0.94   | cps   |
| Thallium   | 203-1 | 233      | 258      | 267      | 253      | 6.86   | cps   |
| Thallium   | 205-1 | 592      | 750      | 708      | 683      | 12.01  | cps   |
| Tin        | 118-1 | 792      | 758      | 808      | 786      | 3.24   | cps   |
| Titanium   | 47-1  | 1225     | 1250     | 7152     | 3209     | 106.41 | cps   |
| Uranium    | 238-1 | 483      | 592      | 642      | 572      | 14.14  | cps   |
| Vanadium   | 51-2  | 287      | 273      | 310      | 290      | 6.40   | cps   |
| Yttrium    | 89-1  | 12376319 | 12121084 | 12239626 | 12245677 | 1.04   | cps   |
| Yttrium    | 89-2  | 2000649  | 2028901  | 2016578  | 2015376  | 0.70   | cps   |
| Zinc       | 66-2  | 41676    | 41807    | 41121    | 41535    | 0.88   | cps   |
| Zirconium  | 90-1  | 3776     | 1583     | 1600     | 2320     | 54.36  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-13-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:36:11  | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 358  | 333  | 325     | 11.75  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-14 Instrumnet Name : P7  
 Client Sample ID : DC16740-14-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:39:36 DataFile Name : 082SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1992     | 1975     | 2159     | 2042     | 4.98   | cps   |
| Antimony   | 121-1 | 733      | 742      | 808      | 761      | 5.40   | cps   |
| Arsenic    | 75-2  | 170      | 165      | 222      | 186      | 17.04  | cps   |
| Barium     | 135-1 | 57595    | 57913    | 58750    | 58086    | 1.03   | cps   |
| Barium     | 137-1 | 101225   | 100680   | 100085   | 100663   | 0.57   | cps   |
| Beryllium  | 9-1   | 67       | 56       | 44       | 56       | 20.00  | cps   |
| Bismuth    | 209-1 | 9287647  | 9039077  | 9025523  | 9117416  | 1.62   | cps   |
| Bismuth    | 209-2 | 5932931  | 5998495  | 6301615  | 6077680  | 3.24   | cps   |
| Boron      | 10-1  | 1900     | 1934     | 1984     | 1939     | 2.16   | cps   |
| Boron      | 11-1  | 10212    | 9728     | 9845     | 9929     | 2.54   | cps   |
| Cadmium    | 111-1 | 3179     | 3057     | 2673     | 2970     | 8.91   | cps   |
| Cadmium    | 106-1 | 4543     | 4342     | 3801     | 4229     | 9.08   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 13       | 14       | 17.33  | cps   |
| Calcium    | 43-1  | 261126   | 260776   | 260916   | 260939   | 0.07   | cps   |
| Calcium    | 44-1  | 4319117  | 4299625  | 4325852  | 4314865  | 0.32   | cps   |
| Chromium   | 52-2  | 1807     | 2000     | 1930     | 1912     | 5.12   | cps   |
| Cobalt     | 59-2  | 167      | 163      | 220      | 183      | 17.35  | cps   |
| Copper     | 63-2  | 784402   | 793569   | 787317   | 788429   | 0.59   | cps   |
| Dysprosium | 156-1 | 42       | 108      | 75       | 75       | 44.44  | cps   |
| Dysprosium | 156-2 | 27       | 37       | 53       | 39       | 34.63  | cps   |
| Erbium     | 164-1 | 133      | 133      | 125      | 131      | 3.68   | cps   |
| Erbium     | 164-2 | 63       | 50       | 30       | 48       | 35.11  | cps   |
| Gadolinium | 160-1 | 167      | 200      | 250      | 206      | 20.41  | cps   |
| Gadolinium | 160-2 | 197      | 170      | 210      | 192      | 10.60  | cps   |
| Holmium    | 165-1 | 14471146 | 13966026 | 13984936 | 14140703 | 2.02   | cps   |
| Holmium    | 165-2 | 7884390  | 7756626  | 8008035  | 7883017  | 1.59   | cps   |
| Indium     | 115-1 | 11676339 | 11308552 | 11266338 | 11417076 | 1.98   | cps   |
| Indium     | 115-2 | 2522778  | 2522805  | 2597303  | 2547629  | 1.69   | cps   |
| Iron       | 56-2  | 102202   | 102087   | 100185   | 101491   | 1.12   | cps   |
| Iron       | 57-2  | 3384     | 3562     | 3312     | 3419     | 3.76   | cps   |
| Lead       | 206-1 | 1817     | 1772     | 1639     | 1743     | 5.31   | cps   |
| Lead       | 207-1 | 1617     | 1417     | 1617     | 1550     | 7.45   | cps   |
| Lead       | 208-1 | 7134     | 6545     | 7057     | 6912     | 4.63   | cps   |
| Lithium    | 6-1   | 2066871  | 2017678  | 2013233  | 2032594  | 1.46   | cps   |
| Magnesium  | 24-2  | 421499   | 428567   | 425377   | 425147   | 0.83   | cps   |
| Manganese  | 55-2  | 32626    | 32877    | 33117    | 32874    | 0.75   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-14 Instrumnet Name : P7  
 Client Sample ID : DC16740-14-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:39:36 DataFile Name : 082SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 758      | 708      | 658      | 708      | 7.06   | cps   |
| Molybdenum | 95-1  | 350      | 325      | 283      | 319      | 10.54  | cps   |
| Molybdenum | 96-1  | 442      | 417      | 492      | 450      | 8.49   | cps   |
| Molybdenum | 97-1  | 258      | 267      | 225      | 250      | 8.82   | cps   |
| Molybdenum | 98-1  | 583      | 442      | 450      | 492      | 16.17  | cps   |
| Neodymium  | 150-1 | 53       | 67       | 33       | 51       | 32.83  | cps   |
| Neodymium  | 150-2 | 23       | 17       | 37       | 26       | 39.85  | cps   |
| Nickel     | 60-2  | 450      | 557      | 457      | 488      | 12.25  | cps   |
| Phosphorus | 31-2  | 6577     | 6919     | 6768     | 6755     | 2.54   | cps   |
| Potassium  | 39-2  | 243498   | 246735   | 249065   | 246433   | 1.13   | cps   |
| Rhodium    | 103-1 | 10951074 | 10743990 | 10699615 | 10798226 | 1.24   | cps   |
| Rhodium    | 103-2 | 5366842  | 5448524  | 5578729  | 5464698  | 1.96   | cps   |
| Scandium   | 45-1  | 7839922  | 7611667  | 7337431  | 7596340  | 3.31   | cps   |
| Scandium   | 45-2  | 398891   | 399531   | 416998   | 405140   | 2.54   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 133      | 100      | 118      | 14.25  | cps   |
| Selenium   | 82-1  | 257      | 147      | 239      | 214      | 27.63  | cps   |
| Silicon    | 28-1  | 9469869  | 9361816  | 9300057  | 9377247  | 0.92   | cps   |
| Silver     | 109-1 | 183      | 208      | 258      | 217      | 17.63  | cps   |
| Silver     | 107-1 | 308      | 225      | 242      | 258      | 17.07  | cps   |
| Sodium     | 23-2  | 7346294  | 7414773  | 7400537  | 7387201  | 0.49   | cps   |
| Strontium  | 86-1  | 94535    | 92514    | 94317    | 93789    | 1.18   | cps   |
| Strontium  | 88-1  | 823822   | 814081   | 804745   | 814216   | 1.17   | cps   |
| Sulfur     | 34-1  | 833617   | 827959   | 832470   | 831348   | 0.36   | cps   |
| Terbium    | 159-1 | 14959471 | 14393735 | 14621830 | 14658345 | 1.94   | cps   |
| Terbium    | 159-2 | 7830716  | 7762490  | 8005272  | 7866159  | 1.59   | cps   |
| Thallium   | 203-1 | 250      | 258      | 283      | 264      | 6.57   | cps   |
| Thallium   | 205-1 | 575      | 600      | 467      | 547      | 12.95  | cps   |
| Tin        | 118-1 | 783      | 717      | 658      | 719      | 8.69   | cps   |
| Titanium   | 47-1  | 1083     | 1217     | 1142     | 1147     | 5.83   | cps   |
| Uranium    | 238-1 | 558      | 533      | 508      | 533      | 4.69   | cps   |
| Vanadium   | 51-2  | 343      | 300      | 353      | 332      | 8.53   | cps   |
| Yttrium    | 89-1  | 12438014 | 11984496 | 11838699 | 12087070 | 2.59   | cps   |
| Yttrium    | 89-2  | 2010028  | 2025757  | 2088904  | 2041563  | 2.04   | cps   |
| Zinc       | 66-2  | 2644     | 2817     | 2964     | 2808     | 5.71   | cps   |
| Zirconium  | 90-1  | 1533     | 1342     | 1567     | 1481     | 8.20   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-14-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:39:36  | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 375  | 292  | 325     | 13.57  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-15 Instrumnet Name : P7  
 Client Sample ID : DC16740-15-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:43:02 DataFile Name : 083SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5101     | 5043     | 4984     | 5043     | 1.16   | cps   |
| Antimony   | 121-1 | 883      | 683      | 900      | 822      | 14.66  | cps   |
| Arsenic    | 75-2  | 207      | 189      | 217      | 204      | 6.92   | cps   |
| Barium     | 135-1 | 59788    | 60282    | 58850    | 59640    | 1.22   | cps   |
| Barium     | 137-1 | 104895   | 106666   | 102912   | 104824   | 1.79   | cps   |
| Beryllium  | 9-1   | 28       | 50       | 33       | 37       | 31.22  | cps   |
| Bismuth    | 209-1 | 9127635  | 9262016  | 9135750  | 9175134  | 0.82   | cps   |
| Bismuth    | 209-2 | 5986727  | 5934523  | 6029505  | 5983585  | 0.79   | cps   |
| Boron      | 10-1  | 1817     | 1950     | 1834     | 1867     | 3.89   | cps   |
| Boron      | 11-1  | 9153     | 9562     | 9295     | 9337     | 2.22   | cps   |
| Cadmium    | 111-1 | 3039     | 2648     | 2833     | 2840     | 6.88   | cps   |
| Cadmium    | 106-1 | 4301     | 3742     | 4001     | 4015     | 6.96   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 13       | 17       | 43.30  | cps   |
| Calcium    | 43-1  | 266102   | 265774   | 260747   | 264207   | 1.14   | cps   |
| Calcium    | 44-1  | 4430394  | 4356387  | 4341436  | 4376072  | 1.09   | cps   |
| Chromium   | 52-2  | 1900     | 2050     | 1760     | 1903     | 7.62   | cps   |
| Cobalt     | 59-2  | 280      | 267      | 260      | 269      | 3.79   | cps   |
| Copper     | 63-2  | 916254   | 921404   | 922215   | 919958   | 0.35   | cps   |
| Dysprosium | 156-1 | 58       | 92       | 42       | 64       | 39.85  | cps   |
| Dysprosium | 156-2 | 40       | 37       | 53       | 43       | 20.34  | cps   |
| Erbium     | 164-1 | 133      | 100      | 92       | 108      | 20.35  | cps   |
| Erbium     | 164-2 | 60       | 30       | 67       | 52       | 37.40  | cps   |
| Gadolinium | 160-1 | 158      | 175      | 200      | 178      | 11.80  | cps   |
| Gadolinium | 160-2 | 183      | 190      | 150      | 174      | 12.29  | cps   |
| Holmium    | 165-1 | 14423568 | 14282104 | 14189402 | 14298358 | 0.82   | cps   |
| Holmium    | 165-2 | 7884818  | 7909711  | 7987176  | 7927235  | 0.67   | cps   |
| Indium     | 115-1 | 11666153 | 11589402 | 11513455 | 11589670 | 0.66   | cps   |
| Indium     | 115-2 | 2526482  | 2563650  | 2574871  | 2555001  | 0.99   | cps   |
| Iron       | 56-2  | 114680   | 113867   | 138078   | 122208   | 11.25  | cps   |
| Iron       | 57-2  | 3845     | 3923     | 3528     | 3765     | 5.55   | cps   |
| Lead       | 206-1 | 9726     | 9531     | 9654     | 9637     | 1.02   | cps   |
| Lead       | 207-1 | 8231     | 8270     | 8314     | 8271     | 0.50   | cps   |
| Lead       | 208-1 | 38668    | 37544    | 38039    | 38084    | 1.48   | cps   |
| Lithium    | 6-1   | 2050869  | 2037491  | 2006408  | 2031589  | 1.12   | cps   |
| Magnesium  | 24-2  | 427682   | 438302   | 436860   | 434281   | 1.33   | cps   |
| Manganese  | 55-2  | 36175    | 35256    | 36028    | 35819    | 1.38   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-15-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:43:02  | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 617      | 708      | 825      | 717      | 14.57  | cps   |
| Molybdenum | 95-1  | 258      | 317      | 250      | 275      | 13.21  | cps   |
| Molybdenum | 96-1  | 392      | 450      | 550      | 464      | 17.26  | cps   |
| Molybdenum | 97-1  | 283      | 250      | 342      | 292      | 15.91  | cps   |
| Molybdenum | 98-1  | 542      | 425      | 492      | 486      | 12.04  | cps   |
| Neodymium  | 150-1 | 100      | 60       | 47       | 69       | 40.29  | cps   |
| Neodymium  | 150-2 | 47       | 40       | 30       | 39       | 21.57  | cps   |
| Nickel     | 60-2  | 27743    | 27309    | 27890    | 27647    | 1.09   | cps   |
| Phosphorus | 31-2  | 6518     | 7069     | 7469     | 7019     | 6.80   | cps   |
| Potassium  | 39-2  | 253963   | 257845   | 257158   | 256322   | 0.81   | cps   |
| Rhodium    | 103-1 | 11046252 | 11036381 | 10959712 | 11014115 | 0.43   | cps   |
| Rhodium    | 103-2 | 5412985  | 5464105  | 5508020  | 5461703  | 0.87   | cps   |
| Scandium   | 45-1  | 7651120  | 7697046  | 7624905  | 7657690  | 0.48   | cps   |
| Scandium   | 45-2  | 399974   | 402102   | 406745   | 402940   | 0.86   | cps   |
| Selenium   | 77-2  | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Selenium   | 78-2  | 115      | 124      | 137      | 125      | 8.91   | cps   |
| Selenium   | 82-1  | 154      | 257      | 299      | 236      | 31.53  | cps   |
| Silicon    | 28-1  | 9593468  | 9760732  | 9468909  | 9607703  | 1.52   | cps   |
| Silver     | 109-1 | 292      | 183      | 250      | 242      | 22.61  | cps   |
| Silver     | 107-1 | 267      | 250      | 292      | 269      | 7.78   | cps   |
| Sodium     | 23-2  | 7455637  | 7507772  | 7531867  | 7498425  | 0.52   | cps   |
| Strontium  | 86-1  | 97219    | 96130    | 95366    | 96238    | 0.97   | cps   |
| Strontium  | 88-1  | 835130   | 821911   | 824780   | 827274   | 0.84   | cps   |
| Sulfur     | 34-1  | 825223   | 839590   | 836571   | 833795   | 0.91   | cps   |
| Terbium    | 159-1 | 14771220 | 14919660 | 14661813 | 14784231 | 0.88   | cps   |
| Terbium    | 159-2 | 7884481  | 7852801  | 7890769  | 7876017  | 0.26   | cps   |
| Thallium   | 203-1 | 217      | 225      | 383      | 275      | 34.15  | cps   |
| Thallium   | 205-1 | 625      | 550      | 533      | 569      | 8.58   | cps   |
| Tin        | 118-1 | 8261     | 8903     | 8495     | 8553     | 3.80   | cps   |
| Titanium   | 47-1  | 1534     | 1367     | 1225     | 1375     | 11.23  | cps   |
| Uranium    | 238-1 | 483      | 608      | 525      | 539      | 11.81  | cps   |
| Vanadium   | 51-2  | 270      | 303      | 313      | 296      | 7.68   | cps   |
| Yttrium    | 89-1  | 12264133 | 12221129 | 12146715 | 12210659 | 0.49   | cps   |
| Yttrium    | 89-2  | 2044990  | 2048791  | 2057563  | 2050448  | 0.31   | cps   |
| Zinc       | 66-2  | 20261    | 20835    | 20515    | 20537    | 1.40   | cps   |
| Zirconium  | 90-1  | 1283     | 1342     | 1684     | 1436     | 15.05  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-15-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:43:02  | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 283  | 375  | 333     | 13.92  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-16-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:46:28  | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2369     | 3320     | 1667     | 2452     | 33.84  | cps   |
| Antimony   | 121-1 | 817      | 817      | 775      | 803      | 3.00   | cps   |
| Arsenic    | 75-2  | 224      | 217      | 211      | 217      | 2.99   | cps   |
| Barium     | 135-1 | 59336    | 58147    | 57671    | 58385    | 1.47   | cps   |
| Barium     | 137-1 | 101947   | 99900    | 100723   | 100856   | 1.02   | cps   |
| Beryllium  | 9-1   | 39       | 28       | 28       | 31       | 20.37  | cps   |
| Bismuth    | 209-1 | 9335016  | 9023762  | 9308854  | 9222544  | 1.87   | cps   |
| Bismuth    | 209-2 | 6105752  | 6103082  | 5895035  | 6034623  | 2.00   | cps   |
| Boron      | 10-1  | 1934     | 1842     | 1892     | 1889     | 2.43   | cps   |
| Boron      | 11-1  | 9678     | 9370     | 9962     | 9670     | 3.06   | cps   |
| Cadmium    | 111-1 | 2840     | 2889     | 2911     | 2880     | 1.26   | cps   |
| Cadmium    | 106-1 | 4067     | 4126     | 4142     | 4112     | 0.96   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 265805   | 261293   | 261653   | 262917   | 0.95   | cps   |
| Calcium    | 44-1  | 4410351  | 4304513  | 4306541  | 4340468  | 1.39   | cps   |
| Chromium   | 52-2  | 2010     | 2044     | 2030     | 2028     | 0.83   | cps   |
| Cobalt     | 59-2  | 157      | 210      | 190      | 186      | 14.52  | cps   |
| Copper     | 63-2  | 792969   | 787102   | 792701   | 790924   | 0.42   | cps   |
| Dysprosium | 156-1 | 58       | 42       | 83       | 61       | 34.32  | cps   |
| Dysprosium | 156-2 | 37       | 27       | 33       | 32       | 15.80  | cps   |
| Erbium     | 164-1 | 117      | 108      | 117      | 114      | 4.22   | cps   |
| Erbium     | 164-2 | 67       | 73       | 50       | 63       | 18.98  | cps   |
| Gadolinium | 160-1 | 258      | 83       | 192      | 178      | 49.68  | cps   |
| Gadolinium | 160-2 | 177      | 257      | 163      | 199      | 25.38  | cps   |
| Holmium    | 165-1 | 14515782 | 14195340 | 14192496 | 14301206 | 1.30   | cps   |
| Holmium    | 165-2 | 7829171  | 7951756  | 7881063  | 7887330  | 0.78   | cps   |
| Indium     | 115-1 | 11694513 | 11505119 | 11668171 | 11622601 | 0.88   | cps   |
| Indium     | 115-2 | 2613289  | 2590076  | 2555772  | 2586379  | 1.12   | cps   |
| Iron       | 56-2  | 107734   | 106803   | 120824   | 111787   | 7.01   | cps   |
| Iron       | 57-2  | 3662     | 3612     | 3856     | 3710     | 3.48   | cps   |
| Lead       | 206-1 | 1817     | 1984     | 2006     | 1935     | 5.34   | cps   |
| Lead       | 207-1 | 1650     | 1606     | 1661     | 1639     | 1.79   | cps   |
| Lead       | 208-1 | 7340     | 7812     | 7857     | 7670     | 3.73   | cps   |
| Lithium    | 6-1   | 2062624  | 2019384  | 2014915  | 2032308  | 1.30   | cps   |
| Magnesium  | 24-2  | 431416   | 429255   | 438696   | 433123   | 1.14   | cps   |
| Manganese  | 55-2  | 33675    | 32914    | 33461    | 33350    | 1.18   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-16-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:46:28  | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 750      | 683      | 706      | 5.45   | cps   |
| Molybdenum | 95-1  | 308      | 333      | 333      | 325      | 4.44   | cps   |
| Molybdenum | 96-1  | 433      | 475      | 492      | 467      | 6.44   | cps   |
| Molybdenum | 97-1  | 317      | 267      | 250      | 278      | 12.49  | cps   |
| Molybdenum | 98-1  | 717      | 592      | 550      | 619      | 14.00  | cps   |
| Neodymium  | 150-1 | 60       | 87       | 100      | 82       | 24.77  | cps   |
| Neodymium  | 150-2 | 20       | 30       | 40       | 30       | 33.33  | cps   |
| Nickel     | 60-2  | 6028     | 5901     | 5771     | 5900     | 2.18   | cps   |
| Phosphorus | 31-2  | 7536     | 7019     | 7411     | 7322     | 3.68   | cps   |
| Potassium  | 39-2  | 248175   | 248884   | 253189   | 250082   | 1.09   | cps   |
| Rhodium    | 103-1 | 11008641 | 10871207 | 10852544 | 10910797 | 0.78   | cps   |
| Rhodium    | 103-2 | 5601755  | 5558631  | 5439386  | 5533257  | 1.52   | cps   |
| Scandium   | 45-1  | 7816793  | 7562283  | 7615890  | 7664989  | 1.75   | cps   |
| Scandium   | 45-2  | 414023   | 407361   | 399468   | 406951   | 1.79   | cps   |
| Selenium   | 77-2  | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 93       | 96       | 126      | 105      | 17.41  | cps   |
| Selenium   | 82-1  | 142      | 329      | 124      | 199      | 57.18  | cps   |
| Silicon    | 28-1  | 9763637  | 9490136  | 9434315  | 9562696  | 1.84   | cps   |
| Silver     | 109-1 | 192      | 175      | 183      | 183      | 4.55   | cps   |
| Silver     | 107-1 | 300      | 317      | 258      | 292      | 10.30  | cps   |
| Sodium     | 23-2  | 7442404  | 7422649  | 7531267  | 7465440  | 0.78   | cps   |
| Strontium  | 86-1  | 96222    | 94627    | 93731    | 94860    | 1.33   | cps   |
| Strontium  | 88-1  | 813463   | 811997   | 823531   | 816330   | 0.77   | cps   |
| Sulfur     | 34-1  | 826404   | 827095   | 831495   | 828331   | 0.33   | cps   |
| Terbium    | 159-1 | 14990940 | 14689710 | 14796214 | 14825621 | 1.03   | cps   |
| Terbium    | 159-2 | 7986552  | 7861793  | 7919329  | 7922558  | 0.79   | cps   |
| Thallium   | 203-1 | 258      | 175      | 117      | 183      | 38.84  | cps   |
| Thallium   | 205-1 | 558      | 458      | 650      | 556      | 17.26  | cps   |
| Tin        | 118-1 | 850      | 817      | 733      | 800      | 7.51   | cps   |
| Titanium   | 47-1  | 1275     | 1233     | 1058     | 1189     | 9.67   | cps   |
| Uranium    | 238-1 | 667      | 500      | 467      | 544      | 19.68  | cps   |
| Vanadium   | 51-2  | 327      | 343      | 293      | 321      | 7.93   | cps   |
| Yttrium    | 89-1  | 12195046 | 11852062 | 12155618 | 12067575 | 1.56   | cps   |
| Yttrium    | 89-2  | 2078455  | 2073684  | 2046687  | 2066275  | 0.83   | cps   |
| Zinc       | 66-2  | 3397     | 3557     | 3677     | 3544     | 3.97   | cps   |
| Zirconium  | 90-1  | 1742     | 1342     | 1725     | 1603     | 14.12  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-16-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:46:28  | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 308  | 350  | 325     | 6.78   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-17-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:49:54  | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6043     | 6260     | 6069     | 6124     | 1.94   | cps   |
| Antimony   | 121-1 | 6835     | 6885     | 6894     | 6871     | 0.46   | cps   |
| Arsenic    | 75-2  | 187      | 183      | 176      | 182      | 3.11   | cps   |
| Barium     | 135-1 | 56198    | 53788    | 54248    | 54745    | 2.34   | cps   |
| Barium     | 137-1 | 94001    | 94546    | 94278    | 94275    | 0.29   | cps   |
| Beryllium  | 9-1   | 33       | 50       | 39       | 41       | 20.83  | cps   |
| Bismuth    | 209-1 | 9423410  | 9085203  | 9280574  | 9263062  | 1.83   | cps   |
| Bismuth    | 209-2 | 6068356  | 6016424  | 5990397  | 6025059  | 0.66   | cps   |
| Boron      | 10-1  | 1992     | 2042     | 2050     | 2028     | 1.56   | cps   |
| Boron      | 11-1  | 9979     | 10070    | 9754     | 9934     | 1.64   | cps   |
| Cadmium    | 111-1 | 3216     | 2851     | 2964     | 3011     | 6.22   | cps   |
| Cadmium    | 106-1 | 4309     | 3792     | 4026     | 4042     | 6.40   | cps   |
| Cadmium    | 108-1 | 42       | 71       | 71       | 61       | 27.56  | cps   |
| Calcium    | 43-1  | 253902   | 260030   | 257606   | 257179   | 1.20   | cps   |
| Calcium    | 44-1  | 4262217  | 4236993  | 4263067  | 4254093  | 0.35   | cps   |
| Chromium   | 52-2  | 1720     | 1743     | 1797     | 1753     | 2.24   | cps   |
| Cobalt     | 59-2  | 513      | 503      | 440      | 486      | 8.19   | cps   |
| Copper     | 63-2  | 1710236  | 1700084  | 1726382  | 1712234  | 0.77   | cps   |
| Dysprosium | 156-1 | 33       | 67       | 83       | 61       | 41.67  | cps   |
| Dysprosium | 156-2 | 40       | 30       | 50       | 40       | 25.00  | cps   |
| Erbium     | 164-1 | 75       | 117      | 117      | 103      | 23.41  | cps   |
| Erbium     | 164-2 | 33       | 43       | 47       | 41       | 16.89  | cps   |
| Gadolinium | 160-1 | 217      | 133      | 183      | 178      | 23.59  | cps   |
| Gadolinium | 160-2 | 127      | 203      | 230      | 187      | 28.74  | cps   |
| Holmium    | 165-1 | 14377282 | 14377098 | 14239173 | 14331184 | 0.56   | cps   |
| Holmium    | 165-2 | 7959459  | 7825504  | 7942564  | 7909176  | 0.92   | cps   |
| Indium     | 115-1 | 11729928 | 11542431 | 11514681 | 11595680 | 1.01   | cps   |
| Indium     | 115-2 | 2556088  | 2576547  | 2574002  | 2568879  | 0.43   | cps   |
| Iron       | 56-2  | 148688   | 128497   | 131764   | 136316   | 7.95   | cps   |
| Iron       | 57-2  | 3895     | 4390     | 3895     | 4060     | 7.04   | cps   |
| Lead       | 206-1 | 9298     | 9137     | 9126     | 9187     | 1.05   | cps   |
| Lead       | 207-1 | 7669     | 7803     | 7725     | 7732     | 0.87   | cps   |
| Lead       | 208-1 | 35397    | 35931    | 35085    | 35471    | 1.21   | cps   |
| Lithium    | 6-1   | 2068598  | 2038523  | 2032011  | 2046377  | 0.95   | cps   |
| Magnesium  | 24-2  | 433919   | 434148   | 432916   | 433661   | 0.15   | cps   |
| Manganese  | 55-2  | 41997    | 41368    | 42157    | 41841    | 1.00   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-17 Instrumnet Name : P7  
 Client Sample ID : DC16740-17-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:49:54 DataFile Name : 085SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 2017     | 567      | 1122     | 69.70  | cps   |
| Molybdenum | 95-1  | 358      | 367      | 400      | 375      | 5.88   | cps   |
| Molybdenum | 96-1  | 425      | 383      | 575      | 461      | 21.86  | cps   |
| Molybdenum | 97-1  | 317      | 317      | 283      | 306      | 6.30   | cps   |
| Molybdenum | 98-1  | 558      | 383      | 483      | 475      | 18.48  | cps   |
| Neodymium  | 150-1 | 80       | 47       | 40       | 56       | 38.57  | cps   |
| Neodymium  | 150-2 | 30       | 30       | 23       | 28       | 13.86  | cps   |
| Nickel     | 60-2  | 13430    | 13320    | 12769    | 13173    | 2.69   | cps   |
| Phosphorus | 31-2  | 5093     | 4893     | 5084     | 5023     | 2.25   | cps   |
| Potassium  | 39-2  | 256277   | 254896   | 256160   | 255778   | 0.30   | cps   |
| Rhodium    | 103-1 | 11131518 | 10969716 | 11057478 | 11052904 | 0.73   | cps   |
| Rhodium    | 103-2 | 5526692  | 5470265  | 5579027  | 5525328  | 0.98   | cps   |
| Scandium   | 45-1  | 7875947  | 7659680  | 7785213  | 7773613  | 1.40   | cps   |
| Scandium   | 45-2  | 403017   | 401849   | 399265   | 401377   | 0.48   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 111      | 124      | 135      | 123      | 9.76   | cps   |
| Selenium   | 82-1  | 270      | 402      | 494      | 389      | 29.06  | cps   |
| Silicon    | 28-1  | 9928716  | 9846438  | 9853122  | 9876092  | 0.46   | cps   |
| Silver     | 109-1 | 358      | 275      | 333      | 322      | 13.27  | cps   |
| Silver     | 107-1 | 333      | 375      | 367      | 358      | 6.15   | cps   |
| Sodium     | 23-2  | 7442067  | 7340819  | 7356394  | 7379760  | 0.74   | cps   |
| Strontium  | 86-1  | 94803    | 94452    | 94745    | 94667    | 0.20   | cps   |
| Strontium  | 88-1  | 810001   | 809802   | 808105   | 809303   | 0.13   | cps   |
| Sulfur     | 34-1  | 825354   | 820083   | 829976   | 825138   | 0.60   | cps   |
| Terbium    | 159-1 | 14839186 | 14759122 | 14907639 | 14835316 | 0.50   | cps   |
| Terbium    | 159-2 | 7913862  | 8029747  | 7845573  | 7929728  | 1.17   | cps   |
| Thallium   | 203-1 | 292      | 325      | 367      | 328      | 11.47  | cps   |
| Thallium   | 205-1 | 525      | 750      | 742      | 672      | 18.98  | cps   |
| Tin        | 118-1 | 1383     | 1475     | 1633     | 1497     | 8.45   | cps   |
| Titanium   | 47-1  | 1125     | 1058     | 1250     | 1145     | 8.50   | cps   |
| Uranium    | 238-1 | 333      | 500      | 417      | 417      | 20.00  | cps   |
| Vanadium   | 51-2  | 273      | 337      | 323      | 311      | 10.73  | cps   |
| Yttrium    | 89-1  | 12365388 | 12038403 | 12353755 | 12252515 | 1.51   | cps   |
| Yttrium    | 89-2  | 2062746  | 2054418  | 2069880  | 2062348  | 0.38   | cps   |
| Zinc       | 66-2  | 424221   | 424868   | 425047   | 424712   | 0.10   | cps   |
| Zirconium  | 90-1  | 1467     | 1350     | 1250     | 1356     | 8.00   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-17-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:49:54  | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 258  | 225  | 261     | 14.39  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-18 Instrumnet Name : P7  
 Client Sample ID : DC16740-18-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:53:19 DataFile Name : 086SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1383     | 1484     | 1600     | 1489     | 7.28   | cps   |
| Antimony   | 121-1 | 2700     | 2817     | 2750     | 2756     | 2.12   | cps   |
| Arsenic    | 75-2  | 244      | 241      | 233      | 240      | 2.36   | cps   |
| Barium     | 135-1 | 57787    | 58189    | 59746    | 58574    | 1.77   | cps   |
| Barium     | 137-1 | 101167   | 99060    | 101410   | 100546   | 1.29   | cps   |
| Beryllium  | 9-1   | 61       | 11       | 33       | 35       | 71.20  | cps   |
| Bismuth    | 209-1 | 9168348  | 9197735  | 8998368  | 9121483  | 1.18   | cps   |
| Bismuth    | 209-2 | 6204733  | 6055271  | 6047491  | 6102499  | 1.45   | cps   |
| Boron      | 10-1  | 1583     | 1775     | 1875     | 1745     | 8.50   | cps   |
| Boron      | 11-1  | 9053     | 9078     | 9979     | 9370     | 5.63   | cps   |
| Cadmium    | 111-1 | 2683     | 2847     | 2862     | 2797     | 3.54   | cps   |
| Cadmium    | 106-1 | 3842     | 4034     | 4067     | 3981     | 3.05   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 21       | 21       | 0.00   | cps   |
| Calcium    | 43-1  | 259031   | 258208   | 255693   | 257644   | 0.68   | cps   |
| Calcium    | 44-1  | 4261176  | 4310218  | 4289521  | 4286972  | 0.57   | cps   |
| Chromium   | 52-2  | 2000     | 1813     | 1890     | 1901     | 4.94   | cps   |
| Cobalt     | 59-2  | 183      | 230      | 267      | 227      | 18.43  | cps   |
| Copper     | 63-2  | 1524402  | 1535276  | 1528013  | 1529230  | 0.36   | cps   |
| Dysprosium | 156-1 | 117      | 58       | 83       | 86       | 33.98  | cps   |
| Dysprosium | 156-2 | 60       | 47       | 53       | 53       | 12.50  | cps   |
| Erbium     | 164-1 | 142      | 67       | 192      | 133      | 47.19  | cps   |
| Erbium     | 164-2 | 57       | 53       | 87       | 66       | 28.01  | cps   |
| Gadolinium | 160-1 | 275      | 225      | 167      | 222      | 24.40  | cps   |
| Gadolinium | 160-2 | 133      | 130      | 177      | 147      | 17.75  | cps   |
| Holmium    | 165-1 | 14212046 | 14152343 | 14114166 | 14159518 | 0.35   | cps   |
| Holmium    | 165-2 | 8110167  | 7876512  | 7854812  | 7947163  | 1.78   | cps   |
| Indium     | 115-1 | 11344433 | 11352636 | 11208145 | 11301738 | 0.72   | cps   |
| Indium     | 115-2 | 2603184  | 2563915  | 2558650  | 2575250  | 0.94   | cps   |
| Iron       | 56-2  | 135583   | 139957   | 140095   | 138545   | 1.85   | cps   |
| Iron       | 57-2  | 4317     | 4273     | 4306     | 4299     | 0.54   | cps   |
| Lead       | 206-1 | 4156     | 4017     | 3834     | 4003     | 4.04   | cps   |
| Lead       | 207-1 | 3445     | 3278     | 3178     | 3301     | 4.08   | cps   |
| Lead       | 208-1 | 15604    | 15526    | 15065    | 15398    | 1.89   | cps   |
| Lithium    | 6-1   | 2001068  | 1995866  | 2005577  | 2000837  | 0.24   | cps   |
| Magnesium  | 24-2  | 423153   | 424990   | 420633   | 422925   | 0.52   | cps   |
| Manganese  | 55-2  | 43518    | 43558    | 43471    | 43515    | 0.10   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-18 Instrumnet Name : P7  
 Client Sample ID : DC16740-18-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 20:53:19 DataFile Name : 086SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 525      | 642      | 611      | 12.37  | cps   |
| Molybdenum | 95-1  | 367      | 325      | 325      | 339      | 7.10   | cps   |
| Molybdenum | 96-1  | 408      | 433      | 367      | 403      | 8.36   | cps   |
| Molybdenum | 97-1  | 383      | 267      | 217      | 289      | 29.61  | cps   |
| Molybdenum | 98-1  | 542      | 533      | 500      | 525      | 4.20   | cps   |
| Neodymium  | 150-1 | 80       | 67       | 73       | 73       | 9.09   | cps   |
| Neodymium  | 150-2 | 30       | 13       | 43       | 29       | 52.03  | cps   |
| Nickel     | 60-2  | 4511     | 4761     | 4361     | 4544     | 4.45   | cps   |
| Phosphorus | 31-2  | 6935     | 6668     | 7035     | 6880     | 2.76   | cps   |
| Potassium  | 39-2  | 247921   | 247296   | 245716   | 246978   | 0.46   | cps   |
| Rhodium    | 103-1 | 11045743 | 10855763 | 10711218 | 10870908 | 1.54   | cps   |
| Rhodium    | 103-2 | 5568967  | 5488420  | 5473834  | 5510407  | 0.93   | cps   |
| Scandium   | 45-1  | 7589881  | 7622885  | 7502150  | 7571639  | 0.82   | cps   |
| Scandium   | 45-2  | 414629   | 404955   | 405613   | 408399   | 1.32   | cps   |
| Selenium   | 77-2  | 13       | 0        | 3        | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 109      | 122      | 137      | 123      | 11.32  | cps   |
| Selenium   | 82-1  | 245      | 298      | 111      | 218      | 44.05  | cps   |
| Silicon    | 28-1  | 9562290  | 9628246  | 9510617  | 9567051  | 0.62   | cps   |
| Silver     | 109-1 | 267      | 325      | 233      | 275      | 16.87  | cps   |
| Silver     | 107-1 | 375      | 292      | 375      | 347      | 13.86  | cps   |
| Sodium     | 23-2  | 7225613  | 7199857  | 7191981  | 7205817  | 0.24   | cps   |
| Strontium  | 86-1  | 93680    | 93671    | 93746    | 93699    | 0.04   | cps   |
| Strontium  | 88-1  | 804010   | 798774   | 804755   | 802513   | 0.41   | cps   |
| Sulfur     | 34-1  | 820330   | 812700   | 819539   | 817523   | 0.51   | cps   |
| Terbium    | 159-1 | 14471565 | 14615592 | 14382846 | 14490001 | 0.81   | cps   |
| Terbium    | 159-2 | 8032780  | 7755881  | 7843528  | 7877396  | 1.80   | cps   |
| Thallium   | 203-1 | 183      | 233      | 283      | 233      | 21.43  | cps   |
| Thallium   | 205-1 | 633      | 500      | 650      | 594      | 13.83  | cps   |
| Tin        | 118-1 | 1042     | 683      | 742      | 822      | 23.38  | cps   |
| Titanium   | 47-1  | 1500     | 1075     | 1350     | 1308     | 16.48  | cps   |
| Uranium    | 238-1 | 550      | 608      | 617      | 592      | 6.14   | cps   |
| Vanadium   | 51-2  | 317      | 360      | 350      | 342      | 6.63   | cps   |
| Yttrium    | 89-1  | 12088877 | 12045498 | 11947569 | 12027315 | 0.60   | cps   |
| Yttrium    | 89-2  | 2081361  | 2063670  | 2041203  | 2062078  | 0.98   | cps   |
| Zinc       | 66-2  | 21222    | 20661    | 20635    | 20839    | 1.59   | cps   |
| Zirconium  | 90-1  | 1333     | 1509     | 1583     | 1475     | 8.70   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-18-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:53:19  | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 258  | 267  | 261     | 1.84   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-19-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:56:45  | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1200     | 950      | 1117     | 1089     | 11.69  | cps   |
| Antimony   | 121-1 | 5335     | 5235     | 5393     | 5321     | 1.51   | cps   |
| Arsenic    | 75-2  | 185      | 200      | 222      | 202      | 9.21   | cps   |
| Barium     | 135-1 | 61077    | 62776    | 62165    | 62006    | 1.39   | cps   |
| Barium     | 137-1 | 107127   | 107061   | 106750   | 106979   | 0.19   | cps   |
| Beryllium  | 9-1   | 39       | 72       | 44       | 52       | 34.44  | cps   |
| Bismuth    | 209-1 | 9160673  | 9089238  | 9146349  | 9132087  | 0.41   | cps   |
| Bismuth    | 209-2 | 6114453  | 6419551  | 6279843  | 6271283  | 2.44   | cps   |
| Boron      | 10-1  | 1917     | 1875     | 2025     | 1939     | 3.99   | cps   |
| Boron      | 11-1  | 8978     | 8945     | 9395     | 9106     | 2.76   | cps   |
| Cadmium    | 111-1 | 3138     | 2856     | 2816     | 2937     | 5.97   | cps   |
| Cadmium    | 106-1 | 4426     | 3992     | 3992     | 4137     | 6.05   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 42       | 29       | 37.81  | cps   |
| Calcium    | 43-1  | 267065   | 262241   | 267086   | 265464   | 1.05   | cps   |
| Calcium    | 44-1  | 4363875  | 4371980  | 4383085  | 4372980  | 0.22   | cps   |
| Chromium   | 52-2  | 1790     | 2097     | 1737     | 1875     | 10.37  | cps   |
| Cobalt     | 59-2  | 187      | 130      | 173      | 163      | 18.14  | cps   |
| Copper     | 63-2  | 1404845  | 1420822  | 1428297  | 1417988  | 0.84   | cps   |
| Dysprosium | 156-1 | 25       | 50       | 58       | 44       | 39.04  | cps   |
| Dysprosium | 156-2 | 37       | 27       | 23       | 29       | 24.03  | cps   |
| Erbium     | 164-1 | 67       | 83       | 42       | 64       | 32.83  | cps   |
| Erbium     | 164-2 | 47       | 37       | 37       | 40       | 14.43  | cps   |
| Gadolinium | 160-1 | 208      | 133      | 175      | 172      | 21.82  | cps   |
| Gadolinium | 160-2 | 173      | 190      | 160      | 174      | 8.62   | cps   |
| Holmium    | 165-1 | 14365092 | 14121069 | 14267287 | 14251149 | 0.86   | cps   |
| Holmium    | 165-2 | 7941087  | 8198516  | 8084870  | 8074824  | 1.60   | cps   |
| Indium     | 115-1 | 11647706 | 11493868 | 11565685 | 11569086 | 0.67   | cps   |
| Indium     | 115-2 | 2574911  | 2658278  | 2631450  | 2621546  | 1.62   | cps   |
| Iron       | 56-2  | 78979    | 78075    | 80794    | 79283    | 1.75   | cps   |
| Iron       | 57-2  | 2711     | 2784     | 2723     | 2739     | 1.42   | cps   |
| Lead       | 206-1 | 2056     | 2172     | 2061     | 2097     | 3.14   | cps   |
| Lead       | 207-1 | 1750     | 1767     | 1922     | 1813     | 5.24   | cps   |
| Lead       | 208-1 | 8324     | 8046     | 8335     | 8235     | 1.99   | cps   |
| Lithium    | 6-1   | 2036086  | 1996433  | 2053689  | 2028736  | 1.45   | cps   |
| Magnesium  | 24-2  | 455960   | 460746   | 458790   | 458499   | 0.52   | cps   |
| Manganese  | 55-2  | 19880    | 19837    | 19236    | 19651    | 1.83   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-19-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:56:45  | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 617      | 700      | 658      | 6.33   | cps   |
| Molybdenum | 95-1  | 308      | 292      | 442      | 347      | 23.68  | cps   |
| Molybdenum | 96-1  | 483      | 458      | 517      | 486      | 6.02   | cps   |
| Molybdenum | 97-1  | 275      | 308      | 317      | 300      | 7.35   | cps   |
| Molybdenum | 98-1  | 517      | 525      | 567      | 536      | 5.00   | cps   |
| Neodymium  | 150-1 | 53       | 47       | 47       | 49       | 7.88   | cps   |
| Neodymium  | 150-2 | 20       | 13       | 3        | 12       | 68.66  | cps   |
| Nickel     | 60-2  | 6888     | 6915     | 6928     | 6911     | 0.30   | cps   |
| Phosphorus | 31-2  | 6460     | 6151     | 6318     | 6310     | 2.45   | cps   |
| Potassium  | 39-2  | 270981   | 273100   | 267342   | 270474   | 1.08   | cps   |
| Rhodium    | 103-1 | 10878674 | 10815178 | 10779655 | 10824502 | 0.46   | cps   |
| Rhodium    | 103-2 | 5523992  | 5688361  | 5639523  | 5617292  | 1.50   | cps   |
| Scandium   | 45-1  | 7738319  | 7629207  | 7658853  | 7675460  | 0.74   | cps   |
| Scandium   | 45-2  | 404846   | 427519   | 413772   | 415379   | 2.75   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 113      | 144      | 109      | 122      | 15.82  | cps   |
| Selenium   | 82-1  | 304      | 259      | 323      | 295      | 11.21  | cps   |
| Silicon    | 28-1  | 9841490  | 9828504  | 9936594  | 9868863  | 0.60   | cps   |
| Silver     | 109-1 | 342      | 333      | 408      | 361      | 11.38  | cps   |
| Silver     | 107-1 | 542      | 508      | 492      | 514      | 4.96   | cps   |
| Sodium     | 23-2  | 7660658  | 7699875  | 7659318  | 7673284  | 0.30   | cps   |
| Strontium  | 86-1  | 96674    | 97396    | 96019    | 96696    | 0.71   | cps   |
| Strontium  | 88-1  | 824551   | 829013   | 822728   | 825431   | 0.39   | cps   |
| Sulfur     | 34-1  | 832962   | 827172   | 830003   | 830046   | 0.35   | cps   |
| Terbium    | 159-1 | 14895206 | 14728538 | 14770626 | 14798124 | 0.59   | cps   |
| Terbium    | 159-2 | 8038588  | 8295727  | 8011884  | 8115400  | 1.93   | cps   |
| Thallium   | 203-1 | 300      | 250      | 183      | 244      | 23.95  | cps   |
| Thallium   | 205-1 | 658      | 542      | 467      | 556      | 17.39  | cps   |
| Tin        | 118-1 | 850      | 1293     | 683      | 942      | 33.46  | cps   |
| Titanium   | 47-1  | 1025     | 1092     | 1283     | 1133     | 11.83  | cps   |
| Uranium    | 238-1 | 417      | 358      | 517      | 431      | 18.60  | cps   |
| Vanadium   | 51-2  | 257      | 310      | 310      | 292      | 10.54  | cps   |
| Yttrium    | 89-1  | 12009484 | 12040085 | 12065390 | 12038320 | 0.23   | cps   |
| Yttrium    | 89-2  | 2073391  | 2116737  | 2094817  | 2094982  | 1.03   | cps   |
| Zinc       | 66-2  | 152533   | 153022   | 153954   | 153170   | 0.47   | cps   |
| Zirconium  | 90-1  | 1375     | 1375     | 1609     | 1453     | 9.27   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-19-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 20:56:45  | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 217  | 367  | 297     | 25.44  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:00:10 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 600      | 658      | 792      | 683      | 14.38  | cps   |
| Antimony   | 121-1 | 100      | 108      | 142      | 117      | 18.89  | cps   |
| Arsenic    | 75-2  | 22       | 19       | 15       | 19       | 19.98  | cps   |
| Barium     | 135-1 | 100      | 100      | 167      | 122      | 31.49  | cps   |
| Barium     | 137-1 | 217      | 208      | 208      | 211      | 2.28   | cps   |
| Beryllium  | 9-1   | 28       | 50       | 33       | 37       | 31.22  | cps   |
| Bismuth    | 209-1 | 9079153  | 8758376  | 8539952  | 8792494  | 3.08   | cps   |
| Bismuth    | 209-2 | 5925336  | 6117352  | 5916095  | 5986261  | 1.90   | cps   |
| Boron      | 10-1  | 433      | 375      | 508      | 439      | 15.23  | cps   |
| Boron      | 11-1  | 2242     | 2009     | 1984     | 2078     | 6.86   | cps   |
| Cadmium    | 111-1 | 2820     | 2889     | 2853     | 2854     | 1.21   | cps   |
| Cadmium    | 106-1 | 4009     | 4126     | 4092     | 4076     | 1.47   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Calcium    | 43-1  | 308      | 375      | 342      | 342      | 9.76   | cps   |
| Calcium    | 44-1  | 24454    | 24471    | 25014    | 24647    | 1.29   | cps   |
| Chromium   | 52-2  | 1810     | 1890     | 1907     | 1869     | 2.76   | cps   |
| Cobalt     | 59-2  | 67       | 77       | 97       | 80       | 19.09  | cps   |
| Copper     | 63-2  | 1787     | 1773     | 1723     | 1761     | 1.90   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Erbium     | 164-1 | 50       | 67       | 50       | 56       | 17.32  | cps   |
| Erbium     | 164-2 | 13       | 20       | 13       | 16       | 24.76  | cps   |
| Gadolinium | 160-1 | 125      | 175      | 158      | 153      | 16.66  | cps   |
| Gadolinium | 160-2 | 143      | 173      | 123      | 147      | 17.16  | cps   |
| Holmium    | 165-1 | 13918774 | 13499996 | 13230095 | 13549621 | 2.56   | cps   |
| Holmium    | 165-2 | 7700142  | 7914939  | 7680876  | 7765319  | 1.67   | cps   |
| Indium     | 115-1 | 11330156 | 10940199 | 10726171 | 10998842 | 2.78   | cps   |
| Indium     | 115-2 | 2507269  | 2555836  | 2490951  | 2518019  | 1.34   | cps   |
| Iron       | 56-2  | 9526     | 9342     | 9320     | 9396     | 1.20   | cps   |
| Iron       | 57-2  | 367      | 389      | 494      | 417      | 16.39  | cps   |
| Lead       | 206-1 | 5372627  | 5400768  | 5474159  | 5415851  | 0.97   | cps   |
| Lead       | 207-1 | 4814267  | 4854710  | 4903376  | 4857451  | 0.92   | cps   |
| Lead       | 208-1 | 21897212 | 22117540 | 22271287 | 22095346 | 0.85   | cps   |
| Lithium    | 6-1   | 1977414  | 1928446  | 1891806  | 1932555  | 2.22   | cps   |
| Magnesium  | 24-2  | 392      | 408      | 425      | 408      | 4.08   | cps   |
| Manganese  | 55-2  | 93       | 123      | 60       | 92       | 34.36  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:00:10 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 367      | 283      | 325      | 325      | 12.82  | cps   |
| Molybdenum | 95-1  | 158      | 150      | 150      | 153      | 3.15   | cps   |
| Molybdenum | 96-1  | 217      | 217      | 250      | 228      | 8.45   | cps   |
| Molybdenum | 97-1  | 142      | 200      | 192      | 178      | 17.75  | cps   |
| Molybdenum | 98-1  | 225      | 200      | 233      | 219      | 7.90   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 103      | 103      | 63       | 90       | 25.67  | cps   |
| Phosphorus | 31-2  | 175      | 200      | 267      | 214      | 22.15  | cps   |
| Potassium  | 39-2  | 64157    | 63688    | 63253    | 63699    | 0.71   | cps   |
| Rhodium    | 103-1 | 10736788 | 10612332 | 10179818 | 10509646 | 2.78   | cps   |
| Rhodium    | 103-2 | 5419445  | 5528010  | 5371450  | 5439635  | 1.47   | cps   |
| Scandium   | 45-1  | 7485539  | 7421476  | 7197047  | 7368021  | 2.06   | cps   |
| Scandium   | 45-2  | 388504   | 413572   | 399471   | 400516   | 3.14   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 126      | 111      | 124      | 120      | 6.71   | cps   |
| Selenium   | 82-1  | 116      | 171      | 141      | 143      | 19.19  | cps   |
| Silicon    | 28-1  | 669911   | 662464   | 662273   | 664883   | 0.66   | cps   |
| Silver     | 109-1 | 167      | 108      | 158      | 144      | 21.84  | cps   |
| Silver     | 107-1 | 183      | 167      | 125      | 158      | 18.97  | cps   |
| Sodium     | 23-2  | 48454    | 48496    | 48680    | 48543    | 0.25   | cps   |
| Strontium  | 86-1  | 1500     | 1742     | 1642     | 1628     | 7.46   | cps   |
| Strontium  | 88-1  | 792      | 625      | 558      | 658      | 18.26  | cps   |
| Sulfur     | 34-1  | 757208   | 755351   | 764850   | 759137   | 0.66   | cps   |
| Terbium    | 159-1 | 14408962 | 14308825 | 13829639 | 14182476 | 2.18   | cps   |
| Terbium    | 159-2 | 7693384  | 7797303  | 7694350  | 7728346  | 0.77   | cps   |
| Thallium   | 203-1 | 283      | 258      | 267      | 269      | 4.72   | cps   |
| Thallium   | 205-1 | 592      | 500      | 692      | 594      | 16.13  | cps   |
| Tin        | 118-1 | 1008     | 1242     | 1167     | 1139     | 10.46  | cps   |
| Titanium   | 47-1  | 167      | 267      | 242      | 225      | 23.13  | cps   |
| Uranium    | 238-1 | 292      | 250      | 242      | 261      | 10.26  | cps   |
| Vanadium   | 51-2  | 40       | 33       | 50       | 41       | 20.41  | cps   |
| Yttrium    | 89-1  | 11652646 | 11585780 | 11227751 | 11488726 | 1.99   | cps   |
| Yttrium    | 89-2  | 2010177  | 2043658  | 1990116  | 2014651  | 1.34   | cps   |
| Zinc       | 66-2  | 310      | 343      | 357      | 337      | 7.14   | cps   |
| Zirconium  | 90-1  | 750      | 767      | 742      | 753      | 1.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:00:10 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 125  | 100  | 131     | 25.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:03:35 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 133      | 117      | 117      | 14.29  | cps   |
| Antimony   | 121-1 | 100      | 92       | 150      | 114      | 27.70  | cps   |
| Arsenic    | 75-2  | 9        | 15       | 20       | 15       | 37.50  | cps   |
| Barium     | 135-1 | 75       | 125      | 108      | 103      | 24.77  | cps   |
| Barium     | 137-1 | 175      | 167      | 133      | 158      | 13.93  | cps   |
| Beryllium  | 9-1   | 33       | 44       | 22       | 33       | 33.35  | cps   |
| Bismuth    | 209-1 | 9049232  | 8722761  | 8707112  | 8826368  | 2.19   | cps   |
| Bismuth    | 209-2 | 5812322  | 5853214  | 5746363  | 5803966  | 0.93   | cps   |
| Boron      | 10-1  | 300      | 358      | 275      | 311      | 13.75  | cps   |
| Boron      | 11-1  | 1550     | 1525     | 1433     | 1503     | 4.09   | cps   |
| Cadmium    | 111-1 | 2766     | 2751     | 2780     | 2765     | 0.53   | cps   |
| Cadmium    | 106-1 | 3976     | 3942     | 3976     | 3965     | 0.49   | cps   |
| Cadmium    | 108-1 | 25       | 25       | 17       | 22       | 21.64  | cps   |
| Calcium    | 43-1  | 217      | 325      | 267      | 269      | 20.12  | cps   |
| Calcium    | 44-1  | 23378    | 22343    | 22610    | 22777    | 2.36   | cps   |
| Chromium   | 52-2  | 1897     | 1843     | 1917     | 1886     | 2.01   | cps   |
| Cobalt     | 59-2  | 70       | 67       | 57       | 64       | 10.76  | cps   |
| Copper     | 63-2  | 1430     | 1660     | 1733     | 1608     | 9.84   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 10       | 7        | 86.60  | cps   |
| Erbium     | 164-1 | 67       | 67       | 25       | 53       | 45.58  | cps   |
| Erbium     | 164-2 | 23       | 27       | 33       | 28       | 18.33  | cps   |
| Gadolinium | 160-1 | 192      | 167      | 108      | 156      | 27.49  | cps   |
| Gadolinium | 160-2 | 113      | 167      | 150      | 143      | 19.03  | cps   |
| Holmium    | 165-1 | 13696961 | 13308555 | 13538249 | 13514588 | 1.44   | cps   |
| Holmium    | 165-2 | 7605245  | 7586112  | 7596985  | 7596114  | 0.13   | cps   |
| Indium     | 115-1 | 11087277 | 10963851 | 10998118 | 11016415 | 0.58   | cps   |
| Indium     | 115-2 | 2449934  | 2460691  | 2425153  | 2445259  | 0.75   | cps   |
| Iron       | 56-2  | 7385     | 7108     | 7241     | 7245     | 1.92   | cps   |
| Iron       | 57-2  | 350      | 344      | 378      | 357      | 5.00   | cps   |
| Lead       | 206-1 | 1267     | 1183     | 1133     | 1195     | 5.64   | cps   |
| Lead       | 207-1 | 950      | 989      | 1072     | 1004     | 6.22   | cps   |
| Lead       | 208-1 | 4845     | 4589     | 4589     | 4675     | 3.16   | cps   |
| Lithium    | 6-1   | 1948944  | 1926254  | 1924368  | 1933189  | 0.71   | cps   |
| Magnesium  | 24-2  | 408      | 458      | 342      | 403      | 14.53  | cps   |
| Manganese  | 55-2  | 50       | 53       | 30       | 44       | 28.39  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:03:35 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 217      | 225      | 242      | 228      | 5.59   | cps   |
| Molybdenum | 95-1  | 42       | 58       | 42       | 47       | 20.38  | cps   |
| Molybdenum | 96-1  | 117      | 83       | 175      | 125      | 37.12  | cps   |
| Molybdenum | 97-1  | 142      | 125      | 108      | 125      | 13.33  | cps   |
| Molybdenum | 98-1  | 50       | 67       | 117      | 78       | 44.61  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 90       | 53       | 110      | 84       | 34.04  | cps   |
| Phosphorus | 31-2  | 225      | 275      | 233      | 244      | 10.96  | cps   |
| Potassium  | 39-2  | 61871    | 60934    | 60993    | 61266    | 0.86   | cps   |
| Rhodium    | 103-1 | 10551434 | 10222075 | 10394838 | 10389449 | 1.59   | cps   |
| Rhodium    | 103-2 | 5270010  | 5294788  | 5250061  | 5271620  | 0.43   | cps   |
| Scandium   | 45-1  | 7332094  | 7234140  | 7205527  | 7257254  | 0.91   | cps   |
| Scandium   | 45-2  | 388056   | 385694   | 385990   | 386580   | 0.33   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 124      | 120      | 143      | 129      | 9.23   | cps   |
| Selenium   | 82-1  | 350      | 62       | 160      | 191      | 76.68  | cps   |
| Silicon    | 28-1  | 636979   | 640751   | 642913   | 640214   | 0.47   | cps   |
| Silver     | 109-1 | 125      | 92       | 67       | 94       | 30.99  | cps   |
| Silver     | 107-1 | 125      | 117      | 125      | 122      | 3.94   | cps   |
| Sodium     | 23-2  | 47593    | 47284    | 48246    | 47708    | 1.03   | cps   |
| Strontium  | 86-1  | 1550     | 1567     | 1667     | 1595     | 3.96   | cps   |
| Strontium  | 88-1  | 408      | 458      | 408      | 425      | 6.79   | cps   |
| Sulfur     | 34-1  | 744558   | 748204   | 747415   | 746726   | 0.26   | cps   |
| Terbium    | 159-1 | 13834906 | 13898610 | 13957565 | 13897027 | 0.44   | cps   |
| Terbium    | 159-2 | 7519521  | 7652532  | 7560614  | 7577556  | 0.90   | cps   |
| Thallium   | 203-1 | 108      | 125      | 100      | 111      | 11.46  | cps   |
| Thallium   | 205-1 | 308      | 342      | 275      | 308      | 10.81  | cps   |
| Tin        | 118-1 | 1100     | 992      | 1083     | 1058     | 5.51   | cps   |
| Titanium   | 47-1  | 292      | 183      | 233      | 236      | 22.96  | cps   |
| Uranium    | 238-1 | 33       | 75       | 58       | 56       | 37.75  | cps   |
| Vanadium   | 51-2  | 27       | 7        | 10       | 14       | 74.18  | cps   |
| Yttrium    | 89-1  | 11644301 | 11415245 | 11375443 | 11478330 | 1.26   | cps   |
| Yttrium    | 89-2  | 1950474  | 1967576  | 1953642  | 1957231  | 0.46   | cps   |
| Zinc       | 66-2  | 250      | 323      | 270      | 281      | 13.48  | cps   |
| Zirconium  | 90-1  | 725      | 692      | 633      | 683      | 6.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB89               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB89               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:03:35 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 192  | 192  | 183     | 7.87   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-20 Instrumnet Name : P7  
 Client Sample ID : DC16740-20-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:07:01 DataFile Name : 090SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1959     | 1759     | 1517     | 1745     | 12.68  | cps   |
| Antimony   | 121-1 | 917      | 858      | 867      | 881      | 3.58   | cps   |
| Arsenic    | 75-2  | 167      | 228      | 157      | 184      | 20.79  | cps   |
| Barium     | 135-1 | 58574    | 60006    | 58348    | 58976    | 1.52   | cps   |
| Barium     | 137-1 | 101504   | 103418   | 100445   | 101789   | 1.48   | cps   |
| Beryllium  | 9-1   | 39       | 22       | 33       | 31       | 26.96  | cps   |
| Bismuth    | 209-1 | 9035628  | 9016734  | 9103876  | 9052079  | 0.51   | cps   |
| Bismuth    | 209-2 | 5932508  | 6197141  | 6175982  | 6101877  | 2.41   | cps   |
| Boron      | 10-1  | 1550     | 1925     | 1850     | 1775     | 11.18  | cps   |
| Boron      | 11-1  | 8770     | 8953     | 9011     | 8911     | 1.42   | cps   |
| Cadmium    | 111-1 | 2966     | 2983     | 2926     | 2958     | 1.00   | cps   |
| Cadmium    | 106-1 | 4226     | 4251     | 4184     | 4220     | 0.80   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 17       | 18       | 35.25  | cps   |
| Calcium    | 43-1  | 261361   | 261186   | 261209   | 261252   | 0.04   | cps   |
| Calcium    | 44-1  | 4338247  | 4330111  | 4297709  | 4322022  | 0.50   | cps   |
| Chromium   | 52-2  | 1893     | 2017     | 1803     | 1905     | 5.62   | cps   |
| Cobalt     | 59-2  | 137      | 200      | 203      | 180      | 20.87  | cps   |
| Copper     | 63-2  | 824645   | 817936   | 826924   | 823168   | 0.57   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 100      | 72       | 33.30  | cps   |
| Dysprosium | 156-2 | 53       | 43       | 43       | 47       | 12.37  | cps   |
| Erbium     | 164-1 | 117      | 158      | 100      | 125      | 24.04  | cps   |
| Erbium     | 164-2 | 67       | 60       | 57       | 61       | 8.33   | cps   |
| Gadolinium | 160-1 | 133      | 283      | 192      | 203      | 37.29  | cps   |
| Gadolinium | 160-2 | 130      | 177      | 173      | 160      | 16.27  | cps   |
| Holmium    | 165-1 | 14348212 | 14228394 | 14116207 | 14230937 | 0.82   | cps   |
| Holmium    | 165-2 | 7832762  | 8090653  | 7998508  | 7973975  | 1.64   | cps   |
| Indium     | 115-1 | 11645664 | 11473771 | 11545183 | 11554873 | 0.75   | cps   |
| Indium     | 115-2 | 2536638  | 2624037  | 2623630  | 2594768  | 1.94   | cps   |
| Iron       | 56-2  | 113633   | 116400   | 151547   | 127193   | 16.62  | cps   |
| Iron       | 57-2  | 3595     | 3901     | 3695     | 3730     | 4.18   | cps   |
| Lead       | 206-1 | 2050     | 1761     | 1745     | 1852     | 9.28   | cps   |
| Lead       | 207-1 | 1511     | 1672     | 1689     | 1624     | 6.05   | cps   |
| Lead       | 208-1 | 7179     | 7301     | 7245     | 7242     | 0.85   | cps   |
| Lithium    | 6-1   | 2047530  | 2033637  | 2035031  | 2038733  | 0.38   | cps   |
| Magnesium  | 24-2  | 429718   | 424646   | 426938   | 427101   | 0.59   | cps   |
| Manganese  | 55-2  | 34300    | 34557    | 33548    | 34135    | 1.54   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-20 Instrumnet Name : P7  
 Client Sample ID : DC16740-20-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:07:01 DataFile Name : 090SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 808      | 708      | 767      | 6.79   | cps   |
| Molybdenum | 95-1  | 308      | 300      | 325      | 311      | 4.09   | cps   |
| Molybdenum | 96-1  | 517      | 467      | 517      | 500      | 5.77   | cps   |
| Molybdenum | 97-1  | 258      | 183      | 342      | 261      | 30.33  | cps   |
| Molybdenum | 98-1  | 533      | 667      | 442      | 547      | 20.68  | cps   |
| Neodymium  | 150-1 | 53       | 47       | 60       | 53       | 12.50  | cps   |
| Neodymium  | 150-2 | 33       | 20       | 23       | 26       | 27.15  | cps   |
| Nickel     | 60-2  | 843      | 737      | 747      | 776      | 7.60   | cps   |
| Phosphorus | 31-2  | 6893     | 7352     | 6769     | 7005     | 4.39   | cps   |
| Potassium  | 39-2  | 249570   | 249020   | 247318   | 248636   | 0.47   | cps   |
| Rhodium    | 103-1 | 11029596 | 10874620 | 10833219 | 10912478 | 0.95   | cps   |
| Rhodium    | 103-2 | 5412171  | 5545869  | 5628514  | 5528852  | 1.97   | cps   |
| Scandium   | 45-1  | 7691980  | 7514039  | 7524585  | 7576868  | 1.32   | cps   |
| Scandium   | 45-2  | 404191   | 414362   | 410517   | 409690   | 1.25   | cps   |
| Selenium   | 77-2  | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 115      | 117      | 100      | 110      | 8.27   | cps   |
| Selenium   | 82-1  | 218      | 213      | 347      | 259      | 29.29  | cps   |
| Silicon    | 28-1  | 9469309  | 9465136  | 9696345  | 9543597  | 1.39   | cps   |
| Silver     | 109-1 | 200      | 275      | 250      | 242      | 15.80  | cps   |
| Silver     | 107-1 | 208      | 292      | 258      | 253      | 16.59  | cps   |
| Sodium     | 23-2  | 7418104  | 7403977  | 7355655  | 7392579  | 0.44   | cps   |
| Strontium  | 86-1  | 95626    | 92909    | 95032    | 94522    | 1.51   | cps   |
| Strontium  | 88-1  | 828204   | 811857   | 808317   | 816126   | 1.30   | cps   |
| Sulfur     | 34-1  | 827904   | 838431   | 832144   | 832826   | 0.64   | cps   |
| Terbium    | 159-1 | 14896944 | 14725787 | 14610757 | 14744496 | 0.98   | cps   |
| Terbium    | 159-2 | 7864148  | 8126797  | 7902429  | 7964458  | 1.78   | cps   |
| Thallium   | 203-1 | 192      | 267      | 275      | 244      | 18.78  | cps   |
| Thallium   | 205-1 | 517      | 658      | 500      | 558      | 15.58  | cps   |
| Tin        | 118-1 | 625      | 642      | 617      | 628      | 2.03   | cps   |
| Titanium   | 47-1  | 950      | 1133     | 1267     | 1117     | 14.24  | cps   |
| Uranium    | 238-1 | 608      | 467      | 542      | 539      | 13.15  | cps   |
| Vanadium   | 51-2  | 337      | 307      | 340      | 328      | 5.60   | cps   |
| Yttrium    | 89-1  | 12174798 | 12069841 | 12068514 | 12104385 | 0.50   | cps   |
| Yttrium    | 89-2  | 2035657  | 2081033  | 2076728  | 2064472  | 1.21   | cps   |
| Zinc       | 66-2  | 5768     | 5681     | 5661     | 5703     | 0.99   | cps   |
| Zirconium  | 90-1  | 1825     | 1659     | 1617     | 1700     | 6.49   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-20-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:07:01  | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 367  | 342  | 361     | 4.80   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-21 Instrumnet Name : P7  
 Client Sample ID : DC16740-21-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:10:27 DataFile Name : 091SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 13240    | 13640    | 12548    | 13142    | 4.21   | cps   |
| Antimony   | 121-1 | 4376     | 4609     | 4701     | 4562     | 3.67   | cps   |
| Arsenic    | 75-2  | 226      | 241      | 252      | 240      | 5.43   | cps   |
| Barium     | 135-1 | 65556    | 65723    | 64953    | 65410    | 0.62   | cps   |
| Barium     | 137-1 | 114990   | 114410   | 113528   | 114310   | 0.64   | cps   |
| Beryllium  | 9-1   | 39       | 50       | 33       | 41       | 20.83  | cps   |
| Bismuth    | 209-1 | 9172743  | 9292900  | 9157625  | 9207756  | 0.81   | cps   |
| Bismuth    | 209-2 | 6002405  | 5871903  | 6048252  | 5974187  | 1.53   | cps   |
| Boron      | 10-1  | 2109     | 2250     | 2375     | 2245     | 5.94   | cps   |
| Boron      | 11-1  | 10921    | 11738    | 11180    | 11280    | 3.70   | cps   |
| Cadmium    | 111-1 | 3190     | 3824     | 3717     | 3577     | 9.49   | cps   |
| Cadmium    | 106-1 | 3684     | 4751     | 4434     | 4290     | 12.77  | cps   |
| Cadmium    | 108-1 | 163      | 204      | 196      | 188      | 11.76  | cps   |
| Calcium    | 43-1  | 263615   | 265188   | 264967   | 264590   | 0.32   | cps   |
| Calcium    | 44-1  | 4361790  | 4362688  | 4394474  | 4372984  | 0.43   | cps   |
| Chromium   | 52-2  | 1520     | 1860     | 1663     | 1681     | 10.15  | cps   |
| Cobalt     | 59-2  | 1383     | 1367     | 1410     | 1387     | 1.58   | cps   |
| Copper     | 63-2  | 1035581  | 1037329  | 1029000  | 1033970  | 0.42   | cps   |
| Dysprosium | 156-1 | 58       | 50       | 75       | 61       | 20.83  | cps   |
| Dysprosium | 156-2 | 33       | 37       | 53       | 41       | 26.06  | cps   |
| Erbium     | 164-1 | 117      | 100      | 142      | 119      | 17.56  | cps   |
| Erbium     | 164-2 | 53       | 37       | 60       | 50       | 24.03  | cps   |
| Gadolinium | 160-1 | 200      | 100      | 117      | 139      | 38.58  | cps   |
| Gadolinium | 160-2 | 157      | 163      | 143      | 154      | 6.59   | cps   |
| Holmium    | 165-1 | 13999145 | 13954954 | 13928283 | 13960794 | 0.26   | cps   |
| Holmium    | 165-2 | 7893199  | 7717658  | 7954174  | 7855011  | 1.56   | cps   |
| Indium     | 115-1 | 11440338 | 11607971 | 11380913 | 11476407 | 1.03   | cps   |
| Indium     | 115-2 | 2544705  | 2496570  | 2575013  | 2538763  | 1.56   | cps   |
| Iron       | 56-2  | 120593   | 122021   | 124090   | 122235   | 1.44   | cps   |
| Iron       | 57-2  | 3873     | 3934     | 3739     | 3849     | 2.58   | cps   |
| Lead       | 206-1 | 23777    | 24473    | 24345    | 24198    | 1.53   | cps   |
| Lead       | 207-1 | 20188    | 21050    | 20422    | 20553    | 2.17   | cps   |
| Lead       | 208-1 | 93224    | 95898    | 95012    | 94711    | 1.44   | cps   |
| Lithium    | 6-1   | 1997108  | 2012111  | 1998484  | 2002568  | 0.41   | cps   |
| Magnesium  | 24-2  | 443344   | 446906   | 439192   | 443147   | 0.87   | cps   |
| Manganese  | 55-2  | 52617    | 53902    | 51674    | 52731    | 2.12   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-21-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:10:27  | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 508      | 683      | 733      | 642      | 18.41  | cps   |
| Molybdenum | 95-1  | 375      | 367      | 342      | 361      | 4.80   | cps   |
| Molybdenum | 96-1  | 425      | 450      | 467      | 447      | 4.69   | cps   |
| Molybdenum | 97-1  | 317      | 208      | 342      | 289      | 24.53  | cps   |
| Molybdenum | 98-1  | 450      | 542      | 400      | 464      | 15.49  | cps   |
| Neodymium  | 150-1 | 80       | 80       | 40       | 67       | 34.64  | cps   |
| Neodymium  | 150-2 | 13       | 43       | 20       | 26       | 61.64  | cps   |
| Nickel     | 60-2  | 107944   | 107588   | 106225   | 107252   | 0.85   | cps   |
| Phosphorus | 31-2  | 5568     | 5493     | 5451     | 5504     | 1.07   | cps   |
| Potassium  | 39-2  | 259820   | 264187   | 258640   | 260882   | 1.12   | cps   |
| Rhodium    | 103-1 | 10771404 | 10775560 | 10888749 | 10811904 | 0.62   | cps   |
| Rhodium    | 103-2 | 5427050  | 5377283  | 5541630  | 5448654  | 1.55   | cps   |
| Scandium   | 45-1  | 7624995  | 7730977  | 7643985  | 7666653  | 0.74   | cps   |
| Scandium   | 45-2  | 403425   | 394420   | 389101   | 395649   | 1.83   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 128      | 117      | 128      | 124      | 5.17   | cps   |
| Selenium   | 82-1  | 344      | 252      | 360      | 319      | 18.38  | cps   |
| Silicon    | 28-1  | 10147942 | 10256893 | 10377870 | 10260902 | 1.12   | cps   |
| Silver     | 109-1 | 333      | 283      | 367      | 328      | 12.80  | cps   |
| Silver     | 107-1 | 408      | 433      | 500      | 447      | 10.60  | cps   |
| Sodium     | 23-2  | 7373770  | 7370462  | 7279893  | 7341375  | 0.73   | cps   |
| Strontium  | 86-1  | 96987    | 95685    | 96473    | 96381    | 0.68   | cps   |
| Strontium  | 88-1  | 825378   | 844657   | 847449   | 839161   | 1.43   | cps   |
| Sulfur     | 34-1  | 818619   | 830151   | 826680   | 825150   | 0.72   | cps   |
| Terbium    | 159-1 | 14487300 | 14812056 | 14780264 | 14693206 | 1.22   | cps   |
| Terbium    | 159-2 | 7789985  | 7739062  | 7895042  | 7808030  | 1.02   | cps   |
| Thallium   | 203-1 | 383      | 367      | 358      | 369      | 3.45   | cps   |
| Thallium   | 205-1 | 625      | 975      | 983      | 861      | 23.75  | cps   |
| Tin        | 118-1 | 282594   | 284108   | 287807   | 284836   | 0.94   | cps   |
| Titanium   | 47-1  | 892      | 1000     | 1175     | 1022     | 13.99  | cps   |
| Uranium    | 238-1 | 542      | 625      | 567      | 578      | 7.40   | cps   |
| Vanadium   | 51-2  | 227      | 250      | 267      | 248      | 8.11   | cps   |
| Yttrium    | 89-1  | 11721195 | 11993216 | 12110941 | 11941784 | 1.67   | cps   |
| Yttrium    | 89-2  | 2033345  | 2013528  | 2054210  | 2033694  | 1.00   | cps   |
| Zinc       | 66-2  | 2330132  | 2318471  | 2302342  | 2316982  | 0.60   | cps   |
| Zirconium  | 90-1  | 1634     | 1450     | 1492     | 1525     | 6.30   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-21-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:10:27  | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 300  | 333  | 308     | 7.15   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-22 Instrumnet Name : P7  
 Client Sample ID : DC16740-22-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:13:52 DataFile Name : 092SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19937    | 20644    | 20248    | 20277    | 1.75   | cps   |
| Antimony   | 121-1 | 1100     | 1242     | 1083     | 1142     | 7.62   | cps   |
| Arsenic    | 75-2  | 170      | 159      | 170      | 167      | 3.85   | cps   |
| Barium     | 135-1 | 55595    | 55988    | 56875    | 56153    | 1.17   | cps   |
| Barium     | 137-1 | 96996    | 98751    | 95805    | 97184    | 1.53   | cps   |
| Beryllium  | 9-1   | 39       | 44       | 33       | 39       | 14.30  | cps   |
| Bismuth    | 209-1 | 9227288  | 9090353  | 9030114  | 9115918  | 1.11   | cps   |
| Bismuth    | 209-2 | 6052699  | 6049585  | 6010330  | 6037538  | 0.39   | cps   |
| Boron      | 10-1  | 1867     | 1900     | 1959     | 1909     | 2.43   | cps   |
| Boron      | 11-1  | 9412     | 9745     | 9345     | 9501     | 2.26   | cps   |
| Cadmium    | 111-1 | 2864     | 2905     | 2711     | 2827     | 3.61   | cps   |
| Cadmium    | 106-1 | 4042     | 4101     | 3859     | 4001     | 3.15   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 33       | 18       | 81.02  | cps   |
| Calcium    | 43-1  | 260178   | 257615   | 257515   | 258436   | 0.58   | cps   |
| Calcium    | 44-1  | 4320094  | 4279584  | 4240490  | 4280056  | 0.93   | cps   |
| Chromium   | 52-2  | 1890     | 1707     | 1783     | 1793     | 5.13   | cps   |
| Cobalt     | 59-2  | 273      | 313      | 253      | 280      | 10.91  | cps   |
| Copper     | 63-2  | 1134849  | 1138914  | 1150338  | 1141367  | 0.70   | cps   |
| Dysprosium | 156-1 | 75       | 50       | 83       | 69       | 24.98  | cps   |
| Dysprosium | 156-2 | 53       | 40       | 37       | 43       | 20.34  | cps   |
| Erbium     | 164-1 | 142      | 117      | 142      | 133      | 10.83  | cps   |
| Erbium     | 164-2 | 67       | 53       | 40       | 53       | 25.00  | cps   |
| Gadolinium | 160-1 | 183      | 200      | 200      | 194      | 4.95   | cps   |
| Gadolinium | 160-2 | 120      | 143      | 170      | 144      | 17.32  | cps   |
| Holmium    | 165-1 | 14345465 | 14138177 | 14132185 | 14205276 | 0.85   | cps   |
| Holmium    | 165-2 | 7925878  | 7980408  | 7981282  | 7962523  | 0.40   | cps   |
| Indium     | 115-1 | 11608955 | 11514001 | 11352169 | 11491708 | 1.13   | cps   |
| Indium     | 115-2 | 2558646  | 2549197  | 2549673  | 2552506  | 0.21   | cps   |
| Iron       | 56-2  | 112945   | 118983   | 116458   | 116129   | 2.61   | cps   |
| Iron       | 57-2  | 3667     | 3823     | 3867     | 3786     | 2.77   | cps   |
| Lead       | 206-1 | 2584     | 2728     | 2773     | 2695     | 3.67   | cps   |
| Lead       | 207-1 | 2022     | 2084     | 2317     | 2141     | 7.26   | cps   |
| Lead       | 208-1 | 9913     | 10152    | 10457    | 10174    | 2.68   | cps   |
| Lithium    | 6-1   | 2027903  | 2004689  | 1962764  | 1998452  | 1.65   | cps   |
| Magnesium  | 24-2  | 430066   | 430719   | 435116   | 431967   | 0.64   | cps   |
| Manganese  | 55-2  | 32306    | 32075    | 33665    | 32682    | 2.63   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-22-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:13:52  | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 650      | 708      | 1034     | 798      | 25.97  | cps   |
| Molybdenum | 95-1  | 283      | 233      | 250      | 256      | 9.96   | cps   |
| Molybdenum | 96-1  | 558      | 442      | 383      | 461      | 19.32  | cps   |
| Molybdenum | 97-1  | 267      | 267      | 275      | 269      | 1.79   | cps   |
| Molybdenum | 98-1  | 467      | 533      | 350      | 450      | 20.62  | cps   |
| Neodymium  | 150-1 | 60       | 80       | 73       | 71       | 14.32  | cps   |
| Neodymium  | 150-2 | 20       | 23       | 27       | 23       | 14.29  | cps   |
| Nickel     | 60-2  | 2654     | 2560     | 2557     | 2590     | 2.12   | cps   |
| Phosphorus | 31-2  | 6443     | 6327     | 6243     | 6338     | 1.59   | cps   |
| Potassium  | 39-2  | 254844   | 254174   | 254641   | 254553   | 0.14   | cps   |
| Rhodium    | 103-1 | 10966691 | 10933114 | 10758324 | 10886043 | 1.03   | cps   |
| Rhodium    | 103-2 | 5472452  | 5485540  | 5494211  | 5484067  | 0.20   | cps   |
| Scandium   | 45-1  | 7748609  | 7691492  | 7593317  | 7677806  | 1.02   | cps   |
| Scandium   | 45-2  | 405133   | 405431   | 404019   | 404861   | 0.18   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 128      | 130      | 126      | 3.89   | cps   |
| Selenium   | 82-1  | 288      | 290      | 286      | 288      | 0.60   | cps   |
| Silicon    | 28-1  | 9711639  | 9462539  | 9360050  | 9511409  | 1.90   | cps   |
| Silver     | 109-1 | 117      | 183      | 225      | 175      | 31.23  | cps   |
| Silver     | 107-1 | 183      | 308      | 258      | 250      | 25.17  | cps   |
| Sodium     | 23-2  | 7430378  | 7425225  | 7426228  | 7427277  | 0.04   | cps   |
| Strontium  | 86-1  | 94192    | 94200    | 93092    | 93828    | 0.68   | cps   |
| Strontium  | 88-1  | 811199   | 808512   | 804783   | 808165   | 0.40   | cps   |
| Sulfur     | 34-1  | 821777   | 820572   | 816730   | 819693   | 0.32   | cps   |
| Terbium    | 159-1 | 14965666 | 14631381 | 14596696 | 14731247 | 1.38   | cps   |
| Terbium    | 159-2 | 7982339  | 7844934  | 7933657  | 7920310  | 0.88   | cps   |
| Thallium   | 203-1 | 217      | 283      | 217      | 239      | 16.11  | cps   |
| Thallium   | 205-1 | 483      | 600      | 567      | 550      | 10.93  | cps   |
| Tin        | 118-1 | 4184     | 4368     | 4668     | 4406     | 5.54   | cps   |
| Titanium   | 47-1  | 1183     | 1133     | 1017     | 1111     | 7.69   | cps   |
| Uranium    | 238-1 | 408      | 525      | 533      | 489      | 14.30  | cps   |
| Vanadium   | 51-2  | 327      | 313      | 383      | 341      | 10.90  | cps   |
| Yttrium    | 89-1  | 12094347 | 12149811 | 11908612 | 12050924 | 1.05   | cps   |
| Yttrium    | 89-2  | 2050210  | 2061459  | 2068189  | 2059953  | 0.44   | cps   |
| Zinc       | 66-2  | 48437    | 47403    | 48370    | 48070    | 1.20   | cps   |
| Zirconium  | 90-1  | 1450     | 1575     | 1408     | 1478     | 5.87   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-22-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:13:52  | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 383  | 317  | 342     | 10.63  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-23 Instrumnet Name : P7  
 Client Sample ID : DC16740-23-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:17:17 DataFile Name : 093SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2092     | 1609     | 1767     | 1823     | 13.54  | cps   |
| Antimony   | 121-1 | 2234     | 2167     | 1984     | 2128     | 6.08   | cps   |
| Arsenic    | 75-2  | 193      | 189      | 183      | 188      | 2.48   | cps   |
| Barium     | 135-1 | 63035    | 62675    | 61302    | 62337    | 1.47   | cps   |
| Barium     | 137-1 | 106565   | 107035   | 106340   | 106646   | 0.33   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 44       | 35       | 24.12  | cps   |
| Bismuth    | 209-1 | 9266116  | 9315428  | 9008394  | 9196646  | 1.79   | cps   |
| Bismuth    | 209-2 | 5917646  | 6035196  | 6076349  | 6009730  | 1.37   | cps   |
| Boron      | 10-1  | 1909     | 1692     | 1909     | 1836     | 6.81   | cps   |
| Boron      | 11-1  | 9003     | 9387     | 9170     | 9186     | 2.09   | cps   |
| Cadmium    | 111-1 | 2943     | 2836     | 2549     | 2776     | 7.35   | cps   |
| Cadmium    | 106-1 | 4142     | 3951     | 3567     | 3887     | 7.54   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 33       | 22       | 47.18  | cps   |
| Calcium    | 43-1  | 260814   | 259139   | 262900   | 260951   | 0.72   | cps   |
| Calcium    | 44-1  | 4290924  | 4306770  | 4330705  | 4309466  | 0.46   | cps   |
| Chromium   | 52-2  | 1850     | 1833     | 1727     | 1803     | 3.71   | cps   |
| Cobalt     | 59-2  | 650      | 627      | 617      | 631      | 2.71   | cps   |
| Copper     | 63-2  | 897662   | 903139   | 902727   | 901176   | 0.34   | cps   |
| Dysprosium | 156-1 | 25       | 75       | 83       | 61       | 51.63  | cps   |
| Dysprosium | 156-2 | 37       | 37       | 37       | 37       | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 133      | 108      | 97       | 43.99  | cps   |
| Erbium     | 164-2 | 40       | 30       | 63       | 44       | 38.48  | cps   |
| Gadolinium | 160-1 | 267      | 217      | 150      | 211      | 27.72  | cps   |
| Gadolinium | 160-2 | 147      | 173      | 177      | 166      | 9.93   | cps   |
| Holmium    | 165-1 | 14352098 | 14516021 | 14222858 | 14363659 | 1.02   | cps   |
| Holmium    | 165-2 | 7898760  | 7945525  | 8072049  | 7972111  | 1.12   | cps   |
| Indium     | 115-1 | 11651640 | 11638670 | 11448885 | 11579732 | 0.98   | cps   |
| Indium     | 115-2 | 2523738  | 2592441  | 2572857  | 2563012  | 1.38   | cps   |
| Iron       | 56-2  | 852926   | 853046   | 869360   | 858444   | 1.10   | cps   |
| Iron       | 57-2  | 21700    | 22434    | 22011    | 22049    | 1.67   | cps   |
| Lead       | 206-1 | 29194    | 28615    | 28526    | 28778    | 1.26   | cps   |
| Lead       | 207-1 | 24317    | 23477    | 23438    | 23744    | 2.09   | cps   |
| Lead       | 208-1 | 111214   | 109734   | 109177   | 110041   | 0.96   | cps   |
| Lithium    | 6-1   | 2034673  | 2043293  | 2006940  | 2028302  | 0.94   | cps   |
| Magnesium  | 24-2  | 427169   | 431469   | 425722   | 428120   | 0.70   | cps   |
| Manganese  | 55-2  | 29420    | 29971    | 29316    | 29569    | 1.19   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-23 Instrumnet Name : P7  
 Client Sample ID : DC16740-23-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:17:17 DataFile Name : 093SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 625      | 608      | 550      | 594      | 6.62   | cps   |
| Molybdenum | 95-1  | 250      | 392      | 292      | 311      | 23.40  | cps   |
| Molybdenum | 96-1  | 350      | 2260     | 400      | 1003     | 108.50 | cps   |
| Molybdenum | 97-1  | 192      | 200      | 225      | 206      | 8.44   | cps   |
| Molybdenum | 98-1  | 467      | 417      | 458      | 447      | 5.99   | cps   |
| Neodymium  | 150-1 | 33       | 47       | 100      | 60       | 58.80  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 27       | 22       | 17.33  | cps   |
| Nickel     | 60-2  | 48811    | 49219    | 49898    | 49310    | 1.11   | cps   |
| Phosphorus | 31-2  | 6260     | 6218     | 6410     | 6296     | 1.60   | cps   |
| Potassium  | 39-2  | 249682   | 252445   | 252122   | 251417   | 0.60   | cps   |
| Rhodium    | 103-1 | 11056622 | 11022557 | 10792695 | 10957291 | 1.31   | cps   |
| Rhodium    | 103-2 | 5433120  | 5554880  | 5499168  | 5495723  | 1.11   | cps   |
| Scandium   | 45-1  | 7609698  | 7755394  | 7557333  | 7640808  | 1.34   | cps   |
| Scandium   | 45-2  | 402687   | 407942   | 407549   | 406059   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 131      | 93       | 135      | 120      | 19.70  | cps   |
| Selenium   | 82-1  | 353      | 381      | 357      | 364      | 4.16   | cps   |
| Silicon    | 28-1  | 9685058  | 9535407  | 9716390  | 9645618  | 1.00   | cps   |
| Silver     | 109-1 | 208      | 242      | 292      | 247      | 16.97  | cps   |
| Silver     | 107-1 | 250      | 267      | 250      | 256      | 3.77   | cps   |
| Sodium     | 23-2  | 7167161  | 7273284  | 7273064  | 7237836  | 0.85   | cps   |
| Strontium  | 86-1  | 97472    | 94024    | 96827    | 96108    | 1.91   | cps   |
| Strontium  | 88-1  | 836352   | 836544   | 824973   | 832623   | 0.80   | cps   |
| Sulfur     | 34-1  | 803568   | 797624   | 796037   | 799076   | 0.50   | cps   |
| Terbium    | 159-1 | 15036157 | 15013635 | 14687659 | 14912484 | 1.31   | cps   |
| Terbium    | 159-2 | 7930286  | 7954088  | 7995198  | 7959857  | 0.41   | cps   |
| Thallium   | 203-1 | 233      | 242      | 217      | 231      | 5.52   | cps   |
| Thallium   | 205-1 | 567      | 550      | 658      | 592      | 9.86   | cps   |
| Tin        | 118-1 | 1675     | 1809     | 1692     | 1725     | 4.21   | cps   |
| Titanium   | 47-1  | 1008     | 1259     | 1192     | 1153     | 11.23  | cps   |
| Uranium    | 238-1 | 408      | 425      | 333      | 389      | 12.56  | cps   |
| Vanadium   | 51-2  | 340      | 337      | 300      | 326      | 6.82   | cps   |
| Yttrium    | 89-1  | 12345881 | 12412766 | 11873674 | 12210774 | 2.41   | cps   |
| Yttrium    | 89-2  | 2033705  | 2085646  | 2059775  | 2059709  | 1.26   | cps   |
| Zinc       | 66-2  | 213947   | 219399   | 218525   | 217290   | 1.35   | cps   |
| Zirconium  | 90-1  | 1442     | 1358     | 1267     | 1356     | 6.46   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-23-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:17:17   | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 300  | 283  | 311     | 11.15  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-24 Instrumnet Name : P7  
 Client Sample ID : DC16740-24-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:20:42 DataFile Name : 094SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1884     | 1709     | 3246     | 2279     | 36.93  | cps   |
| Antimony   | 121-1 | 708      | 708      | 775      | 731      | 5.27   | cps   |
| Arsenic    | 75-2  | 206      | 183      | 181      | 190      | 7.05   | cps   |
| Barium     | 135-1 | 61520    | 58390    | 61964    | 60625    | 3.21   | cps   |
| Barium     | 137-1 | 107548   | 105239   | 107136   | 106641   | 1.15   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 44       | 24       | 74.19  | cps   |
| Bismuth    | 209-1 | 9227405  | 9272597  | 9167159  | 9222387  | 0.57   | cps   |
| Bismuth    | 209-2 | 6123283  | 6081913  | 6008312  | 6071170  | 0.96   | cps   |
| Boron      | 10-1  | 1608     | 1792     | 1650     | 1683     | 5.71   | cps   |
| Boron      | 11-1  | 8703     | 9128     | 9195     | 9009     | 2.96   | cps   |
| Cadmium    | 111-1 | 3074     | 2907     | 2996     | 2993     | 2.79   | cps   |
| Cadmium    | 106-1 | 4393     | 4126     | 4243     | 4254     | 3.14   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 4        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 257091   | 262097   | 257021   | 258737   | 1.12   | cps   |
| Calcium    | 44-1  | 4303568  | 4313537  | 4239495  | 4285533  | 0.94   | cps   |
| Chromium   | 52-2  | 2004     | 1807     | 1980     | 1930     | 5.57   | cps   |
| Cobalt     | 59-2  | 237      | 187      | 217      | 213      | 11.80  | cps   |
| Copper     | 63-2  | 891359   | 894127   | 889116   | 891534   | 0.28   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 75       | 75       | 11.11  | cps   |
| Dysprosium | 156-2 | 10       | 23       | 70       | 34       | 91.47  | cps   |
| Erbium     | 164-1 | 58       | 100      | 83       | 81       | 26.03  | cps   |
| Erbium     | 164-2 | 60       | 70       | 40       | 57       | 26.96  | cps   |
| Gadolinium | 160-1 | 258      | 183      | 175      | 206      | 22.33  | cps   |
| Gadolinium | 160-2 | 190      | 173      | 143      | 169      | 14.00  | cps   |
| Holmium    | 165-1 | 14315538 | 14225571 | 14179122 | 14240077 | 0.49   | cps   |
| Holmium    | 165-2 | 7985608  | 8007523  | 7984472  | 7992534  | 0.16   | cps   |
| Indium     | 115-1 | 11608464 | 11381979 | 11659673 | 11550039 | 1.28   | cps   |
| Indium     | 115-2 | 2597784  | 2598770  | 2558451  | 2585002  | 0.89   | cps   |
| Iron       | 56-2  | 167195   | 170255   | 188707   | 175386   | 6.64   | cps   |
| Iron       | 57-2  | 4690     | 5273     | 5323     | 5095     | 6.91   | cps   |
| Lead       | 206-1 | 3034     | 3056     | 3356     | 3149     | 5.72   | cps   |
| Lead       | 207-1 | 2628     | 2517     | 2767     | 2637     | 4.75   | cps   |
| Lead       | 208-1 | 12408    | 12225    | 12364    | 12332    | 0.78   | cps   |
| Lithium    | 6-1   | 2029725  | 2012585  | 1968958  | 2003756  | 1.56   | cps   |
| Magnesium  | 24-2  | 427868   | 425816   | 421835   | 425173   | 0.72   | cps   |
| Manganese  | 55-2  | 36522    | 36616    | 36676    | 36604    | 0.21   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-24-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:20:42   | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 742      | 825      | 583      | 717      | 17.13  | cps   |
| Molybdenum | 95-1  | 325      | 367      | 333      | 342      | 6.45   | cps   |
| Molybdenum | 96-1  | 492      | 450      | 367      | 436      | 14.59  | cps   |
| Molybdenum | 97-1  | 317      | 308      | 258      | 294      | 10.71  | cps   |
| Molybdenum | 98-1  | 525      | 650      | 542      | 572      | 11.86  | cps   |
| Neodymium  | 150-1 | 80       | 47       | 60       | 62       | 26.96  | cps   |
| Neodymium  | 150-2 | 23       | 27       | 13       | 21       | 32.88  | cps   |
| Nickel     | 60-2  | 4174     | 3871     | 3844     | 3963     | 4.63   | cps   |
| Phosphorus | 31-2  | 7285     | 7077     | 6877     | 7080     | 2.89   | cps   |
| Potassium  | 39-2  | 252164   | 248404   | 245898   | 248822   | 1.27   | cps   |
| Rhodium    | 103-1 | 10902033 | 10900444 | 10785625 | 10862701 | 0.61   | cps   |
| Rhodium    | 103-2 | 5521197  | 5557872  | 5496103  | 5525057  | 0.56   | cps   |
| Scandium   | 45-1  | 7575138  | 7628530  | 7551853  | 7585174  | 0.52   | cps   |
| Scandium   | 45-2  | 401252   | 410151   | 404661   | 405355   | 1.11   | cps   |
| Selenium   | 77-2  | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Selenium   | 78-2  | 96       | 117      | 143      | 119      | 19.58  | cps   |
| Selenium   | 82-1  | 238      | 277      | 239      | 251      | 8.86   | cps   |
| Silicon    | 28-1  | 9528576  | 9735622  | 9427755  | 9563984  | 1.64   | cps   |
| Silver     | 109-1 | 158      | 150      | 133      | 147      | 8.65   | cps   |
| Silver     | 107-1 | 233      | 292      | 292      | 272      | 12.37  | cps   |
| Sodium     | 23-2  | 7332929  | 7224435  | 7180014  | 7245792  | 1.09   | cps   |
| Strontium  | 86-1  | 94350    | 95836    | 93545    | 94577    | 1.23   | cps   |
| Strontium  | 88-1  | 824391   | 823221   | 817386   | 821666   | 0.46   | cps   |
| Sulfur     | 34-1  | 826615   | 830239   | 832902   | 829919   | 0.38   | cps   |
| Terbium    | 159-1 | 14921635 | 14740280 | 14629071 | 14763662 | 1.00   | cps   |
| Terbium    | 159-2 | 7999331  | 7949395  | 7999457  | 7982728  | 0.36   | cps   |
| Thallium   | 203-1 | 275      | 275      | 183      | 244      | 21.65  | cps   |
| Thallium   | 205-1 | 600      | 567      | 725      | 631      | 13.24  | cps   |
| Tin        | 118-1 | 725      | 775      | 650      | 717      | 8.78   | cps   |
| Titanium   | 47-1  | 1276     | 1125     | 1225     | 1209     | 6.34   | cps   |
| Uranium    | 238-1 | 658      | 558      | 600      | 606      | 8.29   | cps   |
| Vanadium   | 51-2  | 350      | 313      | 323      | 329      | 5.76   | cps   |
| Yttrium    | 89-1  | 12014791 | 12060131 | 11906151 | 11993691 | 0.66   | cps   |
| Yttrium    | 89-2  | 2069600  | 2058892  | 2065706  | 2064733  | 0.26   | cps   |
| Zinc       | 66-2  | 13219    | 13520    | 13426    | 13389    | 1.15   | cps   |
| Zirconium  | 90-1  | 1550     | 1542     | 1492     | 1528     | 2.07   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-24-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:20:42   | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 267  | 233  | 297     | 28.09  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-25 Instrumnet Name : P7  
 Client Sample ID : DC16740-25-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:24:08 DataFile Name : 095SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3051     | 3793     | 3451     | 3431     | 10.82  | cps   |
| Antimony   | 121-1 | 1734     | 1475     | 1575     | 1595     | 8.17   | cps   |
| Arsenic    | 75-2  | 209      | 202      | 204      | 205      | 1.88   | cps   |
| Barium     | 135-1 | 59511    | 58926    | 60792    | 59743    | 1.60   | cps   |
| Barium     | 137-1 | 105935   | 104584   | 104652   | 105057   | 0.72   | cps   |
| Beryllium  | 9-1   | 28       | 56       | 17       | 33       | 60.09  | cps   |
| Bismuth    | 209-1 | 9661983  | 9049512  | 9141329  | 9284275  | 3.56   | cps   |
| Bismuth    | 209-2 | 5975566  | 6133216  | 5992578  | 6033787  | 1.43   | cps   |
| Boron      | 10-1  | 2084     | 2142     | 2300     | 2175     | 5.16   | cps   |
| Boron      | 11-1  | 11163    | 10854    | 10929    | 10982    | 1.47   | cps   |
| Cadmium    | 111-1 | 3109     | 3070     | 3013     | 3064     | 1.57   | cps   |
| Cadmium    | 106-1 | 4443     | 4343     | 4284     | 4356     | 1.84   | cps   |
| Cadmium    | 108-1 | 54       | 17       | 21       | 31       | 67.27  | cps   |
| Calcium    | 43-1  | 262660   | 261163   | 259958   | 261260   | 0.52   | cps   |
| Calcium    | 44-1  | 4360617  | 4338682  | 4300266  | 4333188  | 0.70   | cps   |
| Chromium   | 52-2  | 1913     | 1887     | 1880     | 1893     | 0.93   | cps   |
| Cobalt     | 59-2  | 673      | 757      | 733      | 721      | 5.96   | cps   |
| Copper     | 63-2  | 749163   | 753836   | 753323   | 752107   | 0.34   | cps   |
| Dysprosium | 156-1 | 75       | 117      | 58       | 83       | 36.05  | cps   |
| Dysprosium | 156-2 | 33       | 30       | 27       | 30       | 11.10  | cps   |
| Erbium     | 164-1 | 117      | 75       | 92       | 94       | 22.21  | cps   |
| Erbium     | 164-2 | 57       | 47       | 37       | 47       | 21.43  | cps   |
| Gadolinium | 160-1 | 233      | 142      | 167      | 181      | 26.25  | cps   |
| Gadolinium | 160-2 | 157      | 193      | 170      | 173      | 10.71  | cps   |
| Holmium    | 165-1 | 14764244 | 14069443 | 14293328 | 14375672 | 2.47   | cps   |
| Holmium    | 165-2 | 7922491  | 8082479  | 7944330  | 7983100  | 1.09   | cps   |
| Indium     | 115-1 | 11800564 | 11452985 | 11524403 | 11592651 | 1.58   | cps   |
| Indium     | 115-2 | 2572143  | 2617707  | 2578379  | 2589410  | 0.95   | cps   |
| Iron       | 56-2  | 114396   | 114450   | 116111   | 114986   | 0.85   | cps   |
| Iron       | 57-2  | 3384     | 3484     | 3945     | 3604     | 8.31   | cps   |
| Lead       | 206-1 | 17651    | 17334    | 17028    | 17338    | 1.80   | cps   |
| Lead       | 207-1 | 15482    | 14731    | 15354    | 15189    | 2.64   | cps   |
| Lead       | 208-1 | 69166    | 67847    | 68041    | 68351    | 1.04   | cps   |
| Lithium    | 6-1   | 2075298  | 2002845  | 2035461  | 2037868  | 1.78   | cps   |
| Magnesium  | 24-2  | 508791   | 515309   | 510330   | 511477   | 0.67   | cps   |
| Manganese  | 55-2  | 24541    | 25145    | 25155    | 24947    | 1.41   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-25 Instrumnet Name : P7  
 Client Sample ID : DC16740-25-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:24:08 DataFile Name : 095SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 767      | 658      | 689      | 9.85   | cps   |
| Molybdenum | 95-1  | 358      | 250      | 267      | 292      | 20.00  | cps   |
| Molybdenum | 96-1  | 350      | 383      | 467      | 400      | 15.02  | cps   |
| Molybdenum | 97-1  | 317      | 275      | 408      | 333      | 20.46  | cps   |
| Molybdenum | 98-1  | 458      | 483      | 450      | 464      | 3.74   | cps   |
| Neodymium  | 150-1 | 60       | 40       | 67       | 56       | 24.98  | cps   |
| Neodymium  | 150-2 | 30       | 7        | 20       | 19       | 61.96  | cps   |
| Nickel     | 60-2  | 15291    | 15135    | 15038    | 15155    | 0.84   | cps   |
| Phosphorus | 31-2  | 6410     | 6693     | 6452     | 6518     | 2.35   | cps   |
| Potassium  | 39-2  | 253065   | 254335   | 253049   | 253483   | 0.29   | cps   |
| Rhodium    | 103-1 | 11337909 | 10799856 | 10960099 | 11032622 | 2.50   | cps   |
| Rhodium    | 103-2 | 5512053  | 5594096  | 5558412  | 5554854  | 0.74   | cps   |
| Scandium   | 45-1  | 7992019  | 7708652  | 7589351  | 7763341  | 2.66   | cps   |
| Scandium   | 45-2  | 403646   | 408687   | 403796   | 405376   | 0.71   | cps   |
| Selenium   | 77-2  | 13       | 3        | 3        | 7        | 86.65  | cps   |
| Selenium   | 78-2  | 106      | 119      | 157      | 127      | 21.22  | cps   |
| Selenium   | 82-1  | 244      | 233      | 321      | 266      | 17.91  | cps   |
| Silicon    | 28-1  | 9678491  | 9646925  | 9618461  | 9647959  | 0.31   | cps   |
| Silver     | 109-1 | 217      | 258      | 300      | 258      | 16.13  | cps   |
| Silver     | 107-1 | 308      | 308      | 325      | 314      | 3.07   | cps   |
| Sodium     | 23-2  | 7297569  | 7328230  | 7267934  | 7297911  | 0.41   | cps   |
| Strontium  | 86-1  | 95701    | 94166    | 94568    | 94812    | 0.84   | cps   |
| Strontium  | 88-1  | 831207   | 822853   | 821984   | 825348   | 0.62   | cps   |
| Sulfur     | 34-1  | 852629   | 846629   | 853606   | 850955   | 0.44   | cps   |
| Terbium    | 159-1 | 15281432 | 14657431 | 14819513 | 14919459 | 2.17   | cps   |
| Terbium    | 159-2 | 7825194  | 7997742  | 7893949  | 7905628  | 1.10   | cps   |
| Thallium   | 203-1 | 275      | 292      | 383      | 317      | 18.42  | cps   |
| Thallium   | 205-1 | 617      | 600      | 575      | 597      | 3.51   | cps   |
| Tin        | 118-1 | 1275     | 1075     | 1192     | 1181     | 8.51   | cps   |
| Titanium   | 47-1  | 1150     | 1150     | 1242     | 1181     | 4.48   | cps   |
| Uranium    | 238-1 | 633      | 717      | 800      | 717      | 11.63  | cps   |
| Vanadium   | 51-2  | 400      | 337      | 327      | 354      | 11.22  | cps   |
| Yttrium    | 89-1  | 12541047 | 12057391 | 12112720 | 12237053 | 2.16   | cps   |
| Yttrium    | 89-2  | 2046691  | 2075080  | 2067406  | 2063059  | 0.71   | cps   |
| Zinc       | 66-2  | 80001    | 81573    | 81590    | 81055    | 1.13   | cps   |
| Zirconium  | 90-1  | 1542     | 1517     | 1642     | 1567     | 4.22   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-25              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-25-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:24:08   | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 367  | 283  | 339     | 14.20  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-26 Instrumnet Name : P7  
 Client Sample ID : DC16740-26-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:27:34 DataFile Name : 096SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2579     | 1575     | 1667     | 1940     | 28.61  | cps   |
| Antimony   | 121-1 | 783      | 708      | 808      | 767      | 6.79   | cps   |
| Arsenic    | 75-2  | 198      | 194      | 233      | 209      | 10.29  | cps   |
| Barium     | 135-1 | 60365    | 58565    | 59026    | 59319    | 1.58   | cps   |
| Barium     | 137-1 | 103408   | 101939   | 100923   | 102090   | 1.22   | cps   |
| Beryllium  | 9-1   | 61       | 50       | 44       | 52       | 16.36  | cps   |
| Bismuth    | 209-1 | 9315929  | 8930328  | 9130587  | 9125615  | 2.11   | cps   |
| Bismuth    | 209-2 | 5688260  | 5712312  | 5945400  | 5781991  | 2.46   | cps   |
| Boron      | 10-1  | 1950     | 1684     | 2009     | 1881     | 9.21   | cps   |
| Boron      | 11-1  | 9145     | 9236     | 9587     | 9323     | 2.50   | cps   |
| Cadmium    | 111-1 | 3221     | 3095     | 2895     | 3070     | 5.35   | cps   |
| Cadmium    | 106-1 | 4584     | 4393     | 4092     | 4356     | 5.69   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 4        | 14       | 75.48  | cps   |
| Calcium    | 43-1  | 262821   | 263619   | 259881   | 262107   | 0.75   | cps   |
| Calcium    | 44-1  | 4333884  | 4307952  | 4292856  | 4311564  | 0.48   | cps   |
| Chromium   | 52-2  | 2014     | 1873     | 1937     | 1941     | 3.61   | cps   |
| Cobalt     | 59-2  | 173      | 203      | 173      | 183      | 9.45   | cps   |
| Copper     | 63-2  | 719539   | 714927   | 716230   | 716899   | 0.33   | cps   |
| Dysprosium | 156-1 | 83       | 108      | 117      | 103      | 16.88  | cps   |
| Dysprosium | 156-2 | 33       | 27       | 47       | 36       | 28.64  | cps   |
| Erbium     | 164-1 | 167      | 117      | 100      | 128      | 27.15  | cps   |
| Erbium     | 164-2 | 40       | 43       | 40       | 41       | 4.68   | cps   |
| Gadolinium | 160-1 | 208      | 225      | 200      | 211      | 6.03   | cps   |
| Gadolinium | 160-2 | 170      | 160      | 167      | 166      | 3.08   | cps   |
| Holmium    | 165-1 | 14699678 | 14333938 | 14122589 | 14385402 | 2.03   | cps   |
| Holmium    | 165-2 | 7711662  | 7698199  | 7751424  | 7720428  | 0.36   | cps   |
| Indium     | 115-1 | 11767848 | 11705035 | 11499824 | 11657569 | 1.20   | cps   |
| Indium     | 115-2 | 2497860  | 2497577  | 2540247  | 2511895  | 0.98   | cps   |
| Iron       | 56-2  | 122752   | 119384   | 118566   | 120234   | 1.85   | cps   |
| Iron       | 57-2  | 3712     | 3962     | 3817     | 3830     | 3.28   | cps   |
| Lead       | 206-1 | 2234     | 2261     | 2211     | 2235     | 1.12   | cps   |
| Lead       | 207-1 | 2078     | 1945     | 1967     | 1997     | 3.58   | cps   |
| Lead       | 208-1 | 9013     | 8924     | 8807     | 8914     | 1.16   | cps   |
| Lithium    | 6-1   | 2067090  | 2028614  | 2013828  | 2036511  | 1.35   | cps   |
| Magnesium  | 24-2  | 422219   | 421278   | 423195   | 422231   | 0.23   | cps   |
| Manganese  | 55-2  | 34374    | 34994    | 34230    | 34532    | 1.18   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-26              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-26-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:27:34   | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 725      | 742      | 747      | 3.41   | cps   |
| Molybdenum | 95-1  | 275      | 392      | 400      | 356      | 19.66  | cps   |
| Molybdenum | 96-1  | 400      | 533      | 458      | 464      | 14.41  | cps   |
| Molybdenum | 97-1  | 283      | 283      | 333      | 300      | 9.62   | cps   |
| Molybdenum | 98-1  | 458      | 483      | 525      | 489      | 6.89   | cps   |
| Neodymium  | 150-1 | 80       | 60       | 67       | 69       | 14.78  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 30       | 27       | 12.51  | cps   |
| Nickel     | 60-2  | 1420     | 1293     | 1387     | 1367     | 4.80   | cps   |
| Phosphorus | 31-2  | 7227     | 6694     | 6752     | 6891     | 4.25   | cps   |
| Potassium  | 39-2  | 244982   | 243641   | 245965   | 244863   | 0.48   | cps   |
| Rhodium    | 103-1 | 11081978 | 10891224 | 10922448 | 10965217 | 0.93   | cps   |
| Rhodium    | 103-2 | 5327865  | 5355363  | 5478114  | 5387114  | 1.48   | cps   |
| Scandium   | 45-1  | 7946334  | 7720427  | 7831950  | 7832904  | 1.44   | cps   |
| Scandium   | 45-2  | 387743   | 388938   | 401015   | 392565   | 1.87   | cps   |
| Selenium   | 77-2  | 13       | 7        | 3        | 8        | 65.47  | cps   |
| Selenium   | 78-2  | 107      | 115      | 128      | 117      | 8.84   | cps   |
| Selenium   | 82-1  | 303      | 101      | 284      | 229      | 48.74  | cps   |
| Silicon    | 28-1  | 9602318  | 9445116  | 9436758  | 9494731  | 0.98   | cps   |
| Silver     | 109-1 | 208      | 225      | 142      | 192      | 23.00  | cps   |
| Silver     | 107-1 | 250      | 258      | 158      | 222      | 24.97  | cps   |
| Sodium     | 23-2  | 7243165  | 7268102  | 7270729  | 7260665  | 0.21   | cps   |
| Strontium  | 86-1  | 92674    | 95315    | 93446    | 93812    | 1.45   | cps   |
| Strontium  | 88-1  | 819029   | 823153   | 815275   | 819153   | 0.48   | cps   |
| Sulfur     | 34-1  | 864940   | 861953   | 866710   | 864535   | 0.28   | cps   |
| Terbium    | 159-1 | 15169684 | 14857489 | 14739341 | 14922172 | 1.49   | cps   |
| Terbium    | 159-2 | 7587353  | 7755355  | 7832856  | 7725188  | 1.62   | cps   |
| Thallium   | 203-1 | 200      | 383      | 325      | 303      | 30.94  | cps   |
| Thallium   | 205-1 | 567      | 658      | 742      | 656      | 13.35  | cps   |
| Tin        | 118-1 | 800      | 733      | 758      | 764      | 4.41   | cps   |
| Titanium   | 47-1  | 1300     | 1392     | 2152     | 1615     | 28.97  | cps   |
| Uranium    | 238-1 | 683      | 533      | 650      | 622      | 12.66  | cps   |
| Vanadium   | 51-2  | 340      | 343      | 293      | 326      | 8.59   | cps   |
| Yttrium    | 89-1  | 12344901 | 12198603 | 12213505 | 12252336 | 0.66   | cps   |
| Yttrium    | 89-2  | 1979264  | 1988175  | 2039140  | 2002193  | 1.61   | cps   |
| Zinc       | 66-2  | 4678     | 4758     | 4617     | 4684     | 1.50   | cps   |
| Zirconium  | 90-1  | 1475     | 1634     | 1417     | 1508     | 7.43   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-26              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-26-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:27:34   | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 417  | 317  | 361     | 14.10  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-27 Instrumnet Name : P7  
 Client Sample ID : DC16740-27-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:31:00 DataFile Name : 097SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3198     | 1725     | 1800     | 2241     | 37.02  | cps   |
| Antimony   | 121-1 | 1417     | 1717     | 1634     | 1589     | 9.75   | cps   |
| Arsenic    | 75-2  | 176      | 220      | 206      | 201      | 11.28  | cps   |
| Barium     | 135-1 | 58105    | 58257    | 59679    | 58680    | 1.48   | cps   |
| Barium     | 137-1 | 100496   | 101940   | 98691    | 100376   | 1.62   | cps   |
| Beryllium  | 9-1   | 50       | 17       | 28       | 31       | 53.90  | cps   |
| Bismuth    | 209-1 | 9217096  | 8893680  | 8925245  | 9012007  | 1.98   | cps   |
| Bismuth    | 209-2 | 6038562  | 6051588  | 6108064  | 6066072  | 0.61   | cps   |
| Boron      | 10-1  | 1925     | 2084     | 2009     | 2006     | 3.95   | cps   |
| Boron      | 11-1  | 10129    | 9737     | 10587    | 10151    | 4.19   | cps   |
| Cadmium    | 111-1 | 3030     | 2880     | 2891     | 2934     | 2.85   | cps   |
| Cadmium    | 106-1 | 4326     | 4067     | 4117     | 4170     | 3.29   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 17       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 265275   | 268360   | 269266   | 267634   | 0.78   | cps   |
| Calcium    | 44-1  | 4397640  | 4414708  | 4387597  | 4399982  | 0.31   | cps   |
| Chromium   | 52-2  | 1977     | 2187     | 1960     | 2041     | 6.19   | cps   |
| Cobalt     | 59-2  | 630      | 623      | 650      | 634      | 2.19   | cps   |
| Copper     | 63-2  | 822282   | 832477   | 833271   | 829343   | 0.74   | cps   |
| Dysprosium | 156-1 | 42       | 67       | 67       | 58       | 24.74  | cps   |
| Dysprosium | 156-2 | 40       | 33       | 30       | 34       | 14.78  | cps   |
| Erbium     | 164-1 | 133      | 67       | 75       | 92       | 39.63  | cps   |
| Erbium     | 164-2 | 50       | 33       | 33       | 39       | 24.75  | cps   |
| Gadolinium | 160-1 | 175      | 242      | 275      | 231      | 22.09  | cps   |
| Gadolinium | 160-2 | 147      | 153      | 153      | 151      | 2.55   | cps   |
| Holmium    | 165-1 | 14353553 | 13847272 | 14080330 | 14093718 | 1.80   | cps   |
| Holmium    | 165-2 | 7956793  | 7997856  | 7926379  | 7960343  | 0.45   | cps   |
| Indium     | 115-1 | 11785673 | 11164955 | 11388127 | 11446252 | 2.75   | cps   |
| Indium     | 115-2 | 2567463  | 2560219  | 2563008  | 2563563  | 0.14   | cps   |
| Iron       | 56-2  | 117519   | 117084   | 117487   | 117363   | 0.21   | cps   |
| Iron       | 57-2  | 3556     | 3473     | 3678     | 3569     | 2.90   | cps   |
| Lead       | 206-1 | 9982     | 9921     | 9921     | 9941     | 0.36   | cps   |
| Lead       | 207-1 | 8125     | 8236     | 8214     | 8192     | 0.72   | cps   |
| Lead       | 208-1 | 37878    | 38284    | 38233    | 38132    | 0.58   | cps   |
| Lithium    | 6-1   | 2045537  | 2005111  | 2032620  | 2027756  | 1.02   | cps   |
| Magnesium  | 24-2  | 448180   | 449403   | 451591   | 449725   | 0.38   | cps   |
| Manganese  | 55-2  | 25335    | 25856    | 26060    | 25751    | 1.45   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-27-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:31:00   | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 725      | 725      | 694      | 7.62   | cps   |
| Molybdenum | 95-1  | 425      | 333      | 275      | 344      | 21.95  | cps   |
| Molybdenum | 96-1  | 542      | 492      | 442      | 492      | 10.17  | cps   |
| Molybdenum | 97-1  | 325      | 358      | 292      | 325      | 10.26  | cps   |
| Molybdenum | 98-1  | 400      | 600      | 358      | 453      | 28.53  | cps   |
| Neodymium  | 150-1 | 33       | 53       | 20       | 36       | 47.20  | cps   |
| Neodymium  | 150-2 | 50       | 37       | 33       | 40       | 22.05  | cps   |
| Nickel     | 60-2  | 39072    | 37605    | 38029    | 38235    | 1.97   | cps   |
| Phosphorus | 31-2  | 6902     | 6777     | 6652     | 6777     | 1.85   | cps   |
| Potassium  | 39-2  | 250489   | 250615   | 251836   | 250980   | 0.30   | cps   |
| Rhodium    | 103-1 | 11016241 | 10658490 | 10830285 | 10835005 | 1.65   | cps   |
| Rhodium    | 103-2 | 5525829  | 5524600  | 5497648  | 5516026  | 0.29   | cps   |
| Scandium   | 45-1  | 7824733  | 7553020  | 7442475  | 7606743  | 2.59   | cps   |
| Scandium   | 45-2  | 409197   | 405231   | 402185   | 405538   | 0.87   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 87       | 131      | 113      | 110      | 20.20  | cps   |
| Selenium   | 82-1  | 194      | 261      | 283      | 246      | 18.94  | cps   |
| Silicon    | 28-1  | 9687729  | 9689378  | 9763286  | 9713464  | 0.44   | cps   |
| Silver     | 109-1 | 175      | 267      | 158      | 200      | 29.17  | cps   |
| Silver     | 107-1 | 275      | 292      | 400      | 322      | 21.06  | cps   |
| Sodium     | 23-2  | 7298967  | 7233774  | 7253061  | 7261934  | 0.46   | cps   |
| Strontium  | 86-1  | 96574    | 95609    | 95031    | 95738    | 0.81   | cps   |
| Strontium  | 88-1  | 824492   | 828612   | 826825   | 826643   | 0.25   | cps   |
| Sulfur     | 34-1  | 865723   | 856660   | 857802   | 860062   | 0.57   | cps   |
| Terbium    | 159-1 | 14716991 | 14514128 | 14585289 | 14605469 | 0.70   | cps   |
| Terbium    | 159-2 | 7926370  | 7820327  | 7954812  | 7900503  | 0.90   | cps   |
| Thallium   | 203-1 | 150      | 267      | 300      | 239      | 32.97  | cps   |
| Thallium   | 205-1 | 608      | 767      | 692      | 689      | 11.50  | cps   |
| Tin        | 118-1 | 758      | 842      | 858      | 820      | 6.54   | cps   |
| Titanium   | 47-1  | 1275     | 1308     | 1592     | 1392     | 12.51  | cps   |
| Uranium    | 238-1 | 383      | 575      | 592      | 517      | 22.41  | cps   |
| Vanadium   | 51-2  | 303      | 310      | 273      | 296      | 6.61   | cps   |
| Yttrium    | 89-1  | 12395836 | 11882366 | 12145062 | 12141088 | 2.11   | cps   |
| Yttrium    | 89-2  | 2048173  | 2047945  | 2051072  | 2049063  | 0.09   | cps   |
| Zinc       | 66-2  | 38568    | 39848    | 39193    | 39203    | 1.63   | cps   |
| Zirconium  | 90-1  | 1308     | 1500     | 1367     | 1392     | 7.06   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-27-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:31:00   | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 350  | 317  | 314     | 11.97  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-28 Instrumnet Name : P7  
 Client Sample ID : DC16740-28-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:34:25 DataFile Name : 098SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2543     | 1592     | 1617     | 1917     | 28.28  | cps   |
| Antimony   | 121-1 | 1133     | 1217     | 1383     | 1245     | 10.23  | cps   |
| Arsenic    | 75-2  | 200      | 215      | 194      | 203      | 5.19   | cps   |
| Barium     | 135-1 | 64190    | 62491    | 64224    | 63635    | 1.56   | cps   |
| Barium     | 137-1 | 109135   | 109235   | 110050   | 109473   | 0.46   | cps   |
| Beryllium  | 9-1   | 61       | 44       | 39       | 48       | 24.01  | cps   |
| Bismuth    | 209-1 | 8808327  | 9305190  | 9437132  | 9183550  | 3.61   | cps   |
| Bismuth    | 209-2 | 6199385  | 6211258  | 6324200  | 6244948  | 1.10   | cps   |
| Boron      | 10-1  | 1634     | 1850     | 1550     | 1678     | 9.23   | cps   |
| Boron      | 11-1  | 9245     | 9253     | 9737     | 9412     | 2.99   | cps   |
| Cadmium    | 111-1 | 2809     | 3199     | 3045     | 3018     | 6.51   | cps   |
| Cadmium    | 106-1 | 3976     | 4551     | 4309     | 4279     | 6.75   | cps   |
| Cadmium    | 108-1 | 4        | 4        | 13       | 7        | 69.23  | cps   |
| Calcium    | 43-1  | 269333   | 267145   | 267727   | 268068   | 0.42   | cps   |
| Calcium    | 44-1  | 4434087  | 4408053  | 4406784  | 4416308  | 0.35   | cps   |
| Chromium   | 52-2  | 1957     | 2010     | 2050     | 2006     | 2.33   | cps   |
| Cobalt     | 59-2  | 260      | 267      | 217      | 248      | 10.96  | cps   |
| Copper     | 63-2  | 1001813  | 1007710  | 1009859  | 1006461  | 0.41   | cps   |
| Dysprosium | 156-1 | 75       | 50       | 92       | 72       | 29.04  | cps   |
| Dysprosium | 156-2 | 40       | 30       | 23       | 31       | 26.97  | cps   |
| Erbium     | 164-1 | 108      | 92       | 83       | 94       | 13.48  | cps   |
| Erbium     | 164-2 | 27       | 40       | 47       | 38       | 26.95  | cps   |
| Gadolinium | 160-1 | 183      | 208      | 267      | 219      | 19.49  | cps   |
| Gadolinium | 160-2 | 157      | 210      | 183      | 183      | 14.55  | cps   |
| Holmium    | 165-1 | 14309405 | 14426412 | 14458413 | 14398077 | 0.54   | cps   |
| Holmium    | 165-2 | 8074443  | 8152154  | 8037374  | 8087990  | 0.72   | cps   |
| Indium     | 115-1 | 11610447 | 11774556 | 11755358 | 11713454 | 0.77   | cps   |
| Indium     | 115-2 | 2591177  | 2624537  | 2626195  | 2613970  | 0.76   | cps   |
| Iron       | 56-2  | 109971   | 112521   | 111280   | 111258   | 1.15   | cps   |
| Iron       | 57-2  | 3946     | 3856     | 3751     | 3851     | 2.54   | cps   |
| Lead       | 206-1 | 3006     | 3289     | 3362     | 3219     | 5.84   | cps   |
| Lead       | 207-1 | 2862     | 2800     | 2950     | 2871     | 2.63   | cps   |
| Lead       | 208-1 | 12647    | 12719    | 13114    | 12827    | 1.96   | cps   |
| Lithium    | 6-1   | 2051425  | 2046443  | 2070345  | 2056071  | 0.61   | cps   |
| Magnesium  | 24-2  | 428368   | 420291   | 425671   | 424777   | 0.97   | cps   |
| Manganese  | 55-2  | 24394    | 24320    | 24471    | 24395    | 0.31   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-28-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:34:25   | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 733      | 733      | 750      | 3.85   | cps   |
| Molybdenum | 95-1  | 233      | 325      | 317      | 292      | 17.38  | cps   |
| Molybdenum | 96-1  | 500      | 375      | 450      | 442      | 14.25  | cps   |
| Molybdenum | 97-1  | 300      | 317      | 375      | 331      | 11.91  | cps   |
| Molybdenum | 98-1  | 408      | 517      | 575      | 500      | 16.92  | cps   |
| Neodymium  | 150-1 | 60       | 80       | 60       | 67       | 17.32  | cps   |
| Neodymium  | 150-2 | 20       | 13       | 17       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 42281    | 42471    | 43478    | 42743    | 1.50   | cps   |
| Phosphorus | 31-2  | 7419     | 7377     | 7094     | 7297     | 2.42   | cps   |
| Potassium  | 39-2  | 249253   | 251542   | 246158   | 248985   | 1.09   | cps   |
| Rhodium    | 103-1 | 11049705 | 11150058 | 11079696 | 11093153 | 0.46   | cps   |
| Rhodium    | 103-2 | 5564850  | 5667906  | 5621914  | 5618223  | 0.92   | cps   |
| Scandium   | 45-1  | 7640583  | 7727807  | 7743940  | 7704110  | 0.72   | cps   |
| Scandium   | 45-2  | 416215   | 415414   | 423060   | 418230   | 1.00   | cps   |
| Selenium   | 77-2  | 3        | 0        | 13       | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 87       | 102      | 137      | 109      | 23.64  | cps   |
| Selenium   | 82-1  | 164      | 276      | 211      | 217      | 25.91  | cps   |
| Silicon    | 28-1  | 9726120  | 9663320  | 9717676  | 9702372  | 0.35   | cps   |
| Silver     | 109-1 | 142      | 208      | 217      | 189      | 21.76  | cps   |
| Silver     | 107-1 | 267      | 258      | 267      | 264      | 1.82   | cps   |
| Sodium     | 23-2  | 7257416  | 7146997  | 7177035  | 7193816  | 0.79   | cps   |
| Strontium  | 86-1  | 95434    | 98151    | 98412    | 97332    | 1.69   | cps   |
| Strontium  | 88-1  | 841915   | 841058   | 845592   | 842855   | 0.29   | cps   |
| Sulfur     | 34-1  | 832273   | 845783   | 842861   | 840306   | 0.85   | cps   |
| Terbium    | 159-1 | 14978929 | 14993088 | 15027934 | 14999984 | 0.17   | cps   |
| Terbium    | 159-2 | 8174213  | 8099351  | 8140339  | 8137968  | 0.46   | cps   |
| Thallium   | 203-1 | 325      | 267      | 317      | 303      | 10.42  | cps   |
| Thallium   | 205-1 | 542      | 642      | 692      | 625      | 12.22  | cps   |
| Tin        | 118-1 | 842      | 742      | 967      | 850      | 13.26  | cps   |
| Titanium   | 47-1  | 1492     | 1217     | 1258     | 1322     | 11.22  | cps   |
| Uranium    | 238-1 | 492      | 433      | 492      | 472      | 7.13   | cps   |
| Vanadium   | 51-2  | 390      | 450      | 333      | 391      | 14.92  | cps   |
| Yttrium    | 89-1  | 12237588 | 12321452 | 12357245 | 12305428 | 0.50   | cps   |
| Yttrium    | 89-2  | 2093579  | 2101263  | 2096528  | 2097123  | 0.18   | cps   |
| Zinc       | 66-2  | 6245     | 6121     | 6348     | 6238     | 1.82   | cps   |
| Zirconium  | 90-1  | 1475     | 1325     | 1317     | 1372     | 6.49   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-28-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:34:25   | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 317  | 325  | 300     | 12.11  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-29 Instrumnet Name : P7  
 Client Sample ID : DC16740-29-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:37:51 DataFile Name : 099SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1742     | 2400     | 1909     | 2017     | 16.97  | cps   |
| Antimony   | 121-1 | 1367     | 1408     | 1258     | 1345     | 5.76   | cps   |
| Arsenic    | 75-2  | 176      | 231      | 202      | 203      | 13.69  | cps   |
| Barium     | 135-1 | 60700    | 61579    | 60139    | 60806    | 1.19   | cps   |
| Barium     | 137-1 | 104609   | 103644   | 105943   | 104732   | 1.10   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 50       | 37       | 31.22  | cps   |
| Bismuth    | 209-1 | 9159892  | 9186450  | 8951074  | 9099139  | 1.42   | cps   |
| Bismuth    | 209-2 | 6296376  | 6338103  | 5981901  | 6205460  | 3.14   | cps   |
| Boron      | 10-1  | 1892     | 1875     | 1975     | 1914     | 2.80   | cps   |
| Boron      | 11-1  | 9553     | 9428     | 9545     | 9509     | 0.74   | cps   |
| Cadmium    | 111-1 | 2964     | 2847     | 2901     | 2904     | 2.03   | cps   |
| Cadmium    | 106-1 | 4193     | 4051     | 4151     | 4131     | 1.76   | cps   |
| Cadmium    | 108-1 | 29       | 38       | 25       | 31       | 20.83  | cps   |
| Calcium    | 43-1  | 267206   | 266613   | 267116   | 266978   | 0.12   | cps   |
| Calcium    | 44-1  | 4473565  | 4450764  | 4425614  | 4449981  | 0.54   | cps   |
| Chromium   | 52-2  | 1974     | 2010     | 1860     | 1948     | 4.02   | cps   |
| Cobalt     | 59-2  | 950      | 927      | 787      | 888      | 9.95   | cps   |
| Copper     | 63-2  | 737730   | 734456   | 729706   | 733964   | 0.55   | cps   |
| Dysprosium | 156-1 | 33       | 92       | 25       | 50       | 72.65  | cps   |
| Dysprosium | 156-2 | 27       | 30       | 33       | 30       | 11.10  | cps   |
| Erbium     | 164-1 | 75       | 75       | 83       | 78       | 6.19   | cps   |
| Erbium     | 164-2 | 40       | 43       | 30       | 38       | 18.36  | cps   |
| Gadolinium | 160-1 | 175      | 183      | 142      | 167      | 13.23  | cps   |
| Gadolinium | 160-2 | 167      | 193      | 203      | 188      | 10.09  | cps   |
| Holmium    | 165-1 | 14208225 | 14212458 | 14097959 | 14172881 | 0.46   | cps   |
| Holmium    | 165-2 | 8211401  | 8235297  | 8039036  | 8161911  | 1.31   | cps   |
| Indium     | 115-1 | 11602412 | 11402447 | 11437958 | 11480939 | 0.93   | cps   |
| Indium     | 115-2 | 2640056  | 2651605  | 2602349  | 2631336  | 0.98   | cps   |
| Iron       | 56-2  | 116476   | 120800   | 123446   | 120241   | 2.93   | cps   |
| Iron       | 57-2  | 3639     | 3928     | 3506     | 3691     | 5.85   | cps   |
| Lead       | 206-1 | 21685    | 21468    | 20984    | 21379    | 1.68   | cps   |
| Lead       | 207-1 | 17857    | 17467    | 16984    | 17436    | 2.51   | cps   |
| Lead       | 208-1 | 82361    | 82390    | 80619    | 81790    | 1.24   | cps   |
| Lithium    | 6-1   | 2026502  | 2012722  | 2017061  | 2018762  | 0.35   | cps   |
| Magnesium  | 24-2  | 451896   | 450554   | 450471   | 450974   | 0.18   | cps   |
| Manganese  | 55-2  | 31908    | 31938    | 31410    | 31752    | 0.93   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-29-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:37:51   | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 725      | 658      | 675      | 6.53   | cps   |
| Molybdenum | 95-1  | 400      | 358      | 258      | 339      | 21.48  | cps   |
| Molybdenum | 96-1  | 367      | 408      | 450      | 408      | 10.20  | cps   |
| Molybdenum | 97-1  | 250      | 308      | 325      | 294      | 13.37  | cps   |
| Molybdenum | 98-1  | 533      | 383      | 542      | 486      | 18.33  | cps   |
| Neodymium  | 150-1 | 33       | 47       | 73       | 51       | 39.86  | cps   |
| Neodymium  | 150-2 | 30       | 13       | 3        | 16       | 86.63  | cps   |
| Nickel     | 60-2  | 19620    | 18872    | 18862    | 19118    | 2.27   | cps   |
| Phosphorus | 31-2  | 6393     | 6393     | 6318     | 6368     | 0.68   | cps   |
| Potassium  | 39-2  | 249795   | 249953   | 248413   | 249387   | 0.34   | cps   |
| Rhodium    | 103-1 | 10908981 | 10897388 | 10770395 | 10858921 | 0.71   | cps   |
| Rhodium    | 103-2 | 5706941  | 5764013  | 5566780  | 5679245  | 1.79   | cps   |
| Scandium   | 45-1  | 7672080  | 7603804  | 7447336  | 7574407  | 1.52   | cps   |
| Scandium   | 45-2  | 421380   | 423143   | 408367   | 417630   | 1.93   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 120      | 152      | 80       | 117      | 30.87  | cps   |
| Selenium   | 82-1  | 131      | 183      | 132      | 149      | 19.84  | cps   |
| Silicon    | 28-1  | 10288909 | 10196002 | 10139775 | 10208228 | 0.74   | cps   |
| Silver     | 109-1 | 200      | 242      | 200      | 214      | 11.25  | cps   |
| Silver     | 107-1 | 258      | 242      | 325      | 275      | 16.04  | cps   |
| Sodium     | 23-2  | 7280018  | 7310224  | 7267545  | 7285929  | 0.30   | cps   |
| Strontium  | 86-1  | 97370    | 98100    | 96398    | 97289    | 0.88   | cps   |
| Strontium  | 88-1  | 843864   | 838840   | 833115   | 838606   | 0.64   | cps   |
| Sulfur     | 34-1  | 829450   | 821625   | 827158   | 826078   | 0.49   | cps   |
| Terbium    | 159-1 | 14826366 | 14723585 | 14681400 | 14743784 | 0.51   | cps   |
| Terbium    | 159-2 | 8098874  | 8132139  | 7928499  | 8053171  | 1.36   | cps   |
| Thallium   | 203-1 | 258      | 308      | 275      | 281      | 9.07   | cps   |
| Thallium   | 205-1 | 625      | 742      | 625      | 664      | 10.15  | cps   |
| Tin        | 118-1 | 942      | 900      | 792      | 878      | 8.82   | cps   |
| Titanium   | 47-1  | 1125     | 1092     | 1133     | 1117     | 1.97   | cps   |
| Uranium    | 238-1 | 558      | 592      | 442      | 531      | 14.85  | cps   |
| Vanadium   | 51-2  | 387      | 320      | 350      | 352      | 9.48   | cps   |
| Yttrium    | 89-1  | 12191979 | 12000735 | 12055958 | 12082891 | 0.81   | cps   |
| Yttrium    | 89-2  | 2120930  | 2129194  | 2076876  | 2109000  | 1.33   | cps   |
| Zinc       | 66-2  | 273916   | 276218   | 274733   | 274956   | 0.42   | cps   |
| Zirconium  | 90-1  | 1467     | 1333     | 1375     | 1392     | 4.90   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-29-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:37:51   | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 350  | 358  | 383     | 13.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:41:16 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 592      | 733      | 667      | 664      | 10.68  | cps   |
| Antimony   | 121-1 | 142      | 142      | 192      | 158      | 18.23  | cps   |
| Arsenic    | 75-2  | 24       | 11       | 9        | 15       | 54.48  | cps   |
| Barium     | 135-1 | 83       | 50       | 108      | 81       | 36.33  | cps   |
| Barium     | 137-1 | 108      | 150      | 117      | 125      | 17.64  | cps   |
| Beryllium  | 9-1   | 33       | 6        | 22       | 20       | 68.62  | cps   |
| Bismuth    | 209-1 | 8911232  | 8836998  | 8729295  | 8825842  | 1.04   | cps   |
| Bismuth    | 209-2 | 5620288  | 5692440  | 5682686  | 5665138  | 0.69   | cps   |
| Boron      | 10-1  | 400      | 508      | 375      | 428      | 16.57  | cps   |
| Boron      | 11-1  | 1850     | 1775     | 1867     | 1831     | 2.67   | cps   |
| Cadmium    | 111-1 | 2598     | 3066     | 2467     | 2710     | 11.63  | cps   |
| Cadmium    | 106-1 | 3726     | 4368     | 3517     | 3870     | 11.45  | cps   |
| Cadmium    | 108-1 | 21       | 17       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 375      | 433      | 467      | 425      | 10.92  | cps   |
| Calcium    | 44-1  | 24087    | 23879    | 23436    | 23801    | 1.40   | cps   |
| Chromium   | 52-2  | 1777     | 1970     | 1827     | 1858     | 5.40   | cps   |
| Cobalt     | 59-2  | 93       | 97       | 67       | 86       | 19.22  | cps   |
| Copper     | 63-2  | 1697     | 1727     | 1723     | 1716     | 0.96   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 8        | 17       | 86.62  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 83       | 58       | 42       | 61       | 34.32  | cps   |
| Erbium     | 164-2 | 30       | 7        | 10       | 16       | 81.11  | cps   |
| Gadolinium | 160-1 | 133      | 117      | 108      | 119      | 10.66  | cps   |
| Gadolinium | 160-2 | 137      | 193      | 107      | 146      | 30.24  | cps   |
| Holmium    | 165-1 | 13647950 | 13447837 | 13279106 | 13458298 | 1.37   | cps   |
| Holmium    | 165-2 | 7468249  | 7516225  | 7537374  | 7507283  | 0.47   | cps   |
| Indium     | 115-1 | 11044699 | 11213771 | 10873952 | 11044141 | 1.54   | cps   |
| Indium     | 115-2 | 2394929  | 2437403  | 2429939  | 2420757  | 0.94   | cps   |
| Iron       | 56-2  | 8903     | 9164     | 8970     | 9012     | 1.51   | cps   |
| Iron       | 57-2  | 461      | 422      | 450      | 444      | 4.51   | cps   |
| Lead       | 206-1 | 5438035  | 5341313  | 5308660  | 5362669  | 1.25   | cps   |
| Lead       | 207-1 | 4836923  | 4813013  | 4728283  | 4792740  | 1.19   | cps   |
| Lead       | 208-1 | 21938074 | 21735089 | 21456645 | 21709936 | 1.11   | cps   |
| Lithium    | 6-1   | 1928929  | 1911695  | 1862056  | 1900893  | 1.83   | cps   |
| Magnesium  | 24-2  | 450      | 325      | 392      | 389      | 16.08  | cps   |
| Manganese  | 55-2  | 110      | 87       | 67       | 88       | 24.71  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:41:16 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 267      | 433      | 250      | 317      | 32.02  | cps   |
| Molybdenum | 95-1  | 108      | 125      | 117      | 117      | 7.14   | cps   |
| Molybdenum | 96-1  | 158      | 250      | 275      | 228      | 26.97  | cps   |
| Molybdenum | 97-1  | 142      | 142      | 125      | 136      | 7.07   | cps   |
| Molybdenum | 98-1  | 267      | 208      | 208      | 228      | 14.79  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 90       | 120      | 120      | 110      | 15.75  | cps   |
| Phosphorus | 31-2  | 175      | 242      | 208      | 208      | 16.00  | cps   |
| Potassium  | 39-2  | 61972    | 60532    | 61519    | 61341    | 1.20   | cps   |
| Rhodium    | 103-1 | 10519436 | 10495771 | 10195466 | 10403558 | 1.74   | cps   |
| Rhodium    | 103-2 | 5180335  | 5237746  | 5233631  | 5217237  | 0.61   | cps   |
| Scandium   | 45-1  | 7386006  | 7307665  | 7227724  | 7307132  | 1.08   | cps   |
| Scandium   | 45-2  | 379776   | 383068   | 385217   | 382687   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 137      | 111      | 115      | 121      | 11.59  | cps   |
| Selenium   | 82-1  | 211      | 186      | 90       | 162      | 39.56  | cps   |
| Silicon    | 28-1  | 643874   | 645105   | 644633   | 644537   | 0.10   | cps   |
| Silver     | 109-1 | 133      | 100      | 142      | 125      | 17.63  | cps   |
| Silver     | 107-1 | 158      | 133      | 150      | 147      | 8.65   | cps   |
| Sodium     | 23-2  | 49022    | 48153    | 48212    | 48462    | 1.00   | cps   |
| Strontium  | 86-1  | 1792     | 1867     | 1809     | 1822     | 2.16   | cps   |
| Strontium  | 88-1  | 717      | 750      | 842      | 770      | 8.41   | cps   |
| Sulfur     | 34-1  | 724824   | 725442   | 724614   | 724960   | 0.06   | cps   |
| Terbium    | 159-1 | 14074548 | 14138866 | 13771591 | 13995002 | 1.40   | cps   |
| Terbium    | 159-2 | 7413872  | 7449449  | 7493955  | 7452425  | 0.54   | cps   |
| Thallium   | 203-1 | 208      | 275      | 200      | 228      | 18.05  | cps   |
| Thallium   | 205-1 | 625      | 625      | 608      | 619      | 1.55   | cps   |
| Tin        | 118-1 | 1108     | 1125     | 1050     | 1095     | 3.60   | cps   |
| Titanium   | 47-1  | 225      | 208      | 208      | 214      | 4.50   | cps   |
| Uranium    | 238-1 | 275      | 267      | 308      | 283      | 7.78   | cps   |
| Vanadium   | 51-2  | 10       | 23       | 10       | 14       | 53.28  | cps   |
| Yttrium    | 89-1  | 11608008 | 11558216 | 11325546 | 11497257 | 1.31   | cps   |
| Yttrium    | 89-2  | 1919891  | 1953005  | 1956790  | 1943229  | 1.04   | cps   |
| Zinc       | 66-2  | 347      | 347      | 430      | 374      | 12.85  | cps   |
| Zirconium  | 90-1  | 775      | 758      | 833      | 789      | 4.99   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:41:16 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 167  | 158  | 156     | 8.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:44:41 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 167      | 117      | 133      | 139      | 18.33  | cps   |
| Antimony   | 121-1 | 67       | 75       | 117      | 86       | 31.11  | cps   |
| Arsenic    | 75-2  | 13       | 9        | 7        | 10       | 28.61  | cps   |
| Barium     | 135-1 | 142      | 92       | 58       | 97       | 43.14  | cps   |
| Barium     | 137-1 | 75       | 100      | 92       | 89       | 14.32  | cps   |
| Beryllium  | 9-1   | 17       | 17       | 33       | 22       | 43.28  | cps   |
| Bismuth    | 209-1 | 8422295  | 8631106  | 8758756  | 8604052  | 1.97   | cps   |
| Bismuth    | 209-2 | 5793232  | 5736092  | 5829043  | 5786123  | 0.81   | cps   |
| Boron      | 10-1  | 208      | 317      | 200      | 242      | 26.93  | cps   |
| Boron      | 11-1  | 1342     | 1350     | 1158     | 1283     | 8.44   | cps   |
| Cadmium    | 111-1 | 2882     | 2775     | 2683     | 2780     | 3.58   | cps   |
| Cadmium    | 106-1 | 4126     | 3959     | 3842     | 3976     | 3.58   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 21       | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 308      | 292      | 392      | 331      | 16.21  | cps   |
| Calcium    | 44-1  | 22743    | 23320    | 21850    | 22638    | 3.27   | cps   |
| Chromium   | 52-2  | 1813     | 1780     | 1800     | 1798     | 0.93   | cps   |
| Cobalt     | 59-2  | 50       | 63       | 67       | 60       | 14.70  | cps   |
| Copper     | 63-2  | 1670     | 1627     | 1573     | 1623     | 2.98   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 25       | 22       | 57.29  | cps   |
| Dysprosium | 156-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 58       | 67       | 67       | 64       | 7.53   | cps   |
| Erbium     | 164-2 | 20       | 27       | 13       | 20       | 33.35  | cps   |
| Gadolinium | 160-1 | 175      | 108      | 150      | 144      | 23.32  | cps   |
| Gadolinium | 160-2 | 147      | 120      | 107      | 124      | 16.37  | cps   |
| Holmium    | 165-1 | 13063729 | 13317304 | 13377887 | 13252974 | 1.26   | cps   |
| Holmium    | 165-2 | 7636986  | 7605442  | 7607066  | 7616498  | 0.23   | cps   |
| Indium     | 115-1 | 10636876 | 10898556 | 10960479 | 10831970 | 1.59   | cps   |
| Indium     | 115-2 | 2473353  | 2457837  | 2473449  | 2468213  | 0.36   | cps   |
| Iron       | 56-2  | 6946     | 6941     | 7180     | 7022     | 1.94   | cps   |
| Iron       | 57-2  | 356      | 417      | 350      | 374      | 9.89   | cps   |
| Lead       | 206-1 | 1156     | 1183     | 1145     | 1161     | 1.73   | cps   |
| Lead       | 207-1 | 1139     | 967      | 989      | 1032     | 9.08   | cps   |
| Lead       | 208-1 | 4789     | 4484     | 4795     | 4689     | 3.80   | cps   |
| Lithium    | 6-1   | 1849124  | 1867881  | 1869589  | 1862198  | 0.61   | cps   |
| Magnesium  | 24-2  | 375      | 342      | 367      | 361      | 4.80   | cps   |
| Manganese  | 55-2  | 93       | 87       | 70       | 83       | 14.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:44:41 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 233      | 250      | 167      | 217      | 20.35  | cps   |
| Molybdenum | 95-1  | 50       | 33       | 33       | 39       | 24.75  | cps   |
| Molybdenum | 96-1  | 75       | 125      | 92       | 97       | 26.19  | cps   |
| Molybdenum | 97-1  | 108      | 92       | 167      | 122      | 32.22  | cps   |
| Molybdenum | 98-1  | 100      | 33       | 133      | 89       | 57.29  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 73       | 90       | 90       | 84       | 11.40  | cps   |
| Phosphorus | 31-2  | 208      | 292      | 225      | 242      | 18.25  | cps   |
| Potassium  | 39-2  | 59688    | 59721    | 59612    | 59674    | 0.09   | cps   |
| Rhodium    | 103-1 | 10200621 | 10337718 | 10358256 | 10298865 | 0.83   | cps   |
| Rhodium    | 103-2 | 5302465  | 5290080  | 5340298  | 5310948  | 0.49   | cps   |
| Scandium   | 45-1  | 7125195  | 7254628  | 7129839  | 7169888  | 1.02   | cps   |
| Scandium   | 45-2  | 392234   | 387375   | 387917   | 389175   | 0.68   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 148      | 100      | 130      | 126      | 19.29  | cps   |
| Selenium   | 82-1  | 205      | 153      | 237      | 198      | 21.28  | cps   |
| Silicon    | 28-1  | 642568   | 635881   | 639557   | 639335   | 0.52   | cps   |
| Silver     | 109-1 | 58       | 75       | 92       | 75       | 22.22  | cps   |
| Silver     | 107-1 | 100      | 100      | 167      | 122      | 31.49  | cps   |
| Sodium     | 23-2  | 46565    | 45528    | 45737    | 45944    | 1.19   | cps   |
| Strontium  | 86-1  | 1717     | 1725     | 1959     | 1800     | 7.62   | cps   |
| Strontium  | 88-1  | 350      | 358      | 433      | 381      | 12.06  | cps   |
| Sulfur     | 34-1  | 731248   | 723353   | 734410   | 729670   | 0.78   | cps   |
| Terbium    | 159-1 | 13480494 | 13685440 | 13981026 | 13715653 | 1.83   | cps   |
| Terbium    | 159-2 | 7666818  | 7490571  | 7555116  | 7570835  | 1.18   | cps   |
| Thallium   | 203-1 | 133      | 192      | 158      | 161      | 18.17  | cps   |
| Thallium   | 205-1 | 392      | 383      | 200      | 325      | 33.33  | cps   |
| Tin        | 118-1 | 1017     | 2334     | 1250     | 1533     | 45.82  | cps   |
| Titanium   | 47-1  | 275      | 350      | 325      | 317      | 12.06  | cps   |
| Uranium    | 238-1 | 33       | 67       | 50       | 50       | 33.34  | cps   |
| Vanadium   | 51-2  | 17       | 13       | 33       | 21       | 50.75  | cps   |
| Yttrium    | 89-1  | 11292271 | 11345110 | 11378269 | 11338550 | 0.38   | cps   |
| Yttrium    | 89-2  | 1970658  | 1959266  | 1974830  | 1968251  | 0.41   | cps   |
| Zinc       | 66-2  | 383      | 330      | 323      | 346      | 9.52   | cps   |
| Zirconium  | 90-1  | 458      | 633      | 792      | 628      | 26.56  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:44:41 | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 142  | 133  | 136     | 3.53   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-30 Instrumnet Name : P7  
 Client Sample ID : DC16740-30-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:48:08 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3081     | 2235     | 1709     | 2342     | 29.57  | cps   |
| Antimony   | 121-1 | 992      | 1083     | 933      | 1003     | 7.54   | cps   |
| Arsenic    | 75-2  | 167      | 180      | 211      | 186      | 12.30  | cps   |
| Barium     | 135-1 | 62985    | 62943    | 62499    | 62809    | 0.43   | cps   |
| Barium     | 137-1 | 107533   | 108538   | 108471   | 108180   | 0.52   | cps   |
| Beryllium  | 9-1   | 22       | 33       | 44       | 33       | 33.35  | cps   |
| Bismuth    | 209-1 | 9390444  | 9483983  | 9273742  | 9382723  | 1.12   | cps   |
| Bismuth    | 209-2 | 5979407  | 5997742  | 6094910  | 6024020  | 1.03   | cps   |
| Boron      | 10-1  | 1809     | 1725     | 1825     | 1786     | 3.00   | cps   |
| Boron      | 11-1  | 8703     | 8878     | 8995     | 8858     | 1.66   | cps   |
| Cadmium    | 111-1 | 2993     | 2998     | 3013     | 3001     | 0.33   | cps   |
| Cadmium    | 106-1 | 4267     | 4251     | 4251     | 4256     | 0.23   | cps   |
| Cadmium    | 108-1 | 21       | 33       | 13       | 22       | 47.18  | cps   |
| Calcium    | 43-1  | 266003   | 265792   | 262269   | 264688   | 0.79   | cps   |
| Calcium    | 44-1  | 4403922  | 4412877  | 4367427  | 4394742  | 0.55   | cps   |
| Chromium   | 52-2  | 1907     | 1960     | 1830     | 1899     | 3.44   | cps   |
| Cobalt     | 59-2  | 300      | 283      | 253      | 279      | 8.48   | cps   |
| Copper     | 63-2  | 1085181  | 1084693  | 1078456  | 1082777  | 0.35   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 58       | 39       | 44.62  | cps   |
| Dysprosium | 156-2 | 30       | 23       | 23       | 26       | 15.07  | cps   |
| Erbium     | 164-1 | 67       | 92       | 125      | 94       | 30.99  | cps   |
| Erbium     | 164-2 | 60       | 67       | 57       | 61       | 8.33   | cps   |
| Gadolinium | 160-1 | 192      | 133      | 175      | 167      | 18.03  | cps   |
| Gadolinium | 160-2 | 187      | 163      | 190      | 180      | 8.07   | cps   |
| Holmium    | 165-1 | 14648171 | 14606596 | 14174108 | 14476291 | 1.81   | cps   |
| Holmium    | 165-2 | 7969936  | 8000656  | 7996299  | 7988963  | 0.21   | cps   |
| Indium     | 115-1 | 11904449 | 11734778 | 11703827 | 11781018 | 0.92   | cps   |
| Indium     | 115-2 | 2630321  | 2560314  | 2576810  | 2589148  | 1.41   | cps   |
| Iron       | 56-2  | 122149   | 124413   | 129470   | 125344   | 2.99   | cps   |
| Iron       | 57-2  | 4073     | 4284     | 3756     | 4038     | 6.58   | cps   |
| Lead       | 206-1 | 3273     | 3634     | 3667     | 3525     | 6.21   | cps   |
| Lead       | 207-1 | 2834     | 3028     | 2884     | 2915     | 3.46   | cps   |
| Lead       | 208-1 | 12970    | 14020    | 13531    | 13507    | 3.89   | cps   |
| Lithium    | 6-1   | 2012905  | 2022762  | 2016373  | 2017347  | 0.25   | cps   |
| Magnesium  | 24-2  | 429609   | 425200   | 425803   | 426871   | 0.56   | cps   |
| Manganese  | 55-2  | 34310    | 34066    | 33963    | 34113    | 0.52   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-30 Instrumnet Name : P7  
 Client Sample ID : DC16740-30-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:48:08 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 692      | 908      | 795      | 13.69  | cps   |
| Molybdenum | 95-1  | 333      | 300      | 317      | 317      | 5.26   | cps   |
| Molybdenum | 96-1  | 383      | 417      | 392      | 397      | 4.37   | cps   |
| Molybdenum | 97-1  | 275      | 325      | 375      | 325      | 15.38  | cps   |
| Molybdenum | 98-1  | 458      | 358      | 567      | 461      | 22.60  | cps   |
| Neodymium  | 150-1 | 40       | 27       | 33       | 33       | 19.99  | cps   |
| Neodymium  | 150-2 | 17       | 33       | 23       | 24       | 34.31  | cps   |
| Nickel     | 60-2  | 2370     | 2497     | 2517     | 2461     | 3.23   | cps   |
| Phosphorus | 31-2  | 7152     | 6902     | 6660     | 6905     | 3.56   | cps   |
| Potassium  | 39-2  | 251956   | 247295   | 247277   | 248843   | 1.08   | cps   |
| Rhodium    | 103-1 | 11247386 | 11086440 | 10995378 | 11109735 | 1.15   | cps   |
| Rhodium    | 103-2 | 5602438  | 5531412  | 5556895  | 5563581  | 0.65   | cps   |
| Scandium   | 45-1  | 7893314  | 7902478  | 7795627  | 7863806  | 0.75   | cps   |
| Scandium   | 45-2  | 401618   | 402410   | 406854   | 403628   | 0.70   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 133      | 113      | 106      | 117      | 12.27  | cps   |
| Selenium   | 82-1  | 307      | 206      | 296      | 270      | 20.47  | cps   |
| Silicon    | 28-1  | 9803733  | 9660028  | 9550965  | 9671575  | 1.31   | cps   |
| Silver     | 109-1 | 167      | 108      | 183      | 153      | 25.78  | cps   |
| Silver     | 107-1 | 175      | 158      | 225      | 186      | 18.64  | cps   |
| Sodium     | 23-2  | 7329452  | 7201357  | 7233869  | 7254893  | 0.92   | cps   |
| Strontium  | 86-1  | 99292    | 98797    | 95542    | 97877    | 2.08   | cps   |
| Strontium  | 88-1  | 852106   | 845577   | 835445   | 844376   | 0.99   | cps   |
| Sulfur     | 34-1  | 808654   | 805823   | 808261   | 807579   | 0.19   | cps   |
| Terbium    | 159-1 | 15239237 | 15046259 | 14963799 | 15083098 | 0.94   | cps   |
| Terbium    | 159-2 | 8002085  | 7867102  | 8001304  | 7956831  | 0.98   | cps   |
| Thallium   | 203-1 | 217      | 192      | 217      | 208      | 6.93   | cps   |
| Thallium   | 205-1 | 517      | 525      | 575      | 539      | 5.85   | cps   |
| Tin        | 118-1 | 700      | 692      | 775      | 722      | 6.36   | cps   |
| Titanium   | 47-1  | 1768     | 1075     | 1717     | 1520     | 25.42  | cps   |
| Uranium    | 238-1 | 408      | 600      | 500      | 503      | 19.07  | cps   |
| Vanadium   | 51-2  | 343      | 320      | 323      | 329      | 3.84   | cps   |
| Yttrium    | 89-1  | 12429659 | 12390106 | 12230791 | 12350185 | 0.85   | cps   |
| Yttrium    | 89-2  | 2091960  | 2067032  | 2087948  | 2082313  | 0.64   | cps   |
| Zinc       | 66-2  | 35844    | 34822    | 35714    | 35460    | 1.57   | cps   |
| Zirconium  | 90-1  | 1492     | 1258     | 1492     | 1414     | 9.53   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-30-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:48:08   | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 225  | 367  | 314     | 24.67  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-31-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:51:33   | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2725     | 2650     | 2592     | 2656     | 2.52   | cps   |
| Antimony   | 121-1 | 2617     | 2409     | 2709     | 2578     | 5.96   | cps   |
| Arsenic    | 75-2  | 228      | 170      | 178      | 192      | 16.27  | cps   |
| Barium     | 135-1 | 53287    | 55043    | 54642    | 54324    | 1.69   | cps   |
| Barium     | 137-1 | 96752    | 95085    | 93589    | 95142    | 1.66   | cps   |
| Beryllium  | 9-1   | 44       | 44       | 28       | 39       | 24.75  | cps   |
| Bismuth    | 209-1 | 9297313  | 9512278  | 9396312  | 9401968  | 1.14   | cps   |
| Bismuth    | 209-2 | 5873586  | 6091089  | 6354094  | 6106256  | 3.94   | cps   |
| Boron      | 10-1  | 1917     | 1900     | 1967     | 1928     | 1.80   | cps   |
| Boron      | 11-1  | 9737     | 8928     | 9287     | 9317     | 4.35   | cps   |
| Cadmium    | 111-1 | 3230     | 3080     | 2942     | 3084     | 4.67   | cps   |
| Cadmium    | 106-1 | 4418     | 4134     | 3951     | 4167     | 5.64   | cps   |
| Cadmium    | 108-1 | 42       | 38       | 46       | 42       | 10.00  | cps   |
| Calcium    | 43-1  | 258988   | 257573   | 259555   | 258705   | 0.39   | cps   |
| Calcium    | 44-1  | 4328723  | 4269142  | 4237773  | 4278546  | 1.08   | cps   |
| Chromium   | 52-2  | 1883     | 1944     | 2117     | 1981     | 6.12   | cps   |
| Cobalt     | 59-2  | 907      | 793      | 780      | 827      | 8.42   | cps   |
| Copper     | 63-2  | 1358678  | 1384336  | 1363750  | 1368921  | 0.99   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 67       | 67       | 0.00   | cps   |
| Dysprosium | 156-2 | 23       | 23       | 13       | 20       | 28.87  | cps   |
| Erbium     | 164-1 | 92       | 92       | 133      | 106      | 22.79  | cps   |
| Erbium     | 164-2 | 33       | 47       | 43       | 41       | 16.89  | cps   |
| Gadolinium | 160-1 | 192      | 200      | 267      | 219      | 18.73  | cps   |
| Gadolinium | 160-2 | 137      | 150      | 130      | 139      | 7.33   | cps   |
| Holmium    | 165-1 | 14482251 | 14633061 | 14431655 | 14515656 | 0.72   | cps   |
| Holmium    | 165-2 | 7948051  | 8024549  | 8226612  | 8066404  | 1.78   | cps   |
| Indium     | 115-1 | 11692806 | 11890416 | 11693966 | 11759063 | 0.97   | cps   |
| Indium     | 115-2 | 2534262  | 2596646  | 2700257  | 2610388  | 3.21   | cps   |
| Iron       | 56-2  | 116304   | 132652   | 116985   | 121980   | 7.58   | cps   |
| Iron       | 57-2  | 4028     | 3823     | 3690     | 3847     | 4.44   | cps   |
| Lead       | 206-1 | 20105    | 20260    | 19754    | 20040    | 1.29   | cps   |
| Lead       | 207-1 | 16906    | 17278    | 16694    | 16959    | 1.74   | cps   |
| Lead       | 208-1 | 78788    | 78464    | 77451    | 78234    | 0.89   | cps   |
| Lithium    | 6-1   | 2023614  | 2032193  | 2002991  | 2019600  | 0.74   | cps   |
| Magnesium  | 24-2  | 475762   | 483907   | 473745   | 477805   | 1.13   | cps   |
| Manganese  | 55-2  | 33662    | 34480    | 32860    | 33668    | 2.41   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-31-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:51:33   | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 875      | 708      | 808      | 797      | 10.52  | cps   |
| Molybdenum | 95-1  | 350      | 350      | 358      | 353      | 1.36   | cps   |
| Molybdenum | 96-1  | 458      | 417      | 408      | 428      | 6.26   | cps   |
| Molybdenum | 97-1  | 308      | 275      | 250      | 278      | 10.54  | cps   |
| Molybdenum | 98-1  | 525      | 608      | 450      | 528      | 15.01  | cps   |
| Neodymium  | 150-1 | 33       | 80       | 33       | 49       | 55.12  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 30       | 23       | 28.56  | cps   |
| Nickel     | 60-2  | 26918    | 27008    | 27292    | 27073    | 0.72   | cps   |
| Phosphorus | 31-2  | 4951     | 4618     | 4876     | 4815     | 3.63   | cps   |
| Potassium  | 39-2  | 249201   | 254529   | 249029   | 250920   | 1.25   | cps   |
| Rhodium    | 103-1 | 11169943 | 11164952 | 10924180 | 11086358 | 1.27   | cps   |
| Rhodium    | 103-2 | 5461577  | 5578304  | 5745451  | 5595111  | 2.55   | cps   |
| Scandium   | 45-1  | 7792233  | 7894829  | 7830411  | 7839158  | 0.66   | cps   |
| Scandium   | 45-2  | 402979   | 413697   | 422471   | 413049   | 2.36   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 146      | 104      | 117      | 21.44  | cps   |
| Selenium   | 82-1  | 305      | 388      | 242      | 312      | 23.36  | cps   |
| Silicon    | 28-1  | 9658452  | 9749531  | 9600084  | 9669356  | 0.78   | cps   |
| Silver     | 109-1 | 292      | 358      | 233      | 294      | 21.24  | cps   |
| Silver     | 107-1 | 417      | 317      | 442      | 392      | 16.89  | cps   |
| Sodium     | 23-2  | 7230305  | 7330821  | 7234089  | 7265072  | 0.78   | cps   |
| Strontium  | 86-1  | 92950    | 93244    | 91885    | 92693    | 0.77   | cps   |
| Strontium  | 88-1  | 807411   | 805673   | 801722   | 804935   | 0.36   | cps   |
| Sulfur     | 34-1  | 824045   | 817947   | 821042   | 821011   | 0.37   | cps   |
| Terbium    | 159-1 | 14962266 | 15085832 | 15012221 | 15020106 | 0.41   | cps   |
| Terbium    | 159-2 | 7923558  | 8003906  | 8299365  | 8075610  | 2.45   | cps   |
| Thallium   | 203-1 | 233      | 225      | 258      | 239      | 7.26   | cps   |
| Thallium   | 205-1 | 467      | 575      | 575      | 539      | 11.61  | cps   |
| Tin        | 118-1 | 1100     | 1000     | 900      | 1000     | 10.00  | cps   |
| Titanium   | 47-1  | 983      | 858      | 1084     | 975      | 11.57  | cps   |
| Uranium    | 238-1 | 192      | 158      | 183      | 178      | 9.76   | cps   |
| Vanadium   | 51-2  | 367      | 333      | 317      | 339      | 7.51   | cps   |
| Yttrium    | 89-1  | 12337546 | 12456059 | 12332720 | 12375442 | 0.56   | cps   |
| Yttrium    | 89-2  | 2032080  | 2078220  | 2112609  | 2074303  | 1.95   | cps   |
| Zinc       | 66-2  | 205882   | 210409   | 205988   | 207426   | 1.25   | cps   |
| Zirconium  | 90-1  | 1709     | 1542     | 1425     | 1558     | 9.14   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-31-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:51:33   | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 292  | 275  | 344     | 30.83  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-32-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:54:58   | DataFile Name :   | 104SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 817      | 850      | 975      | 881      | 9.48   | cps   |
| Antimony   | 121-1 | 950      | 1108     | 983      | 1014     | 8.23   | cps   |
| Arsenic    | 75-2  | 163      | 200      | 200      | 188      | 11.39  | cps   |
| Barium     | 135-1 | 57185    | 54650    | 55871    | 55902    | 2.27   | cps   |
| Barium     | 137-1 | 97868    | 97617    | 96736    | 97407    | 0.61   | cps   |
| Beryllium  | 9-1   | 28       | 50       | 44       | 41       | 28.38  | cps   |
| Bismuth    | 209-1 | 9310440  | 9588568  | 9442385  | 9447131  | 1.47   | cps   |
| Bismuth    | 209-2 | 6195690  | 6165039  | 6209266  | 6189999  | 0.37   | cps   |
| Boron      | 10-1  | 1942     | 1725     | 1600     | 1756     | 9.85   | cps   |
| Boron      | 11-1  | 9086     | 9445     | 8669     | 9067     | 4.28   | cps   |
| Cadmium    | 111-1 | 2791     | 3075     | 2753     | 2873     | 6.12   | cps   |
| Cadmium    | 106-1 | 3951     | 4343     | 3901     | 4065     | 5.95   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 21       | 19       | 12.35  | cps   |
| Calcium    | 43-1  | 263839   | 265152   | 258963   | 262651   | 1.24   | cps   |
| Calcium    | 44-1  | 4369287  | 4352636  | 4317179  | 4346368  | 0.61   | cps   |
| Chromium   | 52-2  | 1543     | 1747     | 1767     | 1686     | 7.33   | cps   |
| Cobalt     | 59-2  | 207      | 193      | 217      | 206      | 5.69   | cps   |
| Copper     | 63-2  | 1710971  | 1707210  | 1711698  | 1709960  | 0.14   | cps   |
| Dysprosium | 156-1 | 75       | 75       | 50       | 67       | 21.65  | cps   |
| Dysprosium | 156-2 | 23       | 17       | 17       | 19       | 20.36  | cps   |
| Erbium     | 164-1 | 83       | 83       | 67       | 78       | 12.37  | cps   |
| Erbium     | 164-2 | 47       | 37       | 50       | 44       | 15.61  | cps   |
| Gadolinium | 160-1 | 117      | 175      | 183      | 158      | 22.94  | cps   |
| Gadolinium | 160-2 | 190      | 187      | 160      | 179      | 9.19   | cps   |
| Holmium    | 165-1 | 14606650 | 14664432 | 14520428 | 14597170 | 0.50   | cps   |
| Holmium    | 165-2 | 8180746  | 8088787  | 8181277  | 8150270  | 0.65   | cps   |
| Indium     | 115-1 | 11971300 | 11886575 | 11718769 | 11858881 | 1.08   | cps   |
| Indium     | 115-2 | 2617436  | 2593641  | 2609383  | 2606820  | 0.46   | cps   |
| Iron       | 56-2  | 100264   | 99513    | 113501   | 104426   | 7.53   | cps   |
| Iron       | 57-2  | 3117     | 3534     | 3462     | 3371     | 6.61   | cps   |
| Lead       | 206-1 | 2734     | 2584     | 2678     | 2665     | 2.85   | cps   |
| Lead       | 207-1 | 2300     | 2228     | 2078     | 2202     | 5.15   | cps   |
| Lead       | 208-1 | 10685    | 10141    | 10413    | 10413    | 2.62   | cps   |
| Lithium    | 6-1   | 2027259  | 2052844  | 2045210  | 2041771  | 0.64   | cps   |
| Magnesium  | 24-2  | 422894   | 427311   | 425620   | 425275   | 0.52   | cps   |
| Manganese  | 55-2  | 19767    | 19276    | 19653    | 19565    | 1.31   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4680-32 Instrumnet Name : P7  
 Client Sample ID : DC16740-32-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 21:54:58 DataFile Name : 104SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 683      | 692      | 661      | 6.94   | cps   |
| Molybdenum | 95-1  | 250      | 408      | 300      | 319      | 25.34  | cps   |
| Molybdenum | 96-1  | 375      | 442      | 475      | 431      | 11.83  | cps   |
| Molybdenum | 97-1  | 250      | 233      | 233      | 239      | 4.03   | cps   |
| Molybdenum | 98-1  | 525      | 575      | 417      | 506      | 16.01  | cps   |
| Neodymium  | 150-1 | 73       | 33       | 13       | 40       | 76.39  | cps   |
| Neodymium  | 150-2 | 17       | 17       | 3        | 12       | 63.01  | cps   |
| Nickel     | 60-2  | 1980     | 2007     | 2124     | 2037     | 3.74   | cps   |
| Phosphorus | 31-2  | 7277     | 6919     | 6468     | 6888     | 5.88   | cps   |
| Potassium  | 39-2  | 250791   | 254183   | 253497   | 252824   | 0.71   | cps   |
| Rhodium    | 103-1 | 11211640 | 11225993 | 11066372 | 11168001 | 0.79   | cps   |
| Rhodium    | 103-2 | 5660184  | 5582411  | 5573666  | 5605420  | 0.85   | cps   |
| Scandium   | 45-1  | 7846428  | 7995140  | 7818416  | 7886661  | 1.20   | cps   |
| Scandium   | 45-2  | 416775   | 416042   | 420070   | 417629   | 0.51   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 133      | 131      | 100      | 122      | 15.41  | cps   |
| Selenium   | 82-1  | 235      | 369      | 258      | 287      | 25.06  | cps   |
| Silicon    | 28-1  | 9667013  | 9716955  | 9631976  | 9671981  | 0.44   | cps   |
| Silver     | 109-1 | 383      | 325      | 392      | 367      | 9.91   | cps   |
| Silver     | 107-1 | 500      | 458      | 417      | 458      | 9.09   | cps   |
| Sodium     | 23-2  | 7259450  | 7259970  | 7265782  | 7261734  | 0.05   | cps   |
| Strontium  | 86-1  | 94888    | 94651    | 94963    | 94834    | 0.17   | cps   |
| Strontium  | 88-1  | 819374   | 816309   | 810517   | 815400   | 0.55   | cps   |
| Sulfur     | 34-1  | 840467   | 843993   | 842968   | 842476   | 0.22   | cps   |
| Terbium    | 159-1 | 15238621 | 15133542 | 15034312 | 15135492 | 0.68   | cps   |
| Terbium    | 159-2 | 8069506  | 8069174  | 7968535  | 8035738  | 0.72   | cps   |
| Thallium   | 203-1 | 283      | 192      | 225      | 233      | 19.88  | cps   |
| Thallium   | 205-1 | 642      | 608      | 600      | 617      | 3.58   | cps   |
| Tin        | 118-1 | 683      | 592      | 733      | 669      | 10.73  | cps   |
| Titanium   | 47-1  | 1500     | 1017     | 1250     | 1256     | 19.25  | cps   |
| Uranium    | 238-1 | 233      | 317      | 267      | 272      | 15.41  | cps   |
| Vanadium   | 51-2  | 357      | 300      | 333      | 330      | 8.63   | cps   |
| Yttrium    | 89-1  | 12390510 | 12485555 | 12323297 | 12399787 | 0.66   | cps   |
| Yttrium    | 89-2  | 2094575  | 2098381  | 2107208  | 2100055  | 0.31   | cps   |
| Zinc       | 66-2  | 15285    | 15298    | 15081    | 15221    | 0.80   | cps   |
| Zirconium  | 90-1  | 1375     | 1400     | 1342     | 1372     | 2.13   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4680-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC16740-32-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:54:58   | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 300  | 283  | 292     | 2.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:58:23 | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 108      | 183      | 125      | 139      | 28.35  | cps   |
| Antimony   | 121-1 | 67       | 67       | 83       | 72       | 13.33  | cps   |
| Arsenic    | 75-2  | 15       | 7        | 9        | 10       | 36.70  | cps   |
| Barium     | 135-1 | 100      | 92       | 75       | 89       | 14.32  | cps   |
| Barium     | 137-1 | 183      | 67       | 58       | 103      | 68.00  | cps   |
| Beryllium  | 9-1   | 39       | 44       | 22       | 35       | 32.88  | cps   |
| Bismuth    | 209-1 | 8682671  | 9042634  | 8866850  | 8864052  | 2.03   | cps   |
| Bismuth    | 209-2 | 5718740  | 5833256  | 5795988  | 5782661  | 1.01   | cps   |
| Boron      | 10-1  | 333      | 325      | 450      | 369      | 18.92  | cps   |
| Boron      | 11-1  | 1625     | 1850     | 1834     | 1770     | 7.09   | cps   |
| Cadmium    | 111-1 | 2829     | 2833     | 2574     | 2745     | 5.41   | cps   |
| Cadmium    | 106-1 | 4034     | 4034     | 3667     | 3912     | 5.41   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 8        | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 292      | 275      | 233      | 267      | 11.27  | cps   |
| Calcium    | 44-1  | 22268    | 22502    | 22251    | 22340    | 0.63   | cps   |
| Chromium   | 52-2  | 1720     | 1883     | 1823     | 1809     | 4.57   | cps   |
| Cobalt     | 59-2  | 30       | 50       | 50       | 43       | 26.65  | cps   |
| Copper     | 63-2  | 1853     | 1793     | 1727     | 1791     | 3.54   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 0        | 17       | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 42       | 25       | 67       | 44       | 47.19  | cps   |
| Erbium     | 164-2 | 20       | 10       | 20       | 17       | 34.64  | cps   |
| Gadolinium | 160-1 | 117      | 142      | 167      | 142      | 17.65  | cps   |
| Gadolinium | 160-2 | 177      | 143      | 147      | 156      | 11.80  | cps   |
| Holmium    | 165-1 | 13421882 | 13595650 | 13485515 | 13501016 | 0.65   | cps   |
| Holmium    | 165-2 | 7574285  | 7729213  | 7627491  | 7643663  | 1.03   | cps   |
| Indium     | 115-1 | 10975636 | 11183053 | 11110843 | 11089844 | 0.95   | cps   |
| Indium     | 115-2 | 2459006  | 2472307  | 2474955  | 2468756  | 0.35   | cps   |
| Iron       | 56-2  | 7302     | 7458     | 7669     | 7476     | 2.46   | cps   |
| Iron       | 57-2  | 406      | 389      | 383      | 393      | 2.95   | cps   |
| Lead       | 206-1 | 978      | 900      | 883      | 920      | 5.48   | cps   |
| Lead       | 207-1 | 872      | 933      | 839      | 882      | 5.43   | cps   |
| Lead       | 208-1 | 3706     | 3900     | 3795     | 3800     | 2.56   | cps   |
| Lithium    | 6-1   | 1898102  | 1918982  | 1938534  | 1918539  | 1.05   | cps   |
| Magnesium  | 24-2  | 325      | 225      | 342      | 297      | 21.23  | cps   |
| Manganese  | 55-2  | 77       | 67       | 50       | 64       | 20.91  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:58:23 | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 133      | 200      | 275      | 203      | 34.95  | cps   |
| Molybdenum | 95-1  | 50       | 67       | 42       | 53       | 24.12  | cps   |
| Molybdenum | 96-1  | 50       | 108      | 158      | 106      | 51.37  | cps   |
| Molybdenum | 97-1  | 117      | 142      | 125      | 128      | 9.96   | cps   |
| Molybdenum | 98-1  | 50       | 50       | 42       | 47       | 10.18  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 17       | 3        | 7        | 132.33 | cps   |
| Nickel     | 60-2  | 60       | 90       | 43       | 64       | 36.70  | cps   |
| Phosphorus | 31-2  | 208      | 167      | 167      | 181      | 13.32  | cps   |
| Potassium  | 39-2  | 61955    | 63646    | 62592    | 62731    | 1.36   | cps   |
| Rhodium    | 103-1 | 10325005 | 10642221 | 10383011 | 10450079 | 1.62   | cps   |
| Rhodium    | 103-2 | 5300572  | 5355045  | 5345756  | 5333791  | 0.55   | cps   |
| Scandium   | 45-1  | 7290688  | 7498179  | 7355717  | 7381528  | 1.44   | cps   |
| Scandium   | 45-2  | 384869   | 386833   | 385480   | 385727   | 0.26   | cps   |
| Selenium   | 77-2  | 0        | 10       | 7        | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 120      | 109      | 94       | 108      | 12.04  | cps   |
| Selenium   | 82-1  | 180      | 224      | 203      | 202      | 10.88  | cps   |
| Silicon    | 28-1  | 633028   | 628708   | 633407   | 631714   | 0.41   | cps   |
| Silver     | 109-1 | 133      | 117      | 133      | 128      | 7.53   | cps   |
| Silver     | 107-1 | 208      | 167      | 142      | 172      | 19.56  | cps   |
| Sodium     | 23-2  | 46991    | 47719    | 48446    | 47719    | 1.52   | cps   |
| Strontium  | 86-1  | 1709     | 1734     | 1792     | 1745     | 2.45   | cps   |
| Strontium  | 88-1  | 500      | 383      | 492      | 458      | 14.20  | cps   |
| Sulfur     | 34-1  | 764881   | 768762   | 759624   | 764422   | 0.60   | cps   |
| Terbium    | 159-1 | 14008351 | 14365191 | 14059785 | 14144442 | 1.36   | cps   |
| Terbium    | 159-2 | 7609528  | 7665139  | 7636283  | 7636983  | 0.36   | cps   |
| Thallium   | 203-1 | 167      | 283      | 125      | 192      | 42.82  | cps   |
| Thallium   | 205-1 | 517      | 458      | 492      | 489      | 5.99   | cps   |
| Tin        | 118-1 | 1117     | 1258     | 1192     | 1189     | 5.96   | cps   |
| Titanium   | 47-1  | 283      | 325      | 283      | 297      | 8.09   | cps   |
| Uranium    | 238-1 | 75       | 33       | 58       | 56       | 37.75  | cps   |
| Vanadium   | 51-2  | 10       | 17       | 17       | 14       | 26.66  | cps   |
| Yttrium    | 89-1  | 11534508 | 11812644 | 11488476 | 11611876 | 1.51   | cps   |
| Yttrium    | 89-2  | 1964073  | 1991312  | 1985023  | 1980136  | 0.72   | cps   |
| Zinc       | 66-2  | 227      | 287      | 280      | 264      | 12.44  | cps   |
| Zirconium  | 90-1  | 650      | 800      | 658      | 703      | 11.99  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 21:58:23 | DataFile Name :   | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 167  | 100  | 150     | 29.40  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : PB101398BS Instrumnet Name : P7  
 Client Sample ID : PB101398BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:01:49 DataFile Name : 106SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 825      | 692      | 725      | 747      | 9.29   | cps   |
| Antimony   | 121-1 | 142      | 133      | 125      | 133      | 6.25   | cps   |
| Arsenic    | 75-2  | 9        | 20       | 11       | 14       | 43.83  | cps   |
| Barium     | 135-1 | 83       | 83       | 150      | 106      | 36.46  | cps   |
| Barium     | 137-1 | 108      | 133      | 183      | 142      | 26.96  | cps   |
| Beryllium  | 9-1   | 50       | 33       | 28       | 37       | 31.22  | cps   |
| Bismuth    | 209-1 | 8887616  | 8909848  | 9042078  | 8946514  | 0.93   | cps   |
| Bismuth    | 209-2 | 6001745  | 5707330  | 5862082  | 5857052  | 2.51   | cps   |
| Boron      | 10-1  | 475      | 358      | 508      | 447      | 17.61  | cps   |
| Boron      | 11-1  | 2342     | 2292     | 2059     | 2231     | 6.78   | cps   |
| Cadmium    | 111-1 | 2916     | 3012     | 3223     | 3050     | 5.16   | cps   |
| Cadmium    | 106-1 | 4176     | 4318     | 4618     | 4370     | 5.16   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 25       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 350      | 383      | 450      | 394      | 12.91  | cps   |
| Calcium    | 44-1  | 24071    | 24513    | 24204    | 24263    | 0.94   | cps   |
| Chromium   | 52-2  | 2020     | 1940     | 1957     | 1972     | 2.14   | cps   |
| Cobalt     | 59-2  | 100      | 107      | 80       | 96       | 14.52  | cps   |
| Copper     | 63-2  | 1740     | 1710     | 1463     | 1638     | 9.27   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 25       | 25       | 50       | 33       | 43.30  | cps   |
| Erbium     | 164-2 | 33       | 10       | 20       | 21       | 55.45  | cps   |
| Gadolinium | 160-1 | 142      | 125      | 133      | 133      | 6.25   | cps   |
| Gadolinium | 160-2 | 163      | 137      | 147      | 149      | 9.05   | cps   |
| Holmium    | 165-1 | 13593328 | 13856585 | 13888108 | 13779340 | 1.17   | cps   |
| Holmium    | 165-2 | 7817947  | 7598733  | 7770298  | 7728993  | 1.49   | cps   |
| Indium     | 115-1 | 11169016 | 11277110 | 11406873 | 11284333 | 1.06   | cps   |
| Indium     | 115-2 | 2538797  | 2426460  | 2501006  | 2488754  | 2.30   | cps   |
| Iron       | 56-2  | 9748     | 9537     | 9437     | 9574     | 1.66   | cps   |
| Iron       | 57-2  | 378      | 444      | 406      | 409      | 8.18   | cps   |
| Lead       | 206-1 | 5424561  | 5413216  | 5454259  | 5430679  | 0.39   | cps   |
| Lead       | 207-1 | 4874663  | 4802181  | 4831851  | 4836232  | 0.75   | cps   |
| Lead       | 208-1 | 22112579 | 21978160 | 22013223 | 22034654 | 0.32   | cps   |
| Lithium    | 6-1   | 1920942  | 1954198  | 1969461  | 1948200  | 1.27   | cps   |
| Magnesium  | 24-2  | 442      | 408      | 350      | 400      | 11.60  | cps   |
| Manganese  | 55-2  | 120      | 120      | 120      | 120      | 0.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:01:49 | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 375      | 425      | 342      | 381      | 11.02  | cps   |
| Molybdenum | 95-1  | 133      | 150      | 158      | 147      | 8.65   | cps   |
| Molybdenum | 96-1  | 142      | 158      | 142      | 147      | 6.54   | cps   |
| Molybdenum | 97-1  | 158      | 117      | 167      | 147      | 18.20  | cps   |
| Molybdenum | 98-1  | 267      | 225      | 342      | 278      | 21.29  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 127      | 60       | 77       | 88       | 39.53  | cps   |
| Phosphorus | 31-2  | 183      | 283      | 150      | 206      | 33.76  | cps   |
| Potassium  | 39-2  | 63353    | 64240    | 64742    | 64112    | 1.10   | cps   |
| Rhodium    | 103-1 | 10719745 | 10696692 | 10651400 | 10689279 | 0.33   | cps   |
| Rhodium    | 103-2 | 5477894  | 5273480  | 5407740  | 5386372  | 1.93   | cps   |
| Scandium   | 45-1  | 7454613  | 7461947  | 7538128  | 7484896  | 0.62   | cps   |
| Scandium   | 45-2  | 401667   | 379762   | 384716   | 388715   | 2.96   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 107      | 107      | 141      | 119      | 16.24  | cps   |
| Selenium   | 82-1  | 101      | 235      | 259      | 198      | 42.96  | cps   |
| Silicon    | 28-1  | 635125   | 635188   | 630575   | 633629   | 0.42   | cps   |
| Silver     | 109-1 | 133      | 142      | 108      | 128      | 13.57  | cps   |
| Silver     | 107-1 | 250      | 217      | 183      | 217      | 15.39  | cps   |
| Sodium     | 23-2  | 47468    | 47000    | 46473    | 46980    | 1.06   | cps   |
| Strontium  | 86-1  | 1742     | 1792     | 1567     | 1700     | 6.95   | cps   |
| Strontium  | 88-1  | 750      | 800      | 767      | 772      | 3.30   | cps   |
| Sulfur     | 34-1  | 778591   | 773622   | 782730   | 778314   | 0.59   | cps   |
| Terbium    | 159-1 | 14253993 | 14384346 | 14366767 | 14335035 | 0.49   | cps   |
| Terbium    | 159-2 | 7884778  | 7518787  | 7695831  | 7699799  | 2.38   | cps   |
| Thallium   | 203-1 | 267      | 200      | 167      | 211      | 24.12  | cps   |
| Thallium   | 205-1 | 583      | 475      | 500      | 519      | 10.92  | cps   |
| Tin        | 118-1 | 1083     | 1075     | 1067     | 1075     | 0.78   | cps   |
| Titanium   | 47-1  | 267      | 242      | 292      | 267      | 9.37   | cps   |
| Uranium    | 238-1 | 283      | 225      | 300      | 269      | 14.62  | cps   |
| Vanadium   | 51-2  | 13       | 17       | 17       | 16       | 12.40  | cps   |
| Yttrium    | 89-1  | 11711408 | 11805742 | 11736096 | 11751082 | 0.42   | cps   |
| Yttrium    | 89-2  | 2032415  | 1962495  | 2007548  | 2000819  | 1.77   | cps   |
| Zinc       | 66-2  | 537      | 687      | 730      | 651      | 15.58  | cps   |
| Zirconium  | 90-1  | 633      | 933      | 783      | 783      | 19.15  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101398BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101398BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:01:49 | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 117  | 192  | 153     | 24.60  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4678-01 Instrumnet Name : P7  
 Client Sample ID : DC25820-43-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:05:15 DataFile Name : 107SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1892     | 1825     | 2743     | 2153     | 23.77  | cps   |
| Antimony   | 121-1 | 758      | 758      | 742      | 753      | 1.28   | cps   |
| Arsenic    | 75-2  | 209      | 222      | 211      | 214      | 3.28   | cps   |
| Barium     | 135-1 | 53479    | 52734    | 52366    | 52860    | 1.07   | cps   |
| Barium     | 137-1 | 93053    | 92995    | 90427    | 92158    | 1.63   | cps   |
| Beryllium  | 9-1   | 50       | 39       | 50       | 46       | 13.85  | cps   |
| Bismuth    | 209-1 | 9095342  | 9315456  | 9388040  | 9266279  | 1.64   | cps   |
| Bismuth    | 209-2 | 6088202  | 6074436  | 6134048  | 6098895  | 0.51   | cps   |
| Boron      | 10-1  | 1700     | 1725     | 1750     | 1725     | 1.45   | cps   |
| Boron      | 11-1  | 9020     | 9045     | 8753     | 8939     | 1.81   | cps   |
| Cadmium    | 111-1 | 3349     | 3253     | 3017     | 3206     | 5.32   | cps   |
| Cadmium    | 106-1 | 4543     | 4359     | 4034     | 4312     | 5.97   | cps   |
| Cadmium    | 108-1 | 21       | 33       | 33       | 29       | 24.75  | cps   |
| Calcium    | 43-1  | 264874   | 260625   | 261941   | 262480   | 0.83   | cps   |
| Calcium    | 44-1  | 4340476  | 4284984  | 4355273  | 4326911  | 0.86   | cps   |
| Chromium   | 52-2  | 1857     | 1880     | 1703     | 1813     | 5.29   | cps   |
| Cobalt     | 59-2  | 183      | 113      | 143      | 147      | 23.94  | cps   |
| Copper     | 63-2  | 267586   | 267485   | 268913   | 267995   | 0.30   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 67       | 83       | 26.46  | cps   |
| Dysprosium | 156-2 | 40       | 60       | 47       | 49       | 20.83  | cps   |
| Erbium     | 164-1 | 108      | 75       | 42       | 75       | 44.44  | cps   |
| Erbium     | 164-2 | 97       | 70       | 73       | 80       | 18.17  | cps   |
| Gadolinium | 160-1 | 192      | 250      | 167      | 203      | 21.09  | cps   |
| Gadolinium | 160-2 | 207      | 180      | 173      | 187      | 9.45   | cps   |
| Holmium    | 165-1 | 14242712 | 14183811 | 14238912 | 14221812 | 0.23   | cps   |
| Holmium    | 165-2 | 8049520  | 7948690  | 8188539  | 8062249  | 1.49   | cps   |
| Indium     | 115-1 | 11627659 | 11820425 | 11746503 | 11731529 | 0.83   | cps   |
| Indium     | 115-2 | 2608584  | 2585035  | 2593031  | 2595550  | 0.46   | cps   |
| Iron       | 56-2  | 74098    | 73917    | 72959    | 73658    | 0.83   | cps   |
| Iron       | 57-2  | 2561     | 2806     | 2717     | 2695     | 4.59   | cps   |
| Lead       | 206-1 | 4106     | 3845     | 3728     | 3893     | 4.97   | cps   |
| Lead       | 207-1 | 3601     | 3506     | 3256     | 3454     | 5.15   | cps   |
| Lead       | 208-1 | 15876    | 15565    | 15104    | 15515    | 2.51   | cps   |
| Lithium    | 6-1   | 2024830  | 2037407  | 2035891  | 2032709  | 0.34   | cps   |
| Magnesium  | 24-2  | 418838   | 418303   | 421143   | 419428   | 0.36   | cps   |
| Manganese  | 55-2  | 29009    | 30052    | 29530    | 29530    | 1.77   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4678-01 Instrumnet Name : P7  
 Client Sample ID : DC25820-43-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:05:15 DataFile Name : 107SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 725      | 775      | 722      | 7.51   | cps   |
| Molybdenum | 95-1  | 233      | 275      | 233      | 247      | 9.73   | cps   |
| Molybdenum | 96-1  | 375      | 458      | 450      | 428      | 10.73  | cps   |
| Molybdenum | 97-1  | 250      | 275      | 333      | 286      | 14.95  | cps   |
| Molybdenum | 98-1  | 517      | 467      | 592      | 525      | 11.98  | cps   |
| Neodymium  | 150-1 | 67       | 33       | 60       | 53       | 33.08  | cps   |
| Neodymium  | 150-2 | 30       | 13       | 27       | 23       | 37.81  | cps   |
| Nickel     | 60-2  | 393      | 490      | 503      | 462      | 12.99  | cps   |
| Phosphorus | 31-2  | 7586     | 7869     | 7602     | 7686     | 2.07   | cps   |
| Potassium  | 39-2  | 238149   | 239173   | 238925   | 238749   | 0.22   | cps   |
| Rhodium    | 103-1 | 10984335 | 10985028 | 11102913 | 11024092 | 0.62   | cps   |
| Rhodium    | 103-2 | 5618493  | 5564944  | 5559827  | 5581088  | 0.58   | cps   |
| Scandium   | 45-1  | 7616155  | 7727472  | 7807820  | 7717149  | 1.25   | cps   |
| Scandium   | 45-2  | 409900   | 406242   | 415901   | 410681   | 1.19   | cps   |
| Selenium   | 77-2  | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Selenium   | 78-2  | 126      | 98       | 128      | 117      | 14.15  | cps   |
| Selenium   | 82-1  | 94       | 223      | 183      | 167      | 39.52  | cps   |
| Silicon    | 28-1  | 9117733  | 8973702  | 9095226  | 9062220  | 0.85   | cps   |
| Silver     | 109-1 | 117      | 142      | 217      | 158      | 32.87  | cps   |
| Silver     | 107-1 | 183      | 142      | 133      | 153      | 17.53  | cps   |
| Sodium     | 23-2  | 6948826  | 6916563  | 6946441  | 6937277  | 0.26   | cps   |
| Strontium  | 86-1  | 88606    | 87877    | 87877    | 88120    | 0.48   | cps   |
| Strontium  | 88-1  | 750706   | 754603   | 753764   | 753024   | 0.27   | cps   |
| Sulfur     | 34-1  | 840913   | 840279   | 833662   | 838285   | 0.48   | cps   |
| Terbium    | 159-1 | 14777479 | 15064572 | 15035121 | 14959057 | 1.06   | cps   |
| Terbium    | 159-2 | 7983555  | 8095616  | 8072889  | 8050687  | 0.74   | cps   |
| Thallium   | 203-1 | 208      | 200      | 317      | 242      | 26.93  | cps   |
| Thallium   | 205-1 | 458      | 592      | 433      | 494      | 17.22  | cps   |
| Tin        | 118-1 | 575      | 683      | 717      | 658      | 11.25  | cps   |
| Titanium   | 47-1  | 1333     | 1308     | 1117     | 1253     | 9.46   | cps   |
| Uranium    | 238-1 | 592      | 542      | 550      | 561      | 4.77   | cps   |
| Vanadium   | 51-2  | 353      | 403      | 327      | 361      | 10.78  | cps   |
| Yttrium    | 89-1  | 12134400 | 12179682 | 12311944 | 12208675 | 0.76   | cps   |
| Yttrium    | 89-2  | 2088946  | 2063851  | 2083680  | 2078825  | 0.64   | cps   |
| Zinc       | 66-2  | 26611    | 25873    | 26584    | 26356    | 1.59   | cps   |
| Zirconium  | 90-1  | 1617     | 1850     | 1734     | 1734     | 6.73   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-43-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:05:15   | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 317  | 325  | 325     | 2.56   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4678-02 Instrumnet Name : P7  
 Client Sample ID : DC25820-44-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:08:40 DataFile Name : 108SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1350     | 1475     | 1442     | 1422     | 4.56   | cps   |
| Antimony   | 121-1 | 892      | 917      | 867      | 892      | 2.80   | cps   |
| Arsenic    | 75-2  | 191      | 176      | 183      | 183      | 4.04   | cps   |
| Barium     | 135-1 | 64910    | 62424    | 61428    | 62921    | 2.85   | cps   |
| Barium     | 137-1 | 112109   | 111193   | 109722   | 111008   | 1.08   | cps   |
| Beryllium  | 9-1   | 50       | 50       | 28       | 43       | 30.12  | cps   |
| Bismuth    | 209-1 | 9404219  | 9256859  | 9270890  | 9310656  | 0.87   | cps   |
| Bismuth    | 209-2 | 5965595  | 5942334  | 6022108  | 5976679  | 0.69   | cps   |
| Boron      | 10-1  | 1859     | 1659     | 1700     | 1739     | 6.07   | cps   |
| Boron      | 11-1  | 8619     | 8661     | 8895     | 8725     | 1.70   | cps   |
| Cadmium    | 111-1 | 3706     | 3779     | 3653     | 3713     | 1.69   | cps   |
| Cadmium    | 106-1 | 4126     | 4176     | 3884     | 4062     | 3.84   | cps   |
| Cadmium    | 108-1 | 46       | 88       | 88       | 74       | 32.68  | cps   |
| Calcium    | 43-1  | 266493   | 263975   | 263025   | 264497   | 0.68   | cps   |
| Calcium    | 44-1  | 4382352  | 4391006  | 4353802  | 4375720  | 0.44   | cps   |
| Chromium   | 52-2  | 1863     | 1857     | 1883     | 1868     | 0.74   | cps   |
| Cobalt     | 59-2  | 150      | 113      | 150      | 138      | 15.36  | cps   |
| Copper     | 63-2  | 797990   | 794724   | 798450   | 797055   | 0.25   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 33       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 37       | 13       | 33       | 28       | 45.44  | cps   |
| Erbium     | 164-1 | 92       | 117      | 67       | 92       | 27.27  | cps   |
| Erbium     | 164-2 | 40       | 60       | 37       | 46       | 27.70  | cps   |
| Gadolinium | 160-1 | 133      | 225      | 183      | 181      | 25.42  | cps   |
| Gadolinium | 160-2 | 177      | 150      | 133      | 153      | 14.25  | cps   |
| Holmium    | 165-1 | 14450488 | 14390948 | 14431058 | 14424165 | 0.21   | cps   |
| Holmium    | 165-2 | 7778350  | 7850756  | 7819916  | 7816340  | 0.46   | cps   |
| Indium     | 115-1 | 11736903 | 11744243 | 11675305 | 11718817 | 0.32   | cps   |
| Indium     | 115-2 | 2556974  | 2547322  | 2557310  | 2553869  | 0.22   | cps   |
| Iron       | 56-2  | 59884    | 58010    | 69321    | 62405    | 9.71   | cps   |
| Iron       | 57-2  | 2478     | 2934     | 2411     | 2608     | 10.91  | cps   |
| Lead       | 206-1 | 18697    | 19092    | 18764    | 18851    | 1.12   | cps   |
| Lead       | 207-1 | 15815    | 15087    | 14592    | 15165    | 4.06   | cps   |
| Lead       | 208-1 | 72702    | 70952    | 70770    | 71475    | 1.49   | cps   |
| Lithium    | 6-1   | 2046920  | 2012888  | 2007317  | 2022375  | 1.06   | cps   |
| Magnesium  | 24-2  | 431460   | 430874   | 431317   | 431217   | 0.07   | cps   |
| Manganese  | 55-2  | 24567    | 24664    | 24824    | 24685    | 0.53   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-44-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:08:40   | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 742      | 642      | 694      | 7.23   | cps   |
| Molybdenum | 95-1  | 267      | 233      | 267      | 256      | 7.53   | cps   |
| Molybdenum | 96-1  | 392      | 425      | 442      | 419      | 6.07   | cps   |
| Molybdenum | 97-1  | 300      | 267      | 208      | 258      | 17.96  | cps   |
| Molybdenum | 98-1  | 492      | 417      | 525      | 478      | 11.61  | cps   |
| Neodymium  | 150-1 | 60       | 33       | 40       | 44       | 31.23  | cps   |
| Neodymium  | 150-2 | 17       | 0        | 20       | 12       | 87.67  | cps   |
| Nickel     | 60-2  | 553      | 527      | 580      | 553      | 4.82   | cps   |
| Phosphorus | 31-2  | 6994     | 7227     | 7102     | 7108     | 1.64   | cps   |
| Potassium  | 39-2  | 240281   | 242110   | 242017   | 241469   | 0.43   | cps   |
| Rhodium    | 103-1 | 11110675 | 10924455 | 10957431 | 10997520 | 0.90   | cps   |
| Rhodium    | 103-2 | 5451573  | 5440972  | 5503223  | 5465256  | 0.61   | cps   |
| Scandium   | 45-1  | 7779410  | 7699662  | 7713163  | 7730745  | 0.55   | cps   |
| Scandium   | 45-2  | 403349   | 402925   | 405405   | 403893   | 0.33   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 128      | 106      | 110      | 13.95  | cps   |
| Selenium   | 82-1  | 227      | 144      | 277      | 216      | 31.07  | cps   |
| Silicon    | 28-1  | 9124644  | 9288862  | 9042077  | 9151861  | 1.37   | cps   |
| Silver     | 109-1 | 317      | 358      | 233      | 303      | 21.02  | cps   |
| Silver     | 107-1 | 258      | 225      | 475      | 319      | 42.49  | cps   |
| Sodium     | 23-2  | 7045317  | 7041467  | 7049167  | 7045317  | 0.05   | cps   |
| Strontium  | 86-1  | 94140    | 92808    | 91970    | 92972    | 1.18   | cps   |
| Strontium  | 88-1  | 797408   | 793083   | 780705   | 790399   | 1.10   | cps   |
| Sulfur     | 34-1  | 830806   | 825120   | 823172   | 826366   | 0.48   | cps   |
| Terbium    | 159-1 | 15098350 | 14881177 | 14953029 | 14977519 | 0.74   | cps   |
| Terbium    | 159-2 | 7989075  | 7872710  | 7913686  | 7925157  | 0.74   | cps   |
| Thallium   | 203-1 | 308      | 233      | 225      | 256      | 17.96  | cps   |
| Thallium   | 205-1 | 575      | 625      | 558      | 586      | 5.92   | cps   |
| Tin        | 118-1 | 717      | 925      | 742      | 795      | 14.32  | cps   |
| Titanium   | 47-1  | 1233     | 1075     | 1183     | 1164     | 6.95   | cps   |
| Uranium    | 238-1 | 508      | 500      | 558      | 522      | 6.04   | cps   |
| Vanadium   | 51-2  | 370      | 310      | 350      | 343      | 8.90   | cps   |
| Yttrium    | 89-1  | 12414237 | 12317346 | 12166059 | 12299214 | 1.02   | cps   |
| Yttrium    | 89-2  | 2035257  | 2026173  | 2051689  | 2037707  | 0.63   | cps   |
| Zinc       | 66-2  | 99889    | 98536    | 98969    | 99131    | 0.70   | cps   |
| Zirconium  | 90-1  | 1542     | 1217     | 1509     | 1422     | 12.57  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4678-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-44-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:08:40   | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 317  | 300  | 278     | 19.29  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4616-10 Instrumnet Name : P7  
 Client Sample ID : DC25820-46-FL1-BRD-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:12:06 DataFile Name : 109SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1884     | 1625     | 1684     | 1731     | 7.84   | cps   |
| Antimony   | 121-1 | 975      | 592      | 933      | 833      | 25.24  | cps   |
| Arsenic    | 75-2  | 143      | 176      | 194      | 171      | 15.37  | cps   |
| Barium     | 135-1 | 57277    | 58374    | 56181    | 57277    | 1.91   | cps   |
| Barium     | 137-1 | 100429   | 99145    | 99036    | 99537    | 0.78   | cps   |
| Beryllium  | 9-1   | 33       | 44       | 61       | 46       | 30.20  | cps   |
| Bismuth    | 209-1 | 9320969  | 9280220  | 9277862  | 9293017  | 0.26   | cps   |
| Bismuth    | 209-2 | 6160005  | 6039277  | 6025757  | 6075013  | 1.22   | cps   |
| Boron      | 10-1  | 1734     | 1700     | 1717     | 1717     | 0.97   | cps   |
| Boron      | 11-1  | 9028     | 8970     | 8778     | 8925     | 1.47   | cps   |
| Cadmium    | 111-1 | 2872     | 2795     | 2770     | 2812     | 1.88   | cps   |
| Cadmium    | 106-1 | 4059     | 3934     | 3909     | 3967     | 2.03   | cps   |
| Cadmium    | 108-1 | 46       | 25       | 17       | 29       | 51.50  | cps   |
| Calcium    | 43-1  | 250817   | 249056   | 245895   | 248589   | 1.00   | cps   |
| Calcium    | 44-1  | 4180046  | 4107496  | 4078267  | 4121936  | 1.27   | cps   |
| Chromium   | 52-2  | 1780     | 1680     | 1967     | 1809     | 8.04   | cps   |
| Cobalt     | 59-2  | 180      | 237      | 207      | 208      | 13.64  | cps   |
| Copper     | 63-2  | 935733   | 948456   | 937014   | 940401   | 0.74   | cps   |
| Dysprosium | 156-1 | 75       | 42       | 58       | 58       | 28.57  | cps   |
| Dysprosium | 156-2 | 40       | 50       | 27       | 39       | 30.10  | cps   |
| Erbium     | 164-1 | 158      | 108      | 150      | 139      | 19.29  | cps   |
| Erbium     | 164-2 | 57       | 47       | 70       | 58       | 20.26  | cps   |
| Gadolinium | 160-1 | 175      | 208      | 275      | 219      | 23.20  | cps   |
| Gadolinium | 160-2 | 183      | 180      | 187      | 183      | 1.82   | cps   |
| Holmium    | 165-1 | 14421582 | 14301774 | 14435693 | 14386350 | 0.51   | cps   |
| Holmium    | 165-2 | 8199367  | 7912272  | 7990430  | 8034023  | 1.85   | cps   |
| Indium     | 115-1 | 11640072 | 11725114 | 11670052 | 11678412 | 0.37   | cps   |
| Indium     | 115-2 | 2612697  | 2568533  | 2600438  | 2593889  | 0.88   | cps   |
| Iron       | 56-2  | 164219   | 166360   | 165099   | 165226   | 0.65   | cps   |
| Iron       | 57-2  | 4751     | 5062     | 5045     | 4953     | 3.54   | cps   |
| Lead       | 206-1 | 10605    | 10054    | 10132    | 10264    | 2.90   | cps   |
| Lead       | 207-1 | 8664     | 8875     | 8492     | 8677     | 2.21   | cps   |
| Lead       | 208-1 | 40442    | 40670    | 39507    | 40206    | 1.53   | cps   |
| Lithium    | 6-1   | 2025989  | 1990926  | 2023107  | 2013341  | 0.97   | cps   |
| Magnesium  | 24-2  | 435812   | 439549   | 434853   | 436738   | 0.57   | cps   |
| Manganese  | 55-2  | 38126    | 37428    | 38049    | 37868    | 1.01   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-46-FL1-BRD-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:12:06  | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 725      | 650      | 714      | 8.28   | cps   |
| Molybdenum | 95-1  | 367      | 292      | 383      | 347      | 14.06  | cps   |
| Molybdenum | 96-1  | 450      | 392      | 500      | 447      | 12.12  | cps   |
| Molybdenum | 97-1  | 317      | 317      | 258      | 297      | 11.33  | cps   |
| Molybdenum | 98-1  | 433      | 392      | 417      | 414      | 5.07   | cps   |
| Neodymium  | 150-1 | 133      | 67       | 93       | 98       | 34.32  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 30       | 23       | 28.56  | cps   |
| Nickel     | 60-2  | 2507     | 2734     | 2730     | 2657     | 4.89   | cps   |
| Phosphorus | 31-2  | 7327     | 7402     | 7352     | 7360     | 0.52   | cps   |
| Potassium  | 39-2  | 242797   | 245981   | 241288   | 243355   | 0.98   | cps   |
| Rhodium    | 103-1 | 11144109 | 10931351 | 10981645 | 11019035 | 1.01   | cps   |
| Rhodium    | 103-2 | 5568261  | 5496054  | 5586021  | 5550112  | 0.86   | cps   |
| Scandium   | 45-1  | 7582158  | 7643439  | 7744379  | 7656659  | 1.07   | cps   |
| Scandium   | 45-2  | 420249   | 403537   | 412931   | 412239   | 2.03   | cps   |
| Selenium   | 77-2  | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Selenium   | 78-2  | 131      | 120      | 126      | 126      | 4.41   | cps   |
| Selenium   | 82-1  | 282      | 253      | 112      | 215      | 42.11  | cps   |
| Silicon    | 28-1  | 9155644  | 9028340  | 9051782  | 9078589  | 0.75   | cps   |
| Silver     | 109-1 | 225      | 267      | 292      | 261      | 12.90  | cps   |
| Silver     | 107-1 | 292      | 333      | 308      | 311      | 6.74   | cps   |
| Sodium     | 23-2  | 6993716  | 6981412  | 7022481  | 6999203  | 0.30   | cps   |
| Strontium  | 86-1  | 89084    | 86854    | 87433    | 87790    | 1.32   | cps   |
| Strontium  | 88-1  | 753149   | 749606   | 745411   | 749389   | 0.52   | cps   |
| Sulfur     | 34-1  | 812356   | 817176   | 817071   | 815534   | 0.34   | cps   |
| Terbium    | 159-1 | 15006049 | 14969810 | 15091271 | 15022376 | 0.42   | cps   |
| Terbium    | 159-2 | 8012854  | 7853111  | 7963826  | 7943264  | 1.03   | cps   |
| Thallium   | 203-1 | 175      | 308      | 283      | 256      | 27.73  | cps   |
| Thallium   | 205-1 | 592      | 783      | 683      | 686      | 13.97  | cps   |
| Tin        | 118-1 | 808      | 700      | 683      | 731      | 9.29   | cps   |
| Titanium   | 47-1  | 1642     | 1358     | 1284     | 1428     | 13.24  | cps   |
| Uranium    | 238-1 | 558      | 558      | 442      | 519      | 12.97  | cps   |
| Vanadium   | 51-2  | 313      | 310      | 253      | 292      | 11.54  | cps   |
| Yttrium    | 89-1  | 12317885 | 12291331 | 12197026 | 12268747 | 0.52   | cps   |
| Yttrium    | 89-2  | 2083898  | 2057539  | 2073408  | 2071615  | 0.64   | cps   |
| Zinc       | 66-2  | 62526    | 62135    | 63551    | 62737    | 1.17   | cps   |
| Zirconium  | 90-1  | 1617     | 1358     | 1350     | 1442     | 10.52  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-46-FL1-BRD-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:12:06  | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 475  | 358  | 242  | 358     | 32.56  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:15:32 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 575      | 708      | 675      | 653      | 10.63  | cps   |
| Antimony   | 121-1 | 67       | 100      | 92       | 86       | 20.14  | cps   |
| Arsenic    | 75-2  | 17       | 13       | 19       | 16       | 17.64  | cps   |
| Barium     | 135-1 | 50       | 92       | 42       | 61       | 43.83  | cps   |
| Barium     | 137-1 | 233      | 192      | 108      | 178      | 35.80  | cps   |
| Beryllium  | 9-1   | 78       | 39       | 39       | 52       | 43.30  | cps   |
| Bismuth    | 209-1 | 8752407  | 8601239  | 8703553  | 8685733  | 0.89   | cps   |
| Bismuth    | 209-2 | 5690587  | 5750018  | 5501813  | 5647473  | 2.29   | cps   |
| Boron      | 10-1  | 350      | 333      | 350      | 344      | 2.79   | cps   |
| Boron      | 11-1  | 1550     | 1792     | 1567     | 1636     | 8.25   | cps   |
| Cadmium    | 111-1 | 2644     | 2550     | 3000     | 2731     | 8.68   | cps   |
| Cadmium    | 106-1 | 3784     | 3626     | 4276     | 3895     | 8.70   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 8        | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 375      | 475      | 433      | 428      | 11.74  | cps   |
| Calcium    | 44-1  | 23962    | 23244    | 22969    | 23392    | 2.19   | cps   |
| Chromium   | 52-2  | 1753     | 1920     | 1783     | 1819     | 4.88   | cps   |
| Cobalt     | 59-2  | 70       | 113      | 73       | 86       | 28.19  | cps   |
| Copper     | 63-2  | 1683     | 1580     | 1423     | 1562     | 8.38   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 7        | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 50       | 50       | 17       | 39       | 49.48  | cps   |
| Erbium     | 164-2 | 30       | 17       | 20       | 22       | 31.22  | cps   |
| Gadolinium | 160-1 | 117      | 150      | 125      | 131      | 13.29  | cps   |
| Gadolinium | 160-2 | 120      | 100      | 140      | 120      | 16.67  | cps   |
| Holmium    | 165-1 | 13373827 | 13098086 | 13397013 | 13289642 | 1.25   | cps   |
| Holmium    | 165-2 | 7470645  | 7649837  | 7349596  | 7490026  | 2.02   | cps   |
| Indium     | 115-1 | 10906362 | 10907409 | 10921049 | 10911606 | 0.08   | cps   |
| Indium     | 115-2 | 2406456  | 2465582  | 2389825  | 2420621  | 1.64   | cps   |
| Iron       | 56-2  | 8986     | 9248     | 8897     | 9044     | 2.01   | cps   |
| Iron       | 57-2  | 500      | 456      | 406      | 454      | 10.41  | cps   |
| Lead       | 206-1 | 5334459  | 5244733  | 5268017  | 5282403  | 0.88   | cps   |
| Lead       | 207-1 | 4754474  | 4688878  | 4744695  | 4729349  | 0.75   | cps   |
| Lead       | 208-1 | 21654174 | 21356149 | 21562304 | 21524209 | 0.71   | cps   |
| Lithium    | 6-1   | 1872611  | 1850721  | 1858249  | 1860527  | 0.60   | cps   |
| Magnesium  | 24-2  | 325      | 417      | 417      | 386      | 13.71  | cps   |
| Manganese  | 55-2  | 93       | 80       | 97       | 90       | 9.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:15:32 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 325      | 367      | 325      | 339      | 7.10   | cps   |
| Molybdenum | 95-1  | 125      | 183      | 108      | 139      | 28.35  | cps   |
| Molybdenum | 96-1  | 183      | 258      | 142      | 194      | 30.41  | cps   |
| Molybdenum | 97-1  | 117      | 150      | 175      | 147      | 19.88  | cps   |
| Molybdenum | 98-1  | 242      | 250      | 200      | 231      | 11.62  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 27       | 16       | 65.47  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 90       | 77       | 83       | 83       | 8.00   | cps   |
| Phosphorus | 31-2  | 242      | 308      | 158      | 236      | 31.83  | cps   |
| Potassium  | 39-2  | 61638    | 61955    | 60683    | 61425    | 1.08   | cps   |
| Rhodium    | 103-1 | 10464110 | 10262242 | 10361995 | 10362782 | 0.97   | cps   |
| Rhodium    | 103-2 | 5219452  | 5309871  | 5179987  | 5236437  | 1.27   | cps   |
| Scandium   | 45-1  | 7235000  | 7187470  | 7124351  | 7182274  | 0.77   | cps   |
| Scandium   | 45-2  | 384151   | 392314   | 371508   | 382658   | 2.74   | cps   |
| Selenium   | 77-2  | 0        | 13       | 10       | 8        | 89.21  | cps   |
| Selenium   | 78-2  | 163      | 122      | 120      | 135      | 17.81  | cps   |
| Selenium   | 82-1  | 205      | 254      | 136      | 198      | 29.71  | cps   |
| Silicon    | 28-1  | 639201   | 645282   | 641421   | 641968   | 0.48   | cps   |
| Silver     | 109-1 | 83       | 117      | 92       | 97       | 17.84  | cps   |
| Silver     | 107-1 | 167      | 183      | 167      | 172      | 5.58   | cps   |
| Sodium     | 23-2  | 46690    | 46130    | 45745    | 46189    | 1.03   | cps   |
| Strontium  | 86-1  | 1608     | 1667     | 1684     | 1653     | 2.38   | cps   |
| Strontium  | 88-1  | 642      | 667      | 592      | 633      | 6.03   | cps   |
| Sulfur     | 34-1  | 720129   | 723989   | 725057   | 723059   | 0.36   | cps   |
| Terbium    | 159-1 | 13894520 | 13969209 | 13779534 | 13881088 | 0.69   | cps   |
| Terbium    | 159-2 | 7482210  | 7591496  | 7331651  | 7468453  | 1.75   | cps   |
| Thallium   | 203-1 | 250      | 308      | 133      | 231      | 38.65  | cps   |
| Thallium   | 205-1 | 433      | 500      | 475      | 469      | 7.17   | cps   |
| Tin        | 118-1 | 1092     | 1075     | 1008     | 1058     | 4.17   | cps   |
| Titanium   | 47-1  | 200      | 258      | 275      | 244      | 16.11  | cps   |
| Uranium    | 238-1 | 275      | 217      | 317      | 269      | 18.64  | cps   |
| Vanadium   | 51-2  | 30       | 13       | 17       | 20       | 44.10  | cps   |
| Yttrium    | 89-1  | 11490178 | 11359791 | 11457509 | 11435826 | 0.59   | cps   |
| Yttrium    | 89-2  | 1943268  | 1971455  | 1917225  | 1943982  | 1.40   | cps   |
| Zinc       | 66-2  | 363      | 390      | 390      | 381      | 4.04   | cps   |
| Zirconium  | 90-1  | 800      | 808      | 817      | 808      | 1.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:15:32 | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 108  | 158  | 122     | 25.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:18:58 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142      | 167      | 175      | 161      | 10.77  | cps   |
| Antimony   | 121-1 | 50       | 58       | 75       | 61       | 20.83  | cps   |
| Arsenic    | 75-2  | 13       | 17       | 9        | 13       | 28.58  | cps   |
| Barium     | 135-1 | 92       | 142      | 67       | 100      | 38.19  | cps   |
| Barium     | 137-1 | 142      | 258      | 133      | 178      | 39.31  | cps   |
| Beryllium  | 9-1   | 22       | 39       | 28       | 30       | 28.65  | cps   |
| Bismuth    | 209-1 | 8744633  | 8938557  | 8812476  | 8831889  | 1.11   | cps   |
| Bismuth    | 209-2 | 5625847  | 6026530  | 5837912  | 5830097  | 3.44   | cps   |
| Boron      | 10-1  | 242      | 108      | 275      | 208      | 42.33  | cps   |
| Boron      | 11-1  | 983      | 825      | 1025     | 945      | 11.17  | cps   |
| Cadmium    | 111-1 | 2517     | 2386     | 2778     | 2560     | 7.79   | cps   |
| Cadmium    | 106-1 | 3601     | 3417     | 3967     | 3662     | 7.65   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 333      | 333      | 300      | 322      | 5.97   | cps   |
| Calcium    | 44-1  | 22977    | 23962    | 23453    | 23464    | 2.10   | cps   |
| Chromium   | 52-2  | 1970     | 2064     | 1900     | 1978     | 4.14   | cps   |
| Cobalt     | 59-2  | 60       | 70       | 60       | 63       | 9.12   | cps   |
| Copper     | 63-2  | 1710     | 1863     | 1867     | 1813     | 4.94   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 33       | 31       | 41.66  | cps   |
| Dysprosium | 156-2 | 20       | 10       | 7        | 12       | 56.76  | cps   |
| Erbium     | 164-1 | 100      | 33       | 75       | 69       | 48.50  | cps   |
| Erbium     | 164-2 | 30       | 30       | 30       | 30       | 0.00   | cps   |
| Gadolinium | 160-1 | 108      | 83       | 133      | 108      | 23.08  | cps   |
| Gadolinium | 160-2 | 130      | 173      | 137      | 147      | 15.91  | cps   |
| Holmium    | 165-1 | 13600926 | 13629844 | 13364241 | 13531671 | 1.08   | cps   |
| Holmium    | 165-2 | 7457233  | 7840518  | 7618357  | 7638703  | 2.52   | cps   |
| Indium     | 115-1 | 10963706 | 10991682 | 11080214 | 11011867 | 0.55   | cps   |
| Indium     | 115-2 | 2431322  | 2578850  | 2479571  | 2496581  | 3.01   | cps   |
| Iron       | 56-2  | 7369     | 7541     | 8036     | 7648     | 4.53   | cps   |
| Iron       | 57-2  | 372      | 450      | 339      | 387      | 14.73  | cps   |
| Lead       | 206-1 | 1239     | 1295     | 1145     | 1226     | 6.19   | cps   |
| Lead       | 207-1 | 1261     | 1100     | 1022     | 1128     | 10.80  | cps   |
| Lead       | 208-1 | 5239     | 4756     | 4906     | 4967     | 4.98   | cps   |
| Lithium    | 6-1   | 1844121  | 1878505  | 1869922  | 1864183  | 0.96   | cps   |
| Magnesium  | 24-2  | 325      | 325      | 283      | 311      | 7.73   | cps   |
| Manganese  | 55-2  | 113      | 53       | 87       | 84       | 35.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:18:58 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 208      | 208      | 300      | 239      | 22.15  | cps   |
| Molybdenum | 95-1  | 92       | 33       | 83       | 69       | 45.43  | cps   |
| Molybdenum | 96-1  | 125      | 167      | 158      | 150      | 14.70  | cps   |
| Molybdenum | 97-1  | 150      | 92       | 133      | 125      | 24.04  | cps   |
| Molybdenum | 98-1  | 75       | 58       | 108      | 81       | 31.60  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 70       | 50       | 70       | 63       | 18.23  | cps   |
| Phosphorus | 31-2  | 250      | 133      | 192      | 192      | 30.43  | cps   |
| Potassium  | 39-2  | 61687    | 61377    | 62298    | 61788    | 0.76   | cps   |
| Rhodium    | 103-1 | 10398749 | 10391598 | 10483975 | 10424774 | 0.49   | cps   |
| Rhodium    | 103-2 | 5216697  | 5520449  | 5348429  | 5361858  | 2.84   | cps   |
| Scandium   | 45-1  | 7218988  | 7340287  | 7394813  | 7318029  | 1.23   | cps   |
| Scandium   | 45-2  | 379649   | 409294   | 396490   | 395144   | 3.76   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 131      | 113      | 122      | 122      | 7.58   | cps   |
| Selenium   | 82-1  | 233      | 199      | 114      | 182      | 33.68  | cps   |
| Silicon    | 28-1  | 632242   | 632417   | 634856   | 633172   | 0.23   | cps   |
| Silver     | 109-1 | 175      | 75       | 58       | 103      | 61.39  | cps   |
| Silver     | 107-1 | 142      | 142      | 133      | 139      | 3.46   | cps   |
| Sodium     | 23-2  | 46281    | 46490    | 46130    | 46300    | 0.39   | cps   |
| Strontium  | 86-1  | 1450     | 1642     | 1784     | 1625     | 10.30  | cps   |
| Strontium  | 88-1  | 467      | 442      | 408      | 439      | 6.67   | cps   |
| Sulfur     | 34-1  | 708866   | 705921   | 703539   | 706109   | 0.38   | cps   |
| Terbium    | 159-1 | 13897552 | 14095138 | 14135716 | 14042802 | 0.91   | cps   |
| Terbium    | 159-2 | 7445942  | 7819665  | 7613109  | 7626238  | 2.45   | cps   |
| Thallium   | 203-1 | 167      | 125      | 183      | 158      | 18.97  | cps   |
| Thallium   | 205-1 | 208      | 292      | 283      | 261      | 17.58  | cps   |
| Tin        | 118-1 | 1167     | 967      | 1225     | 1120     | 12.10  | cps   |
| Titanium   | 47-1  | 233      | 275      | 275      | 261      | 9.21   | cps   |
| Uranium    | 238-1 | 50       | 100      | 8        | 53       | 86.97  | cps   |
| Vanadium   | 51-2  | 13       | 33       | 23       | 23       | 42.86  | cps   |
| Yttrium    | 89-1  | 11371097 | 11488812 | 11704813 | 11521574 | 1.47   | cps   |
| Yttrium    | 89-2  | 1948254  | 2057927  | 1994180  | 2000120  | 2.75   | cps   |
| Zinc       | 66-2  | 263      | 310      | 257      | 277      | 10.50  | cps   |
| Zirconium  | 90-1  | 642      | 608      | 833      | 694      | 17.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:18:58 | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 167  | 117  | 142     | 17.65  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : PB101408BL Instrumnet Name : P7  
 Client Sample ID : PB101408BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:22:25 DataFile Name : 112SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 117      | 133      | 83       | 111      | 22.91  | cps   |
| Antimony   | 121-1 | 108      | 108      | 108      | 108      | 0.00   | cps   |
| Arsenic    | 75-2  | 7        | 7        | 6        | 7        | 15.72  | cps   |
| Barium     | 135-1 | 83       | 50       | 75       | 69       | 24.98  | cps   |
| Barium     | 137-1 | 108      | 108      | 75       | 97       | 19.80  | cps   |
| Beryllium  | 9-1   | 56       | 33       | 17       | 35       | 55.45  | cps   |
| Bismuth    | 209-1 | 8522904  | 8487640  | 8623034  | 8544526  | 0.82   | cps   |
| Bismuth    | 209-2 | 5637745  | 5652048  | 5689175  | 5659656  | 0.47   | cps   |
| Boron      | 10-1  | 258      | 225      | 200      | 228      | 12.85  | cps   |
| Boron      | 11-1  | 1092     | 1042     | 1217     | 1117     | 8.07   | cps   |
| Cadmium    | 111-1 | 2518     | 2744     | 2879     | 2714     | 6.73   | cps   |
| Cadmium    | 106-1 | 3584     | 3892     | 4126     | 3867     | 7.03   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 233      | 308      | 225      | 256      | 17.96  | cps   |
| Calcium    | 44-1  | 23236    | 23411    | 22585    | 23077    | 1.89   | cps   |
| Chromium   | 52-2  | 1907     | 1720     | 1870     | 1832     | 5.40   | cps   |
| Cobalt     | 59-2  | 67       | 30       | 47       | 48       | 38.43  | cps   |
| Copper     | 63-2  | 1530     | 1627     | 1603     | 1587     | 3.18   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 42       | 33       | 25       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 30       | 13       | 17       | 20       | 44.10  | cps   |
| Gadolinium | 160-1 | 92       | 92       | 92       | 92       | 0.00   | cps   |
| Gadolinium | 160-2 | 173      | 130      | 130      | 144      | 17.32  | cps   |
| Holmium    | 165-1 | 13090780 | 13310292 | 13329560 | 13243544 | 1.00   | cps   |
| Holmium    | 165-2 | 7491777  | 7459982  | 7433941  | 7461900  | 0.39   | cps   |
| Indium     | 115-1 | 10795989 | 10838025 | 10937774 | 10857263 | 0.67   | cps   |
| Indium     | 115-2 | 2417500  | 2408263  | 2450172  | 2425312  | 0.91   | cps   |
| Iron       | 56-2  | 6896     | 6491     | 6663     | 6683     | 3.05   | cps   |
| Iron       | 57-2  | 406      | 389      | 356      | 383      | 6.64   | cps   |
| Lead       | 206-1 | 1011     | 1083     | 1022     | 1039     | 3.74   | cps   |
| Lead       | 207-1 | 1095     | 1033     | 911      | 1013     | 9.22   | cps   |
| Lead       | 208-1 | 4550     | 4512     | 4256     | 4439     | 3.60   | cps   |
| Lithium    | 6-1   | 1829888  | 1810018  | 1818097  | 1819334  | 0.55   | cps   |
| Magnesium  | 24-2  | 133      | 125      | 167      | 142      | 15.56  | cps   |
| Manganese  | 55-2  | 57       | 83       | 73       | 71       | 18.94  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:22:25 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 242      | 258      | 275      | 258      | 6.45   | cps   |
| Molybdenum | 95-1  | 42       | 25       | 50       | 39       | 32.73  | cps   |
| Molybdenum | 96-1  | 100      | 100      | 158      | 119      | 28.19  | cps   |
| Molybdenum | 97-1  | 92       | 75       | 117      | 94       | 22.21  | cps   |
| Molybdenum | 98-1  | 42       | 75       | 42       | 53       | 36.46  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 53       | 67       | 63       | 61       | 11.36  | cps   |
| Phosphorus | 31-2  | 283      | 233      | 142      | 219      | 32.74  | cps   |
| Potassium  | 39-2  | 61202    | 62273    | 61972    | 61815    | 0.89   | cps   |
| Rhodium    | 103-1 | 10190352 | 10288637 | 10162185 | 10213724 | 0.65   | cps   |
| Rhodium    | 103-2 | 5235180  | 5217227  | 5258807  | 5237072  | 0.40   | cps   |
| Scandium   | 45-1  | 7023038  | 7138688  | 7142422  | 7101383  | 0.96   | cps   |
| Scandium   | 45-2  | 386181   | 383183   | 385056   | 384807   | 0.39   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 106      | 139      | 98       | 114      | 19.00  | cps   |
| Selenium   | 82-1  | 222      | 176      | 208      | 202      | 11.69  | cps   |
| Silicon    | 28-1  | 624822   | 631478   | 634920   | 630407   | 0.81   | cps   |
| Silver     | 109-1 | 42       | 67       | 83       | 64       | 32.83  | cps   |
| Silver     | 107-1 | 133      | 125      | 183      | 147      | 21.43  | cps   |
| Sodium     | 23-2  | 45185    | 45018    | 46189    | 45464    | 1.39   | cps   |
| Strontium  | 86-1  | 1525     | 1709     | 1709     | 1647     | 6.43   | cps   |
| Strontium  | 88-1  | 450      | 292      | 325      | 356      | 23.48  | cps   |
| Sulfur     | 34-1  | 744512   | 743681   | 751928   | 746707   | 0.61   | cps   |
| Terbium    | 159-1 | 13762245 | 13767856 | 13755802 | 13761968 | 0.04   | cps   |
| Terbium    | 159-2 | 7551849  | 7432127  | 7450754  | 7478243  | 0.86   | cps   |
| Thallium   | 203-1 | 100      | 125      | 117      | 114      | 11.18  | cps   |
| Thallium   | 205-1 | 275      | 358      | 283      | 306      | 15.02  | cps   |
| Tin        | 118-1 | 1217     | 1417     | 1250     | 1295     | 8.28   | cps   |
| Titanium   | 47-1  | 208      | 233      | 208      | 217      | 6.66   | cps   |
| Uranium    | 238-1 | 83       | 50       | 100      | 78       | 32.74  | cps   |
| Vanadium   | 51-2  | 13       | 37       | 30       | 27       | 45.08  | cps   |
| Yttrium    | 89-1  | 11280782 | 11404189 | 11313229 | 11332734 | 0.56   | cps   |
| Yttrium    | 89-2  | 1945817  | 1933021  | 1953135  | 1943991  | 0.52   | cps   |
| Zinc       | 66-2  | 300      | 323      | 287      | 303      | 6.12   | cps   |
| Zirconium  | 90-1  | 583      | 592      | 758      | 644      | 15.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:22:25 | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 100  | 158  | 144     | 27.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:25:51 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 800      | 617      | 883      | 767      | 17.79  | cps   |
| Antimony   | 121-1 | 75       | 167      | 175      | 139      | 39.95  | cps   |
| Arsenic    | 75-2  | 6        | 9        | 7        | 7        | 24.97  | cps   |
| Barium     | 135-1 | 75       | 117      | 67       | 86       | 31.11  | cps   |
| Barium     | 137-1 | 92       | 142      | 108      | 114      | 22.36  | cps   |
| Beryllium  | 9-1   | 28       | 33       | 33       | 31       | 10.18  | cps   |
| Bismuth    | 209-1 | 8424467  | 8712703  | 8682703  | 8606624  | 1.84   | cps   |
| Bismuth    | 209-2 | 5830318  | 5775752  | 5775392  | 5793821  | 0.55   | cps   |
| Boron      | 10-1  | 333      | 358      | 475      | 389      | 19.44  | cps   |
| Boron      | 11-1  | 1600     | 1767     | 1575     | 1647     | 6.33   | cps   |
| Cadmium    | 111-1 | 2544     | 2772     | 2717     | 2678     | 4.43   | cps   |
| Cadmium    | 106-1 | 3609     | 3942     | 3876     | 3809     | 4.63   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 13       | 10       | 49.46  | cps   |
| Calcium    | 43-1  | 350      | 358      | 483      | 397      | 18.80  | cps   |
| Calcium    | 44-1  | 24162    | 24213    | 24597    | 24324    | 0.98   | cps   |
| Chromium   | 52-2  | 1887     | 1847     | 1727     | 1820     | 4.58   | cps   |
| Cobalt     | 59-2  | 83       | 67       | 67       | 72       | 13.33  | cps   |
| Copper     | 63-2  | 1763     | 1757     | 1660     | 1727     | 3.35   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 0        | 14       | 124.91 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 50       | 67       | 53       | 24.12  | cps   |
| Erbium     | 164-2 | 23       | 43       | 30       | 32       | 31.61  | cps   |
| Gadolinium | 160-1 | 133      | 183      | 158      | 158      | 15.79  | cps   |
| Gadolinium | 160-2 | 137      | 123      | 143      | 134      | 7.57   | cps   |
| Holmium    | 165-1 | 13052158 | 13470925 | 13376226 | 13299770 | 1.65   | cps   |
| Holmium    | 165-2 | 7609489  | 7604272  | 7628749  | 7614170  | 0.17   | cps   |
| Indium     | 115-1 | 10658950 | 11069026 | 10840193 | 10856056 | 1.89   | cps   |
| Indium     | 115-2 | 2486688  | 2467707  | 2497760  | 2484052  | 0.61   | cps   |
| Iron       | 56-2  | 9631     | 9248     | 9003     | 9294     | 3.41   | cps   |
| Iron       | 57-2  | 428      | 467      | 478      | 457      | 5.74   | cps   |
| Lead       | 206-1 | 5352109  | 5396896  | 5380042  | 5376349  | 0.42   | cps   |
| Lead       | 207-1 | 4786344  | 4836434  | 4811426  | 4811401  | 0.52   | cps   |
| Lead       | 208-1 | 21861826 | 22040574 | 22021098 | 21974499 | 0.45   | cps   |
| Lithium    | 6-1   | 1837034  | 1882540  | 1879946  | 1866507  | 1.37   | cps   |
| Magnesium  | 24-2  | 392      | 408      | 417      | 406      | 3.14   | cps   |
| Manganese  | 55-2  | 90       | 90       | 100      | 93       | 6.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:25:51 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 358      | 267      | 308      | 311      | 14.75  | cps   |
| Molybdenum | 95-1  | 158      | 83       | 100      | 114      | 34.58  | cps   |
| Molybdenum | 96-1  | 150      | 133      | 225      | 169      | 28.82  | cps   |
| Molybdenum | 97-1  | 200      | 200      | 108      | 169      | 31.23  | cps   |
| Molybdenum | 98-1  | 242      | 217      | 217      | 225      | 6.41   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 27       | 11       | 124.89 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 110      | 93       | 110      | 104      | 9.21   | cps   |
| Phosphorus | 31-2  | 192      | 208      | 200      | 200      | 4.17   | cps   |
| Potassium  | 39-2  | 63913    | 63412    | 63922    | 63749    | 0.46   | cps   |
| Rhodium    | 103-1 | 10231368 | 10508006 | 10330659 | 10356678 | 1.35   | cps   |
| Rhodium    | 103-2 | 5363424  | 5294673  | 5363191  | 5340429  | 0.74   | cps   |
| Scandium   | 45-1  | 7048336  | 7346322  | 7184391  | 7193016  | 2.07   | cps   |
| Scandium   | 45-2  | 397778   | 391782   | 391178   | 393579   | 0.93   | cps   |
| Selenium   | 77-2  | 0        | 13       | 3        | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 137      | 124      | 130      | 130      | 4.99   | cps   |
| Selenium   | 82-1  | 113      | 114      | 56       | 95       | 35.04  | cps   |
| Silicon    | 28-1  | 634679   | 631166   | 632527   | 632790   | 0.28   | cps   |
| Silver     | 109-1 | 133      | 117      | 108      | 119      | 10.66  | cps   |
| Silver     | 107-1 | 150      | 142      | 175      | 156      | 11.15  | cps   |
| Sodium     | 23-2  | 45562    | 45545    | 46682    | 45930    | 1.42   | cps   |
| Strontium  | 86-1  | 1425     | 1742     | 1709     | 1625     | 10.71  | cps   |
| Strontium  | 88-1  | 575      | 708      | 692      | 658      | 11.04  | cps   |
| Sulfur     | 34-1  | 776239   | 760163   | 761501   | 765968   | 1.16   | cps   |
| Terbium    | 159-1 | 13566925 | 13936014 | 13832229 | 13778390 | 1.38   | cps   |
| Terbium    | 159-2 | 7698746  | 7599504  | 7547455  | 7615235  | 1.01   | cps   |
| Thallium   | 203-1 | 142      | 150      | 150      | 147      | 3.27   | cps   |
| Thallium   | 205-1 | 325      | 400      | 342      | 356      | 11.08  | cps   |
| Tin        | 118-1 | 1000     | 1100     | 1117     | 1072     | 5.89   | cps   |
| Titanium   | 47-1  | 275      | 342      | 250      | 289      | 16.40  | cps   |
| Uranium    | 238-1 | 225      | 333      | 308      | 289      | 19.63  | cps   |
| Vanadium   | 51-2  | 10       | 23       | 20       | 18       | 39.03  | cps   |
| Yttrium    | 89-1  | 11168182 | 11740539 | 11449972 | 11452897 | 2.50   | cps   |
| Yttrium    | 89-2  | 1986401  | 1972919  | 1977250  | 1978857  | 0.35   | cps   |
| Zinc       | 66-2  | 413      | 383      | 433      | 410      | 6.14   | cps   |
| Zirconium  | 90-1  | 675      | 767      | 958      | 800      | 18.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101408BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101408BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:25:51 | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 117  | 75   | 108     | 27.74  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-01 Instrumnet Name : P7  
 Client Sample ID : DC24728-01-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:29:18 DataFile Name : 114SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 11171    | 23226    | 12056    | 15485    | 43.39  | cps   |
| Antimony   | 121-1 | 892      | 1100     | 975      | 989      | 10.60  | cps   |
| Arsenic    | 75-2  | 191      | 180      | 224      | 198      | 11.67  | cps   |
| Barium     | 135-1 | 48595    | 48402    | 48803    | 48600    | 0.41   | cps   |
| Barium     | 137-1 | 85161    | 83962    | 85312    | 84812    | 0.87   | cps   |
| Beryllium  | 9-1   | 28       | 44       | 56       | 43       | 32.83  | cps   |
| Bismuth    | 209-1 | 8894350  | 8792121  | 8988734  | 8891735  | 1.11   | cps   |
| Bismuth    | 209-2 | 6098568  | 6108663  | 5905109  | 6037447  | 1.90   | cps   |
| Boron      | 10-1  | 1992     | 1867     | 1875     | 1911     | 3.66   | cps   |
| Boron      | 11-1  | 9512     | 9595     | 9011     | 9373     | 3.37   | cps   |
| Cadmium    | 111-1 | 3022     | 3017     | 2961     | 3000     | 1.13   | cps   |
| Cadmium    | 106-1 | 4276     | 4259     | 4226     | 4254     | 0.60   | cps   |
| Cadmium    | 108-1 | 42       | 50       | 38       | 43       | 14.78  | cps   |
| Calcium    | 43-1  | 249343   | 255958   | 252740   | 252681   | 1.31   | cps   |
| Calcium    | 44-1  | 4172431  | 4174074  | 4174084  | 4173530  | 0.02   | cps   |
| Chromium   | 52-2  | 2054     | 2140     | 2120     | 2105     | 2.16   | cps   |
| Cobalt     | 59-2  | 747      | 713      | 700      | 720      | 3.34   | cps   |
| Copper     | 63-2  | 636321   | 633161   | 624079   | 631187   | 1.01   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 83       | 89       | 19.52  | cps   |
| Dysprosium | 156-2 | 37       | 30       | 33       | 33       | 10.01  | cps   |
| Erbium     | 164-1 | 125      | 83       | 108      | 106      | 19.87  | cps   |
| Erbium     | 164-2 | 50       | 70       | 67       | 62       | 17.22  | cps   |
| Gadolinium | 160-1 | 175      | 200      | 250      | 208      | 18.33  | cps   |
| Gadolinium | 160-2 | 180      | 200      | 177      | 186      | 6.80   | cps   |
| Holmium    | 165-1 | 13976350 | 14056992 | 14064982 | 14032774 | 0.35   | cps   |
| Holmium    | 165-2 | 7826078  | 8035293  | 7880823  | 7914064  | 1.37   | cps   |
| Indium     | 115-1 | 11383024 | 11462607 | 11390845 | 11412159 | 0.38   | cps   |
| Indium     | 115-2 | 2579670  | 2575616  | 2509158  | 2554815  | 1.55   | cps   |
| Iron       | 56-2  | 132842   | 156480   | 120289   | 136537   | 13.46  | cps   |
| Iron       | 57-2  | 3990     | 3562     | 3678     | 3743     | 5.91   | cps   |
| Lead       | 206-1 | 8975     | 8692     | 9081     | 8916     | 2.26   | cps   |
| Lead       | 207-1 | 7513     | 7691     | 7402     | 7536     | 1.93   | cps   |
| Lead       | 208-1 | 34524    | 34680    | 35030    | 34744    | 0.75   | cps   |
| Lithium    | 6-1   | 1948548  | 1943894  | 1957883  | 1950108  | 0.37   | cps   |
| Magnesium  | 24-2  | 454212   | 448594   | 443637   | 448814   | 1.18   | cps   |
| Manganese  | 55-2  | 33301    | 33923    | 32974    | 33399    | 1.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-01-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:29:18 | DataFile Name :   | 114SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 758      | 750      | 717      | 742      | 2.97   | cps   |
| Molybdenum | 95-1  | 300      | 317      | 283      | 300      | 5.56   | cps   |
| Molybdenum | 96-1  | 450      | 417      | 392      | 419      | 6.98   | cps   |
| Molybdenum | 97-1  | 342      | 267      | 233      | 281      | 19.78  | cps   |
| Molybdenum | 98-1  | 517      | 483      | 517      | 506      | 3.81   | cps   |
| Neodymium  | 150-1 | 80       | 73       | 87       | 80       | 8.33   | cps   |
| Neodymium  | 150-2 | 20       | 23       | 20       | 21       | 9.11   | cps   |
| Nickel     | 60-2  | 11785    | 11368    | 11598    | 11584    | 1.80   | cps   |
| Phosphorus | 31-2  | 6577     | 6452     | 6402     | 6477     | 1.39   | cps   |
| Potassium  | 39-2  | 249133   | 252032   | 246539   | 249235   | 1.10   | cps   |
| Rhodium    | 103-1 | 10868141 | 10782752 | 10785034 | 10811976 | 0.45   | cps   |
| Rhodium    | 103-2 | 5510557  | 5499067  | 5407693  | 5472439  | 1.03   | cps   |
| Scandium   | 45-1  | 7487873  | 7472956  | 7501556  | 7487462  | 0.19   | cps   |
| Scandium   | 45-2  | 407341   | 416739   | 403312   | 409131   | 1.68   | cps   |
| Selenium   | 77-2  | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Selenium   | 78-2  | 120      | 139      | 93       | 117      | 19.87  | cps   |
| Selenium   | 82-1  | 238      | 190      | 246      | 225      | 13.43  | cps   |
| Silicon    | 28-1  | 9029343  | 9236568  | 9009772  | 9091895  | 1.38   | cps   |
| Silver     | 109-1 | 450      | 283      | 358      | 364      | 22.94  | cps   |
| Silver     | 107-1 | 467      | 433      | 358      | 419      | 13.23  | cps   |
| Sodium     | 23-2  | 7509287  | 7419823  | 7329584  | 7419565  | 1.21   | cps   |
| Strontium  | 86-1  | 83963    | 80701    | 84356    | 83007    | 2.42   | cps   |
| Strontium  | 88-1  | 725238   | 712467   | 717059   | 718254   | 0.90   | cps   |
| Sulfur     | 34-1  | 864589   | 863309   | 861046   | 862981   | 0.21   | cps   |
| Terbium    | 159-1 | 14390714 | 14583238 | 14515941 | 14496631 | 0.67   | cps   |
| Terbium    | 159-2 | 7779316  | 7871913  | 7769941  | 7807057  | 0.72   | cps   |
| Thallium   | 203-1 | 275      | 317      | 408      | 333      | 20.46  | cps   |
| Thallium   | 205-1 | 892      | 883      | 850      | 875      | 2.52   | cps   |
| Tin        | 118-1 | 1450     | 1408     | 1333     | 1397     | 4.23   | cps   |
| Titanium   | 47-1  | 3936     | 1133     | 1033     | 2034     | 80.99  | cps   |
| Uranium    | 238-1 | 642      | 450      | 667      | 586      | 20.22  | cps   |
| Vanadium   | 51-2  | 333      | 307      | 227      | 289      | 19.22  | cps   |
| Yttrium    | 89-1  | 12014685 | 12004917 | 11873876 | 11964493 | 0.66   | cps   |
| Yttrium    | 89-2  | 2048530  | 2062555  | 2016560  | 2042548  | 1.15   | cps   |
| Zinc       | 66-2  | 372895   | 372933   | 365217   | 370348   | 1.20   | cps   |
| Zirconium  | 90-1  | 1917     | 1800     | 1842     | 1853     | 3.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-01-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:29:18 | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 400  | 575  | 442     | 26.76  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-02-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:32:44 | DataFile Name :   | 115SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1283     | 1650     | 1592     | 1509     | 13.06  | cps   |
| Antimony   | 121-1 | 825      | 950      | 775      | 850      | 10.61  | cps   |
| Arsenic    | 75-2  | 183      | 194      | 206      | 194      | 5.71   | cps   |
| Barium     | 135-1 | 56056    | 55445    | 55888    | 55796    | 0.57   | cps   |
| Barium     | 137-1 | 98238    | 95544    | 95184    | 96322    | 1.73   | cps   |
| Beryllium  | 9-1   | 39       | 50       | 50       | 46       | 13.85  | cps   |
| Bismuth    | 209-1 | 9361537  | 9038651  | 9297864  | 9232684  | 1.85   | cps   |
| Bismuth    | 209-2 | 5986746  | 5946072  | 6014693  | 5982504  | 0.58   | cps   |
| Boron      | 10-1  | 1692     | 2000     | 1959     | 1884     | 8.88   | cps   |
| Boron      | 11-1  | 8878     | 8928     | 9128     | 8978     | 1.47   | cps   |
| Cadmium    | 111-1 | 2796     | 2830     | 2736     | 2787     | 1.71   | cps   |
| Cadmium    | 106-1 | 3992     | 4051     | 3876     | 3973     | 2.24   | cps   |
| Cadmium    | 108-1 | 33       | 38       | 21       | 31       | 28.39  | cps   |
| Calcium    | 43-1  | 257451   | 256786   | 250918   | 255052   | 1.41   | cps   |
| Calcium    | 44-1  | 4194892  | 4188377  | 4123012  | 4168760  | 0.95   | cps   |
| Chromium   | 52-2  | 1927     | 1877     | 1990     | 1931     | 2.94   | cps   |
| Cobalt     | 59-2  | 160      | 177      | 133      | 157      | 13.95  | cps   |
| Copper     | 63-2  | 549361   | 542520   | 544598   | 545493   | 0.64   | cps   |
| Dysprosium | 156-1 | 92       | 25       | 75       | 64       | 54.31  | cps   |
| Dysprosium | 156-2 | 17       | 43       | 57       | 39       | 52.37  | cps   |
| Erbium     | 164-1 | 100      | 67       | 133      | 100      | 33.33  | cps   |
| Erbium     | 164-2 | 70       | 40       | 67       | 59       | 27.92  | cps   |
| Gadolinium | 160-1 | 208      | 258      | 242      | 236      | 10.78  | cps   |
| Gadolinium | 160-2 | 147      | 163      | 193      | 168      | 14.10  | cps   |
| Holmium    | 165-1 | 14589336 | 13985565 | 14410954 | 14328619 | 2.16   | cps   |
| Holmium    | 165-2 | 8006767  | 8004161  | 7911086  | 7974005  | 0.68   | cps   |
| Indium     | 115-1 | 11897268 | 11415187 | 11816552 | 11709669 | 2.21   | cps   |
| Indium     | 115-2 | 2578695  | 2553442  | 2602224  | 2578120  | 0.95   | cps   |
| Iron       | 56-2  | 171965   | 178564   | 173511   | 174680   | 1.98   | cps   |
| Iron       | 57-2  | 4706     | 5307     | 5162     | 5058     | 6.19   | cps   |
| Lead       | 206-1 | 2845     | 2856     | 3200     | 2967     | 6.81   | cps   |
| Lead       | 207-1 | 2623     | 2717     | 2556     | 2632     | 3.08   | cps   |
| Lead       | 208-1 | 11697    | 11697    | 11802    | 11732    | 0.52   | cps   |
| Lithium    | 6-1   | 2025360  | 1976811  | 2024253  | 2008808  | 1.38   | cps   |
| Magnesium  | 24-2  | 439122   | 440443   | 435539   | 438368   | 0.58   | cps   |
| Manganese  | 55-2  | 25419    | 25138    | 25366    | 25308    | 0.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-02-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:32:44 | DataFile Name :   | 115SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 825      | 1569     | 733      | 1043     | 43.97  | cps   |
| Molybdenum | 95-1  | 350      | 242      | 300      | 297      | 18.24  | cps   |
| Molybdenum | 96-1  | 450      | 558      | 392      | 467      | 18.12  | cps   |
| Molybdenum | 97-1  | 300      | 250      | 267      | 272      | 9.35   | cps   |
| Molybdenum | 98-1  | 550      | 467      | 450      | 489      | 10.96  | cps   |
| Neodymium  | 150-1 | 40       | 73       | 67       | 60       | 29.40  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 30       | 23       | 24.74  | cps   |
| Nickel     | 60-2  | 1150     | 1010     | 1180     | 1113     | 8.15   | cps   |
| Phosphorus | 31-2  | 7519     | 7227     | 7269     | 7338     | 2.15   | cps   |
| Potassium  | 39-2  | 248498   | 248207   | 246549   | 247751   | 0.42   | cps   |
| Rhodium    | 103-1 | 11198946 | 10944402 | 11044907 | 11062752 | 1.16   | cps   |
| Rhodium    | 103-2 | 5563782  | 5463900  | 5534817  | 5520833  | 0.93   | cps   |
| Scandium   | 45-1  | 7745488  | 7491441  | 7773923  | 7670284  | 2.03   | cps   |
| Scandium   | 45-2  | 398309   | 403367   | 415651   | 405776   | 2.20   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 137      | 119      | 128      | 128      | 7.25   | cps   |
| Selenium   | 82-1  | 139      | 211      | 304      | 218      | 37.94  | cps   |
| Silicon    | 28-1  | 9113321  | 8997464  | 9238611  | 9116465  | 1.32   | cps   |
| Silver     | 109-1 | 283      | 275      | 275      | 278      | 1.73   | cps   |
| Silver     | 107-1 | 300      | 283      | 300      | 294      | 3.27   | cps   |
| Sodium     | 23-2  | 7548460  | 7505379  | 7481825  | 7511888  | 0.45   | cps   |
| Strontium  | 86-1  | 90996    | 87626    | 87022    | 88548    | 2.42   | cps   |
| Strontium  | 88-1  | 774177   | 761700   | 754033   | 763303   | 1.33   | cps   |
| Sulfur     | 34-1  | 858763   | 846474   | 841942   | 849060   | 1.03   | cps   |
| Terbium    | 159-1 | 15116751 | 14790472 | 14806034 | 14904419 | 1.23   | cps   |
| Terbium    | 159-2 | 7888635  | 7962819  | 7943048  | 7931500  | 0.48   | cps   |
| Thallium   | 203-1 | 217      | 217      | 250      | 228      | 8.45   | cps   |
| Thallium   | 205-1 | 542      | 500      | 517      | 519      | 4.04   | cps   |
| Tin        | 118-1 | 825      | 583      | 608      | 672      | 19.77  | cps   |
| Titanium   | 47-1  | 1408     | 1375     | 1283     | 1356     | 4.78   | cps   |
| Uranium    | 238-1 | 417      | 542      | 625      | 528      | 19.87  | cps   |
| Vanadium   | 51-2  | 290      | 257      | 273      | 273      | 6.10   | cps   |
| Yttrium    | 89-1  | 12440551 | 12072139 | 12239886 | 12250859 | 1.51   | cps   |
| Yttrium    | 89-2  | 2076210  | 2059175  | 2066074  | 2067153  | 0.41   | cps   |
| Zinc       | 66-2  | 12489    | 12636    | 12402    | 12509    | 0.94   | cps   |
| Zirconium  | 90-1  | 1567     | 1592     | 1567     | 1575     | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-02-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:32:44 | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 408  | 358  | 353     | 16.59  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-03-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:36:09 DataFile Name : 116SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4459     | 5144     | 5586     | 5063     | 11.21  | cps   |
| Antimony   | 121-1 | 900      | 950      | 875      | 908      | 4.20   | cps   |
| Arsenic    | 75-2  | 230      | 254      | 200      | 228      | 11.81  | cps   |
| Barium     | 135-1 | 51965    | 50509    | 50233    | 50903    | 1.83   | cps   |
| Barium     | 137-1 | 89220    | 85874    | 87593    | 87562    | 1.91   | cps   |
| Beryllium  | 9-1   | 56       | 56       | 50       | 54       | 5.98   | cps   |
| Bismuth    | 209-1 | 9288317  | 8966143  | 9717943  | 9324134  | 4.05   | cps   |
| Bismuth    | 209-2 | 6040889  | 6105303  | 6070617  | 6072269  | 0.53   | cps   |
| Boron      | 10-1  | 1817     | 1817     | 1892     | 1842     | 2.35   | cps   |
| Boron      | 11-1  | 8995     | 9136     | 9612     | 9248     | 3.50   | cps   |
| Cadmium    | 111-1 | 2903     | 2720     | 3090     | 2904     | 6.36   | cps   |
| Cadmium    | 106-1 | 4051     | 3784     | 4343     | 4059     | 6.88   | cps   |
| Cadmium    | 108-1 | 46       | 29       | 42       | 39       | 22.30  | cps   |
| Calcium    | 43-1  | 250197   | 247732   | 245129   | 247686   | 1.02   | cps   |
| Calcium    | 44-1  | 4133939  | 4094716  | 4090732  | 4106462  | 0.58   | cps   |
| Chromium   | 52-2  | 2277     | 2250     | 2287     | 2271     | 0.83   | cps   |
| Cobalt     | 59-2  | 453      | 463      | 500      | 472      | 5.20   | cps   |
| Copper     | 63-2  | 603981   | 607939   | 606509   | 606143   | 0.33   | cps   |
| Dysprosium | 156-1 | 25       | 58       | 67       | 50       | 44.10  | cps   |
| Dysprosium | 156-2 | 23       | 23       | 33       | 27       | 21.65  | cps   |
| Erbium     | 164-1 | 125      | 100      | 133      | 119      | 14.53  | cps   |
| Erbium     | 164-2 | 47       | 73       | 50       | 57       | 25.64  | cps   |
| Gadolinium | 160-1 | 233      | 175      | 100      | 169      | 39.45  | cps   |
| Gadolinium | 160-2 | 173      | 167      | 173      | 171      | 2.25   | cps   |
| Holmium    | 165-1 | 14222369 | 13979747 | 14636480 | 14279532 | 2.33   | cps   |
| Holmium    | 165-2 | 8047504  | 8057760  | 7920083  | 8008449  | 0.96   | cps   |
| Indium     | 115-1 | 11620860 | 11327889 | 12025501 | 11658083 | 3.00   | cps   |
| Indium     | 115-2 | 2569050  | 2597106  | 2611173  | 2592443  | 0.83   | cps   |
| Iron       | 56-2  | 101209   | 101136   | 101081   | 101142   | 0.06   | cps   |
| Iron       | 57-2  | 3501     | 3351     | 3267     | 3373     | 3.51   | cps   |
| Lead       | 206-1 | 8642     | 8325     | 8114     | 8360     | 3.18   | cps   |
| Lead       | 207-1 | 7436     | 7046     | 7180     | 7221     | 2.74   | cps   |
| Lead       | 208-1 | 34424    | 32911    | 32884    | 33406    | 2.64   | cps   |
| Lithium    | 6-1   | 1994699  | 1965377  | 2043384  | 2001153  | 1.97   | cps   |
| Magnesium  | 24-2  | 435035   | 438231   | 441860   | 438375   | 0.78   | cps   |
| Manganese  | 55-2  | 33228    | 32890    | 32864    | 32994    | 0.62   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-03-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:36:09 DataFile Name : 116SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 867      | 767      | 803      | 6.91   | cps   |
| Molybdenum | 95-1  | 292      | 392      | 225      | 303      | 27.71  | cps   |
| Molybdenum | 96-1  | 425      | 450      | 450      | 442      | 3.27   | cps   |
| Molybdenum | 97-1  | 175      | 317      | 250      | 247      | 28.67  | cps   |
| Molybdenum | 98-1  | 458      | 467      | 442      | 456      | 2.79   | cps   |
| Neodymium  | 150-1 | 60       | 33       | 13       | 36       | 65.85  | cps   |
| Neodymium  | 150-2 | 10       | 27       | 23       | 20       | 44.10  | cps   |
| Nickel     | 60-2  | 8016     | 7959     | 7535     | 7837     | 3.35   | cps   |
| Phosphorus | 31-2  | 6001     | 6418     | 6885     | 6435     | 6.87   | cps   |
| Potassium  | 39-2  | 241744   | 248572   | 245480   | 245265   | 1.39   | cps   |
| Rhodium    | 103-1 | 11064945 | 10709395 | 11286912 | 11020417 | 2.64   | cps   |
| Rhodium    | 103-2 | 5582427  | 5581666  | 5592643  | 5585579  | 0.11   | cps   |
| Scandium   | 45-1  | 7781878  | 7380258  | 8223402  | 7795179  | 5.41   | cps   |
| Scandium   | 45-2  | 406627   | 411109   | 413453   | 410396   | 0.85   | cps   |
| Selenium   | 77-2  | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 120      | 100      | 119      | 113      | 9.97   | cps   |
| Selenium   | 82-1  | 308      | 304      | 63       | 225      | 62.41  | cps   |
| Silicon    | 28-1  | 9174624  | 9014708  | 9053112  | 9080815  | 0.92   | cps   |
| Silver     | 109-1 | 133      | 117      | 208      | 153      | 31.96  | cps   |
| Silver     | 107-1 | 183      | 267      | 242      | 231      | 18.55  | cps   |
| Sodium     | 23-2  | 7392464  | 7486700  | 7469954  | 7449706  | 0.67   | cps   |
| Strontium  | 86-1  | 87608    | 85790    | 85529    | 86309    | 1.31   | cps   |
| Strontium  | 88-1  | 745944   | 744705   | 737197   | 742615   | 0.64   | cps   |
| Sulfur     | 34-1  | 830546   | 831857   | 835681   | 832695   | 0.32   | cps   |
| Terbium    | 159-1 | 14815477 | 14562076 | 15248291 | 14875281 | 2.33   | cps   |
| Terbium    | 159-2 | 7865319  | 7920642  | 7975114  | 7920358  | 0.69   | cps   |
| Thallium   | 203-1 | 233      | 300      | 225      | 253      | 16.26  | cps   |
| Thallium   | 205-1 | 633      | 675      | 633      | 647      | 3.72   | cps   |
| Tin        | 118-1 | 792      | 792      | 875      | 820      | 5.87   | cps   |
| Titanium   | 47-1  | 1175     | 1117     | 1100     | 1131     | 3.48   | cps   |
| Uranium    | 238-1 | 667      | 425      | 575      | 556      | 21.96  | cps   |
| Vanadium   | 51-2  | 287      | 270      | 250      | 269      | 6.83   | cps   |
| Yttrium    | 89-1  | 12183874 | 11916313 | 12579177 | 12226455 | 2.73   | cps   |
| Yttrium    | 89-2  | 2066789  | 2088091  | 2084574  | 2079818  | 0.55   | cps   |
| Zinc       | 66-2  | 385528   | 386260   | 386793   | 386194   | 0.16   | cps   |
| Zirconium  | 90-1  | 1825     | 1567     | 2042     | 1811     | 13.13  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-03-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:36:09 | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 408  | 358  | 358  | 375     | 7.70   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-04 Instrumnet Name : P7  
 Client Sample ID : DC24728-04-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:39:34 DataFile Name : 117SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2813     | 5971     | 1451     | 3412     | 67.96  | cps   |
| Antimony   | 121-1 | 725      | 733      | 792      | 750      | 4.84   | cps   |
| Arsenic    | 75-2  | 213      | 180      | 206      | 199      | 8.78   | cps   |
| Barium     | 135-1 | 52558    | 53537    | 53930    | 53342    | 1.32   | cps   |
| Barium     | 137-1 | 96643    | 96711    | 94455    | 95936    | 1.34   | cps   |
| Beryllium  | 9-1   | 28       | 17       | 28       | 24       | 26.64  | cps   |
| Bismuth    | 209-1 | 9128683  | 8875608  | 9394050  | 9132780  | 2.84   | cps   |
| Bismuth    | 209-2 | 5837603  | 5899072  | 5953422  | 5896699  | 0.98   | cps   |
| Boron      | 10-1  | 1650     | 1742     | 1684     | 1692     | 2.74   | cps   |
| Boron      | 11-1  | 8553     | 8469     | 9278     | 8767     | 5.07   | cps   |
| Cadmium    | 111-1 | 2971     | 2865     | 2779     | 2872     | 3.35   | cps   |
| Cadmium    | 106-1 | 4243     | 4059     | 3967     | 4090     | 3.43   | cps   |
| Cadmium    | 108-1 | 33       | 8        | 21       | 21       | 60.01  | cps   |
| Calcium    | 43-1  | 246977   | 242201   | 244372   | 244517   | 0.98   | cps   |
| Calcium    | 44-1  | 4090724  | 3999803  | 4028548  | 4039692  | 1.15   | cps   |
| Chromium   | 52-2  | 1837     | 1997     | 1887     | 1907     | 4.29   | cps   |
| Cobalt     | 59-2  | 180      | 143      | 173      | 166      | 11.80  | cps   |
| Copper     | 63-2  | 541717   | 550355   | 551669   | 547914   | 0.99   | cps   |
| Dysprosium | 156-1 | 92       | 50       | 100      | 81       | 33.26  | cps   |
| Dysprosium | 156-2 | 50       | 47       | 33       | 43       | 20.36  | cps   |
| Erbium     | 164-1 | 142      | 92       | 133      | 122      | 21.92  | cps   |
| Erbium     | 164-2 | 60       | 53       | 57       | 57       | 5.89   | cps   |
| Gadolinium | 160-1 | 267      | 167      | 142      | 192      | 34.51  | cps   |
| Gadolinium | 160-2 | 147      | 170      | 133      | 150      | 12.37  | cps   |
| Holmium    | 165-1 | 14241875 | 13895924 | 14080797 | 14072865 | 1.23   | cps   |
| Holmium    | 165-2 | 7853722  | 7709012  | 7928248  | 7830327  | 1.42   | cps   |
| Indium     | 115-1 | 11573887 | 11360582 | 11568121 | 11500863 | 1.06   | cps   |
| Indium     | 115-2 | 2497569  | 2508472  | 2579627  | 2528556  | 1.76   | cps   |
| Iron       | 56-2  | 166177   | 163481   | 161674   | 163777   | 1.38   | cps   |
| Iron       | 57-2  | 4718     | 4634     | 5391     | 4914     | 8.44   | cps   |
| Lead       | 206-1 | 2934     | 2889     | 2895     | 2906     | 0.83   | cps   |
| Lead       | 207-1 | 2667     | 2695     | 2584     | 2648     | 2.18   | cps   |
| Lead       | 208-1 | 11597    | 11530    | 11458    | 11528    | 0.60   | cps   |
| Lithium    | 6-1   | 1978638  | 1967252  | 1967298  | 1971063  | 0.33   | cps   |
| Magnesium  | 24-2  | 429831   | 433557   | 430925   | 431438   | 0.44   | cps   |
| Manganese  | 55-2  | 22892    | 22852    | 26215    | 23986    | 8.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-04-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:39:34 | DataFile Name :   | 117SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 683      | 567      | 650      | 11.18  | cps   |
| Molybdenum | 95-1  | 283      | 258      | 367      | 303      | 18.73  | cps   |
| Molybdenum | 96-1  | 458      | 550      | 408      | 472      | 15.21  | cps   |
| Molybdenum | 97-1  | 358      | 250      | 308      | 306      | 17.75  | cps   |
| Molybdenum | 98-1  | 583      | 433      | 525      | 514      | 14.71  | cps   |
| Neodymium  | 150-1 | 60       | 47       | 33       | 47       | 28.56  | cps   |
| Neodymium  | 150-2 | 27       | 30       | 17       | 24       | 28.38  | cps   |
| Nickel     | 60-2  | 517      | 593      | 630      | 580      | 9.97   | cps   |
| Phosphorus | 31-2  | 7369     | 7452     | 6827     | 7216     | 4.70   | cps   |
| Potassium  | 39-2  | 240293   | 243186   | 244938   | 242806   | 0.97   | cps   |
| Rhodium    | 103-1 | 10924964 | 10728210 | 10906566 | 10853247 | 1.00   | cps   |
| Rhodium    | 103-2 | 5383200  | 5353808  | 5522016  | 5419675  | 1.66   | cps   |
| Scandium   | 45-1  | 7695730  | 7598403  | 7727724  | 7673952  | 0.88   | cps   |
| Scandium   | 45-2  | 395834   | 395391   | 393650   | 394958   | 0.29   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 106      | 115      | 106      | 109      | 4.92   | cps   |
| Selenium   | 82-1  | 355      | 272      | 254      | 294      | 18.46  | cps   |
| Silicon    | 28-1  | 8782608  | 8721537  | 8995457  | 8833201  | 1.63   | cps   |
| Silver     | 109-1 | 275      | 167      | 258      | 233      | 25.00  | cps   |
| Silver     | 107-1 | 367      | 308      | 258      | 311      | 17.43  | cps   |
| Sodium     | 23-2  | 7320384  | 7368998  | 7354338  | 7347907  | 0.34   | cps   |
| Strontium  | 86-1  | 87156    | 86636    | 85999    | 86597    | 0.67   | cps   |
| Strontium  | 88-1  | 753444   | 739235   | 739998   | 744226   | 1.07   | cps   |
| Sulfur     | 34-1  | 819035   | 806749   | 809314   | 811700   | 0.80   | cps   |
| Terbium    | 159-1 | 14701991 | 14562799 | 14856291 | 14707027 | 1.00   | cps   |
| Terbium    | 159-2 | 7694609  | 7610419  | 7960955  | 7755328  | 2.36   | cps   |
| Thallium   | 203-1 | 267      | 258      | 208      | 244      | 12.91  | cps   |
| Thallium   | 205-1 | 617      | 483      | 508      | 536      | 13.22  | cps   |
| Tin        | 118-1 | 650      | 658      | 650      | 653      | 0.74   | cps   |
| Titanium   | 47-1  | 1367     | 1108     | 1225     | 1233     | 10.49  | cps   |
| Uranium    | 238-1 | 617      | 525      | 492      | 544      | 11.89  | cps   |
| Vanadium   | 51-2  | 307      | 313      | 333      | 318      | 4.37   | cps   |
| Yttrium    | 89-1  | 12289908 | 12002831 | 12147168 | 12146636 | 1.18   | cps   |
| Yttrium    | 89-2  | 2020319  | 2013086  | 2061678  | 2031695  | 1.29   | cps   |
| Zinc       | 66-2  | 10394    | 10424    | 10481    | 10433    | 0.42   | cps   |
| Zirconium  | 90-1  | 1433     | 1358     | 1392     | 1395     | 2.69   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-04-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:39:34 | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 325  | 325  | 325     | 0.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-05-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:43:00  | DataFile Name :   | 118SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1992     | 1450     | 1358     | 1600     | 21.41  | cps   |
| Antimony   | 121-1 | 1050     | 908      | 758      | 906      | 16.11  | cps   |
| Arsenic    | 75-2  | 213      | 206      | 193      | 204      | 5.06   | cps   |
| Barium     | 135-1 | 52709    | 53202    | 51622    | 52511    | 1.54   | cps   |
| Barium     | 137-1 | 90217    | 90377    | 89756    | 90117    | 0.36   | cps   |
| Beryllium  | 9-1   | 33       | 50       | 39       | 41       | 20.83  | cps   |
| Bismuth    | 209-1 | 9176353  | 9339603  | 9776860  | 9430938  | 3.29   | cps   |
| Bismuth    | 209-2 | 6051466  | 5796228  | 5973787  | 5940494  | 2.20   | cps   |
| Boron      | 10-1  | 1750     | 1892     | 1759     | 1800     | 4.42   | cps   |
| Boron      | 11-1  | 8469     | 8644     | 8311     | 8475     | 1.97   | cps   |
| Cadmium    | 111-1 | 2713     | 2986     | 2948     | 2882     | 5.12   | cps   |
| Cadmium    | 106-1 | 3859     | 4259     | 4201     | 4106     | 5.26   | cps   |
| Cadmium    | 108-1 | 13       | 42       | 25       | 26       | 55.46  | cps   |
| Calcium    | 43-1  | 248887   | 246650   | 244884   | 246807   | 0.81   | cps   |
| Calcium    | 44-1  | 4073469  | 4051740  | 4039899  | 4055036  | 0.42   | cps   |
| Chromium   | 52-2  | 1843     | 1687     | 1847     | 1792     | 5.10   | cps   |
| Cobalt     | 59-2  | 193      | 200      | 180      | 191      | 5.33   | cps   |
| Copper     | 63-2  | 1222950  | 1232707  | 1209690  | 1221783  | 0.95   | cps   |
| Dysprosium | 156-1 | 83       | 100      | 108      | 97       | 13.09  | cps   |
| Dysprosium | 156-2 | 67       | 37       | 57       | 53       | 28.64  | cps   |
| Erbium     | 164-1 | 125      | 125      | 125      | 125      | 0.00   | cps   |
| Erbium     | 164-2 | 67       | 47       | 40       | 51       | 27.15  | cps   |
| Gadolinium | 160-1 | 142      | 208      | 217      | 189      | 21.76  | cps   |
| Gadolinium | 160-2 | 157      | 173      | 177      | 169      | 6.34   | cps   |
| Holmium    | 165-1 | 14319338 | 14423796 | 14789037 | 14510723 | 1.70   | cps   |
| Holmium    | 165-2 | 8032653  | 7907896  | 7918955  | 7953168  | 0.87   | cps   |
| Indium     | 115-1 | 11489562 | 11821203 | 11845191 | 11718652 | 1.70   | cps   |
| Indium     | 115-2 | 2561666  | 2557753  | 2525008  | 2548143  | 0.79   | cps   |
| Iron       | 56-2  | 147104   | 146854   | 134824   | 142927   | 4.91   | cps   |
| Iron       | 57-2  | 4023     | 4106     | 3845     | 3991     | 3.34   | cps   |
| Lead       | 206-1 | 3612     | 3751     | 3306     | 3556     | 6.40   | cps   |
| Lead       | 207-1 | 3339     | 2989     | 3217     | 3182     | 5.58   | cps   |
| Lead       | 208-1 | 14665    | 14592    | 14192    | 14483    | 1.76   | cps   |
| Lithium    | 6-1   | 1969039  | 2007835  | 2032405  | 2003093  | 1.59   | cps   |
| Magnesium  | 24-2  | 434992   | 442588   | 431894   | 436491   | 1.26   | cps   |
| Manganese  | 55-2  | 39029    | 38033    | 37568    | 38210    | 1.95   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-05-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:43:00  | DataFile Name :   | 118SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 725      | 725      | 892      | 781      | 12.33  | cps   |
| Molybdenum | 95-1  | 367      | 308      | 300      | 325      | 11.18  | cps   |
| Molybdenum | 96-1  | 492      | 492      | 558      | 514      | 7.49   | cps   |
| Molybdenum | 97-1  | 250      | 267      | 225      | 247      | 8.48   | cps   |
| Molybdenum | 98-1  | 458      | 433      | 442      | 444      | 2.86   | cps   |
| Neodymium  | 150-1 | 93       | 47       | 80       | 73       | 32.78  | cps   |
| Neodymium  | 150-2 | 43       | 40       | 27       | 37       | 24.04  | cps   |
| Nickel     | 60-2  | 740      | 697      | 710      | 716      | 3.10   | cps   |
| Phosphorus | 31-2  | 6035     | 6518     | 6452     | 6335     | 4.14   | cps   |
| Potassium  | 39-2  | 246422   | 247201   | 246090   | 246571   | 0.23   | cps   |
| Rhodium    | 103-1 | 10884033 | 11167234 | 11221205 | 11090824 | 1.63   | cps   |
| Rhodium    | 103-2 | 5516137  | 5504884  | 5457589  | 5492870  | 0.57   | cps   |
| Scandium   | 45-1  | 7583110  | 7750530  | 8049459  | 7794366  | 3.03   | cps   |
| Scandium   | 45-2  | 406070   | 400022   | 401067   | 402386   | 0.80   | cps   |
| Selenium   | 77-2  | 3        | 13       | 0        | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 98       | 139      | 106      | 114      | 19.00  | cps   |
| Selenium   | 82-1  | 252      | 205      | 276      | 244      | 14.81  | cps   |
| Silicon    | 28-1  | 8939132  | 8960728  | 8897529  | 8932463  | 0.36   | cps   |
| Silver     | 109-1 | 192      | 192      | 192      | 192      | 0.00   | cps   |
| Silver     | 107-1 | 192      | 200      | 250      | 214      | 14.75  | cps   |
| Sodium     | 23-2  | 7419326  | 7456288  | 7430642  | 7435418  | 0.25   | cps   |
| Strontium  | 86-1  | 85370    | 86795    | 84734    | 85633    | 1.23   | cps   |
| Strontium  | 88-1  | 737456   | 736049   | 739557   | 737688   | 0.24   | cps   |
| Sulfur     | 34-1  | 806617   | 801828   | 805360   | 804602   | 0.31   | cps   |
| Terbium    | 159-1 | 14630528 | 15177875 | 15036169 | 14948190 | 1.90   | cps   |
| Terbium    | 159-2 | 7992579  | 7769504  | 7796281  | 7852788  | 1.55   | cps   |
| Thallium   | 203-1 | 175      | 233      | 208      | 206      | 14.24  | cps   |
| Thallium   | 205-1 | 517      | 525      | 633      | 558      | 11.66  | cps   |
| Tin        | 118-1 | 742      | 742      | 675      | 719      | 5.35   | cps   |
| Titanium   | 47-1  | 1317     | 1100     | 1258     | 1225     | 9.15   | cps   |
| Uranium    | 238-1 | 508      | 442      | 433      | 461      | 8.92   | cps   |
| Vanadium   | 51-2  | 273      | 297      | 263      | 278      | 6.16   | cps   |
| Yttrium    | 89-1  | 12113739 | 12460549 | 12579937 | 12384742 | 1.96   | cps   |
| Yttrium    | 89-2  | 2075202  | 2068130  | 2043358  | 2062230  | 0.81   | cps   |
| Zinc       | 66-2  | 11808    | 12395    | 12215    | 12140    | 2.48   | cps   |
| Zirconium  | 90-1  | 1475     | 1700     | 1550     | 1575     | 7.27   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-05-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:43:00  | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 342  | 300  | 328     | 7.34   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-06 Instrumnet Name : P7  
 Client Sample ID : DC24728-06-BS-H-W4-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:46:26 DataFile Name : 119SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2342     | 3909     | 2009     | 2753     | 36.85  | cps   |
| Antimony   | 121-1 | 992      | 933      | 892      | 939      | 5.35   | cps   |
| Arsenic    | 75-2  | 193      | 185      | 196      | 191      | 2.96   | cps   |
| Barium     | 135-1 | 53495    | 52717    | 51857    | 52690    | 1.56   | cps   |
| Barium     | 137-1 | 91635    | 89772    | 90429    | 90612    | 1.04   | cps   |
| Beryllium  | 9-1   | 72       | 50       | 17       | 46       | 60.39  | cps   |
| Bismuth    | 209-1 | 9358704  | 9127876  | 9074530  | 9187037  | 1.64   | cps   |
| Bismuth    | 209-2 | 5986103  | 6095856  | 6452916  | 6178292  | 3.95   | cps   |
| Boron      | 10-1  | 1625     | 1750     | 1592     | 1656     | 5.04   | cps   |
| Boron      | 11-1  | 8203     | 8394     | 8661     | 8419     | 2.74   | cps   |
| Cadmium    | 111-1 | 2731     | 2580     | 2668     | 2660     | 2.84   | cps   |
| Cadmium    | 106-1 | 3842     | 3676     | 3817     | 3778     | 2.38   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 29       | 22       | 39.04  | cps   |
| Calcium    | 43-1  | 249165   | 245227   | 242942   | 245778   | 1.28   | cps   |
| Calcium    | 44-1  | 4110071  | 4062691  | 4039173  | 4070645  | 0.89   | cps   |
| Chromium   | 52-2  | 1967     | 2010     | 1780     | 1919     | 6.37   | cps   |
| Cobalt     | 59-2  | 160      | 137      | 203      | 167      | 20.30  | cps   |
| Copper     | 63-2  | 1301395  | 1282379  | 1284267  | 1289347  | 0.81   | cps   |
| Dysprosium | 156-1 | 108      | 83       | 75       | 89       | 19.52  | cps   |
| Dysprosium | 156-2 | 43       | 63       | 43       | 50       | 23.09  | cps   |
| Erbium     | 164-1 | 150      | 83       | 83       | 106      | 36.46  | cps   |
| Erbium     | 164-2 | 60       | 70       | 53       | 61       | 13.73  | cps   |
| Gadolinium | 160-1 | 217      | 183      | 308      | 236      | 27.42  | cps   |
| Gadolinium | 160-2 | 223      | 237      | 207      | 222      | 6.76   | cps   |
| Holmium    | 165-1 | 14565965 | 14230956 | 14257420 | 14351447 | 1.30   | cps   |
| Holmium    | 165-2 | 7978010  | 7969851  | 8173430  | 8040430  | 1.43   | cps   |
| Indium     | 115-1 | 11764941 | 11451404 | 11545139 | 11587161 | 1.39   | cps   |
| Indium     | 115-2 | 2576521  | 2561174  | 2639112  | 2592269  | 1.59   | cps   |
| Iron       | 56-2  | 148382   | 149583   | 151332   | 149766   | 0.99   | cps   |
| Iron       | 57-2  | 4462     | 4390     | 4173     | 4342     | 3.46   | cps   |
| Lead       | 206-1 | 4695     | 4707     | 4645     | 4682     | 0.70   | cps   |
| Lead       | 207-1 | 4067     | 3973     | 3795     | 3945     | 3.50   | cps   |
| Lead       | 208-1 | 18194    | 18294    | 17866    | 18118    | 1.24   | cps   |
| Lithium    | 6-1   | 1999132  | 1962822  | 1984929  | 1982294  | 0.92   | cps   |
| Magnesium  | 24-2  | 439537   | 429808   | 435640   | 434995   | 1.13   | cps   |
| Manganese  | 55-2  | 41888    | 39801    | 42609    | 41433    | 3.52   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-06-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:46:26  | DataFile Name :   | 119SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 725      | 658      | 600      | 661      | 9.46   | cps   |
| Molybdenum | 95-1  | 367      | 300      | 325      | 331      | 10.19  | cps   |
| Molybdenum | 96-1  | 433      | 392      | 458      | 428      | 7.87   | cps   |
| Molybdenum | 97-1  | 275      | 300      | 250      | 275      | 9.09   | cps   |
| Molybdenum | 98-1  | 508      | 450      | 558      | 506      | 10.73  | cps   |
| Neodymium  | 150-1 | 100      | 127      | 133      | 120      | 14.71  | cps   |
| Neodymium  | 150-2 | 17       | 43       | 40       | 33       | 43.58  | cps   |
| Nickel     | 60-2  | 857      | 787      | 897      | 847      | 6.58   | cps   |
| Phosphorus | 31-2  | 6110     | 5835     | 6101     | 6015     | 2.60   | cps   |
| Potassium  | 39-2  | 246243   | 243027   | 242786   | 244019   | 0.79   | cps   |
| Rhodium    | 103-1 | 11031358 | 10941386 | 10960314 | 10977686 | 0.43   | cps   |
| Rhodium    | 103-2 | 5542348  | 5543183  | 5773015  | 5619515  | 2.37   | cps   |
| Scandium   | 45-1  | 7745389  | 7718842  | 7564385  | 7676205  | 1.27   | cps   |
| Scandium   | 45-2  | 393128   | 402999   | 423714   | 406614   | 3.84   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 113      | 131      | 104      | 116      | 12.19  | cps   |
| Selenium   | 82-1  | 342      | 219      | 352      | 305      | 24.44  | cps   |
| Silicon    | 28-1  | 8905911  | 9118656  | 8931858  | 8985475  | 1.29   | cps   |
| Silver     | 109-1 | 133      | 108      | 217      | 153      | 37.13  | cps   |
| Silver     | 107-1 | 242      | 233      | 217      | 231      | 5.52   | cps   |
| Sodium     | 23-2  | 7482118  | 7314872  | 7416698  | 7404563  | 1.14   | cps   |
| Strontium  | 86-1  | 86753    | 86493    | 85914    | 86387    | 0.50   | cps   |
| Strontium  | 88-1  | 741552   | 742911   | 734606   | 739690   | 0.60   | cps   |
| Sulfur     | 34-1  | 799719   | 795767   | 798519   | 798002   | 0.25   | cps   |
| Terbium    | 159-1 | 15041478 | 14915204 | 14755658 | 14904113 | 0.96   | cps   |
| Terbium    | 159-2 | 7878341  | 7961825  | 8186411  | 8008859  | 1.99   | cps   |
| Thallium   | 203-1 | 167      | 167      | 258      | 197      | 26.84  | cps   |
| Thallium   | 205-1 | 567      | 483      | 542      | 531      | 8.06   | cps   |
| Tin        | 118-1 | 558      | 758      | 675      | 664      | 15.13  | cps   |
| Titanium   | 47-1  | 1083     | 1142     | 1442     | 1222     | 15.73  | cps   |
| Uranium    | 238-1 | 725      | 608      | 692      | 675      | 8.90   | cps   |
| Vanadium   | 51-2  | 313      | 353      | 253      | 307      | 16.41  | cps   |
| Yttrium    | 89-1  | 12380098 | 12222100 | 12110720 | 12237639 | 1.11   | cps   |
| Yttrium    | 89-2  | 2059513  | 2059105  | 2125576  | 2081398  | 1.84   | cps   |
| Zinc       | 66-2  | 14864    | 15051    | 15378    | 15098    | 1.72   | cps   |
| Zirconium  | 90-1  | 1508     | 1700     | 1475     | 1561     | 7.78   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-06-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:46:26  | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 300  | 258  | 292     | 10.30  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-07 Instrumnet Name : P7  
 Client Sample ID : DC24728-07-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:49:51 DataFile Name : 120SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2959     | 2759     | 2676     | 2798     | 5.21   | cps   |
| Antimony   | 121-1 | 1233     | 1150     | 1100     | 1161     | 5.80   | cps   |
| Arsenic    | 75-2  | 172      | 230      | 228      | 210      | 15.54  | cps   |
| Barium     | 135-1 | 58038    | 57545    | 56239    | 57274    | 1.62   | cps   |
| Barium     | 137-1 | 98305    | 98514    | 97937    | 98252    | 0.30   | cps   |
| Beryllium  | 9-1   | 61       | 33       | 44       | 46       | 30.20  | cps   |
| Bismuth    | 209-1 | 9437618  | 9264927  | 9191313  | 9297953  | 1.36   | cps   |
| Bismuth    | 209-2 | 6088282  | 5869682  | 6149483  | 6035816  | 2.44   | cps   |
| Boron      | 10-1  | 1675     | 1925     | 1792     | 1797     | 6.96   | cps   |
| Boron      | 11-1  | 9228     | 9236     | 9020     | 9161     | 1.34   | cps   |
| Cadmium    | 111-1 | 3119     | 2960     | 2942     | 3007     | 3.24   | cps   |
| Cadmium    | 106-1 | 4326     | 3976     | 4001     | 4101     | 4.76   | cps   |
| Cadmium    | 108-1 | 67       | 21       | 13       | 33       | 87.51  | cps   |
| Calcium    | 43-1  | 250240   | 246825   | 247115   | 248060   | 0.76   | cps   |
| Calcium    | 44-1  | 4139876  | 4088128  | 4073425  | 4100476  | 0.85   | cps   |
| Chromium   | 52-2  | 1770     | 1737     | 1723     | 1743     | 1.38   | cps   |
| Cobalt     | 59-2  | 310      | 263      | 287      | 287      | 8.14   | cps   |
| Copper     | 63-2  | 1326818  | 1347891  | 1353458  | 1342722  | 1.05   | cps   |
| Dysprosium | 156-1 | 117      | 83       | 108      | 103      | 16.88  | cps   |
| Dysprosium | 156-2 | 47       | 30       | 40       | 39       | 21.57  | cps   |
| Erbium     | 164-1 | 150      | 175      | 142      | 156      | 11.15  | cps   |
| Erbium     | 164-2 | 60       | 47       | 67       | 58       | 17.62  | cps   |
| Gadolinium | 160-1 | 208      | 208      | 233      | 217      | 6.66   | cps   |
| Gadolinium | 160-2 | 220      | 163      | 160      | 181      | 18.62  | cps   |
| Holmium    | 165-1 | 14555414 | 14227634 | 14329574 | 14370874 | 1.17   | cps   |
| Holmium    | 165-2 | 8038572  | 7871340  | 8122313  | 8010742  | 1.60   | cps   |
| Indium     | 115-1 | 11910971 | 11650075 | 11661121 | 11740722 | 1.26   | cps   |
| Indium     | 115-2 | 2588897  | 2548179  | 2621701  | 2586259  | 1.42   | cps   |
| Iron       | 56-2  | 116357   | 123335   | 111324   | 117006   | 5.16   | cps   |
| Iron       | 57-2  | 3345     | 3489     | 3562     | 3465     | 3.18   | cps   |
| Lead       | 206-1 | 21395    | 21435    | 21635    | 21488    | 0.60   | cps   |
| Lead       | 207-1 | 18013    | 18079    | 18035    | 18042    | 0.19   | cps   |
| Lead       | 208-1 | 84557    | 84167    | 84713    | 84479    | 0.33   | cps   |
| Lithium    | 6-1   | 2022957  | 1993716  | 1971453  | 1996042  | 1.29   | cps   |
| Magnesium  | 24-2  | 430217   | 431245   | 439562   | 433674   | 1.18   | cps   |
| Manganese  | 55-2  | 44010    | 42294    | 43735    | 43347    | 2.13   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:49:51   | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 542      | 683      | 725      | 650      | 14.79  | cps   |
| Molybdenum | 95-1  | 325      | 283      | 242      | 283      | 14.71  | cps   |
| Molybdenum | 96-1  | 383      | 325      | 475      | 394      | 19.17  | cps   |
| Molybdenum | 97-1  | 333      | 267      | 250      | 283      | 15.56  | cps   |
| Molybdenum | 98-1  | 442      | 400      | 408      | 417      | 5.29   | cps   |
| Neodymium  | 150-1 | 60       | 33       | 73       | 56       | 36.67  | cps   |
| Neodymium  | 150-2 | 23       | 33       | 10       | 22       | 52.68  | cps   |
| Nickel     | 60-2  | 3540     | 3864     | 3761     | 3722     | 4.44   | cps   |
| Phosphorus | 31-2  | 6368     | 6710     | 6894     | 6657     | 4.00   | cps   |
| Potassium  | 39-2  | 242192   | 246124   | 250172   | 246163   | 1.62   | cps   |
| Rhodium    | 103-1 | 11271265 | 11112264 | 10946775 | 11110101 | 1.46   | cps   |
| Rhodium    | 103-2 | 5573099  | 5487458  | 5656592  | 5572383  | 1.52   | cps   |
| Scandium   | 45-1  | 7897461  | 7653910  | 7643021  | 7731464  | 1.86   | cps   |
| Scandium   | 45-2  | 410689   | 397852   | 408891   | 405811   | 1.71   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 91       | 131      | 146      | 123      | 23.42  | cps   |
| Selenium   | 82-1  | 211      | 313      | 452      | 326      | 37.10  | cps   |
| Silicon    | 28-1  | 9173098  | 9162087  | 9044723  | 9126636  | 0.78   | cps   |
| Silver     | 109-1 | 292      | 217      | 308      | 272      | 17.94  | cps   |
| Silver     | 107-1 | 317      | 308      | 342      | 322      | 5.38   | cps   |
| Sodium     | 23-2  | 7407330  | 7494920  | 7443179  | 7448476  | 0.59   | cps   |
| Strontium  | 86-1  | 86913    | 85294    | 84725    | 85644    | 1.33   | cps   |
| Strontium  | 88-1  | 743538   | 739784   | 736647   | 739990   | 0.47   | cps   |
| Sulfur     | 34-1  | 820194   | 828451   | 815865   | 821504   | 0.78   | cps   |
| Terbium    | 159-1 | 15360028 | 15024427 | 14772644 | 15052366 | 1.96   | cps   |
| Terbium    | 159-2 | 7964876  | 7772399  | 8063516  | 7933597  | 1.87   | cps   |
| Thallium   | 203-1 | 242      | 217      | 317      | 258      | 20.15  | cps   |
| Thallium   | 205-1 | 517      | 567      | 742      | 608      | 19.42  | cps   |
| Tin        | 118-1 | 2342     | 2134     | 2367     | 2281     | 5.62   | cps   |
| Titanium   | 47-1  | 1217     | 1158     | 1333     | 1236     | 7.21   | cps   |
| Uranium    | 238-1 | 417      | 333      | 458      | 403      | 15.80  | cps   |
| Vanadium   | 51-2  | 340      | 283      | 300      | 308      | 9.46   | cps   |
| Yttrium    | 89-1  | 12395164 | 12238646 | 12147341 | 12260383 | 1.02   | cps   |
| Yttrium    | 89-2  | 2081167  | 2047693  | 2109521  | 2079460  | 1.49   | cps   |
| Zinc       | 66-2  | 152547   | 155237   | 155302   | 154362   | 1.02   | cps   |
| Zirconium  | 90-1  | 1450     | 1308     | 1425     | 1395     | 5.42   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:49:51   | DataFile Name :   | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 225  | 342  | 294     | 20.86  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-08 Instrumnet Name : P7  
 Client Sample ID : DC24728-08-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 22:53:17 DataFile Name : 121SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3054     | 1567     | 2545     | 2389     | 31.65  | cps   |
| Antimony   | 121-1 | 842      | 783      | 900      | 842      | 6.93   | cps   |
| Arsenic    | 75-2  | 183      | 222      | 207      | 204      | 9.61   | cps   |
| Barium     | 135-1 | 57596    | 56432    | 57026    | 57018    | 1.02   | cps   |
| Barium     | 137-1 | 99035    | 101394   | 98951    | 99793    | 1.39   | cps   |
| Beryllium  | 9-1   | 33       | 39       | 33       | 35       | 9.12   | cps   |
| Bismuth    | 209-1 | 9011966  | 9231139  | 8647212  | 8963439  | 3.29   | cps   |
| Bismuth    | 209-2 | 6019278  | 5871891  | 5838380  | 5909850  | 1.63   | cps   |
| Boron      | 10-1  | 1633     | 1825     | 1834     | 1764     | 6.42   | cps   |
| Boron      | 11-1  | 8369     | 8828     | 9278     | 8825     | 5.15   | cps   |
| Cadmium    | 111-1 | 3151     | 2881     | 2823     | 2952     | 5.94   | cps   |
| Cadmium    | 106-1 | 4459     | 4076     | 4017     | 4184     | 5.74   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 248006   | 248828   | 249901   | 248912   | 0.38   | cps   |
| Calcium    | 44-1  | 4135260  | 4070076  | 4124640  | 4109992  | 0.85   | cps   |
| Chromium   | 52-2  | 1853     | 1960     | 2040     | 1951     | 4.80   | cps   |
| Cobalt     | 59-2  | 130      | 150      | 180      | 153      | 16.41  | cps   |
| Copper     | 63-2  | 750832   | 751409   | 744430   | 748890   | 0.52   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 33       | 56       | 34.65  | cps   |
| Dysprosium | 156-2 | 27       | 37       | 50       | 38       | 30.98  | cps   |
| Erbium     | 164-1 | 42       | 117      | 67       | 75       | 50.92  | cps   |
| Erbium     | 164-2 | 60       | 60       | 73       | 64       | 11.94  | cps   |
| Gadolinium | 160-1 | 158      | 258      | 142      | 186      | 33.91  | cps   |
| Gadolinium | 160-2 | 117      | 190      | 200      | 169      | 26.94  | cps   |
| Holmium    | 165-1 | 14345064 | 14406656 | 13965516 | 14239078 | 1.68   | cps   |
| Holmium    | 165-2 | 7970875  | 7872611  | 7522007  | 7788498  | 3.03   | cps   |
| Indium     | 115-1 | 11633480 | 11684041 | 11304656 | 11540726 | 1.78   | cps   |
| Indium     | 115-2 | 2555530  | 2542149  | 2517070  | 2538249  | 0.77   | cps   |
| Iron       | 56-2  | 118319   | 119358   | 109554   | 115744   | 4.65   | cps   |
| Iron       | 57-2  | 3539     | 3517     | 3562     | 3539     | 0.63   | cps   |
| Lead       | 206-1 | 3289     | 3439     | 3617     | 3449     | 4.76   | cps   |
| Lead       | 207-1 | 3073     | 2745     | 3028     | 2949     | 6.03   | cps   |
| Lead       | 208-1 | 13409    | 13342    | 14031    | 13594    | 2.80   | cps   |
| Lithium    | 6-1   | 1978517  | 1982723  | 1912420  | 1957887  | 2.01   | cps   |
| Magnesium  | 24-2  | 433489   | 432462   | 430967   | 432306   | 0.29   | cps   |
| Manganese  | 55-2  | 27306    | 27817    | 27943    | 27689    | 1.22   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:53:17   | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 800      | 617      | 692      | 703      | 13.11  | cps   |
| Molybdenum | 95-1  | 308      | 350      | 317      | 325      | 6.78   | cps   |
| Molybdenum | 96-1  | 467      | 475      | 550      | 497      | 9.23   | cps   |
| Molybdenum | 97-1  | 342      | 300      | 333      | 325      | 6.78   | cps   |
| Molybdenum | 98-1  | 450      | 450      | 483      | 461      | 4.17   | cps   |
| Neodymium  | 150-1 | 40       | 60       | 80       | 60       | 33.33  | cps   |
| Neodymium  | 150-2 | 30       | 13       | 37       | 27       | 45.08  | cps   |
| Nickel     | 60-2  | 603      | 590      | 590      | 594      | 1.29   | cps   |
| Phosphorus | 31-2  | 7310     | 6952     | 7052     | 7105     | 2.60   | cps   |
| Potassium  | 39-2  | 245209   | 247465   | 247191   | 246621   | 0.50   | cps   |
| Rhodium    | 103-1 | 10950524 | 10954812 | 10632217 | 10845851 | 1.71   | cps   |
| Rhodium    | 103-2 | 5548068  | 5455976  | 5433222  | 5479089  | 1.11   | cps   |
| Scandium   | 45-1  | 7668338  | 7749495  | 7324129  | 7580654  | 2.98   | cps   |
| Scandium   | 45-2  | 405208   | 400037   | 393764   | 399670   | 1.43   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 141      | 117      | 124      | 11.65  | cps   |
| Selenium   | 82-1  | 337      | 329      | 464      | 377      | 20.04  | cps   |
| Silicon    | 28-1  | 8950782  | 8867520  | 8945871  | 8921391  | 0.52   | cps   |
| Silver     | 109-1 | 233      | 308      | 300      | 281      | 14.65  | cps   |
| Silver     | 107-1 | 475      | 367      | 350      | 397      | 17.09  | cps   |
| Sodium     | 23-2  | 7408705  | 7417532  | 7410404  | 7412214  | 0.06   | cps   |
| Strontium  | 86-1  | 89655    | 87433    | 88430    | 88506    | 1.26   | cps   |
| Strontium  | 88-1  | 766596   | 752870   | 765023   | 761497   | 0.99   | cps   |
| Sulfur     | 34-1  | 848464   | 855897   | 853234   | 852532   | 0.44   | cps   |
| Terbium    | 159-1 | 14841086 | 14950190 | 14298919 | 14696732 | 2.37   | cps   |
| Terbium    | 159-2 | 7827051  | 7924550  | 7762983  | 7838195  | 1.04   | cps   |
| Thallium   | 203-1 | 233      | 225      | 283      | 247      | 12.76  | cps   |
| Thallium   | 205-1 | 542      | 592      | 558      | 564      | 4.52   | cps   |
| Tin        | 118-1 | 558      | 400      | 650      | 536      | 23.59  | cps   |
| Titanium   | 47-1  | 1292     | 1175     | 1083     | 1183     | 8.82   | cps   |
| Uranium    | 238-1 | 508      | 542      | 617      | 556      | 9.99   | cps   |
| Vanadium   | 51-2  | 347      | 277      | 217      | 280      | 23.24  | cps   |
| Yttrium    | 89-1  | 12143956 | 12334970 | 11816567 | 12098498 | 2.17   | cps   |
| Yttrium    | 89-2  | 2055218  | 2027247  | 2030535  | 2037667  | 0.75   | cps   |
| Zinc       | 66-2  | 6355     | 6358     | 6218     | 6310     | 1.27   | cps   |
| Zirconium  | 90-1  | 1625     | 1383     | 1142     | 1383     | 17.47  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:53:17   | DataFile Name :   | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 183  | 342  | 281     | 30.34  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:56:43 | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 650      | 667      | 650      | 656      | 1.47   | cps   |
| Antimony   | 121-1 | 125      | 83       | 225      | 144      | 50.40  | cps   |
| Arsenic    | 75-2  | 7        | 22       | 26       | 19       | 52.91  | cps   |
| Barium     | 135-1 | 58       | 67       | 42       | 56       | 22.91  | cps   |
| Barium     | 137-1 | 100      | 183      | 175      | 153      | 30.04  | cps   |
| Beryllium  | 9-1   | 33       | 28       | 17       | 26       | 32.72  | cps   |
| Bismuth    | 209-1 | 8630749  | 8632980  | 8508362  | 8590697  | 0.83   | cps   |
| Bismuth    | 209-2 | 5537493  | 5600329  | 5631838  | 5589886  | 0.86   | cps   |
| Boron      | 10-1  | 517      | 567      | 475      | 519      | 8.84   | cps   |
| Boron      | 11-1  | 2367     | 2025     | 2067     | 2153     | 8.66   | cps   |
| Cadmium    | 111-1 | 2874     | 3102     | 2735     | 2904     | 6.37   | cps   |
| Cadmium    | 106-1 | 4109     | 4418     | 3892     | 4140     | 6.38   | cps   |
| Cadmium    | 108-1 | 21       | 4        | 8        | 11       | 78.05  | cps   |
| Calcium    | 43-1  | 392      | 325      | 450      | 389      | 16.08  | cps   |
| Calcium    | 44-1  | 23303    | 23461    | 23253    | 23339    | 0.47   | cps   |
| Chromium   | 52-2  | 1803     | 1887     | 1847     | 1846     | 2.26   | cps   |
| Cobalt     | 59-2  | 113      | 83       | 103      | 100      | 15.27  | cps   |
| Copper     | 63-2  | 1787     | 1700     | 1914     | 1800     | 5.96   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 8        | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 42       | 50       | 83       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 7        | 10       | 17       | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 117      | 142      | 108      | 122      | 14.19  | cps   |
| Gadolinium | 160-2 | 127      | 127      | 147      | 133      | 8.66   | cps   |
| Holmium    | 165-1 | 13313147 | 13264332 | 13114423 | 13230634 | 0.78   | cps   |
| Holmium    | 165-2 | 7381903  | 7467744  | 7439692  | 7429780  | 0.59   | cps   |
| Indium     | 115-1 | 11038021 | 10848162 | 10785821 | 10890668 | 1.21   | cps   |
| Indium     | 115-2 | 2379806  | 2403952  | 2395590  | 2393116  | 0.51   | cps   |
| Iron       | 56-2  | 9375     | 8964     | 9370     | 9236     | 2.55   | cps   |
| Iron       | 57-2  | 572      | 456      | 489      | 506      | 11.89  | cps   |
| Lead       | 206-1 | 5332852  | 5257459  | 5342188  | 5310833  | 0.87   | cps   |
| Lead       | 207-1 | 4763779  | 4728442  | 4742494  | 4744905  | 0.37   | cps   |
| Lead       | 208-1 | 21711030 | 21539787 | 21569258 | 21606692 | 0.42   | cps   |
| Lithium    | 6-1   | 1885505  | 1864010  | 1858682  | 1869399  | 0.76   | cps   |
| Magnesium  | 24-2  | 450      | 408      | 375      | 411      | 9.14   | cps   |
| Manganese  | 55-2  | 77       | 83       | 87       | 82       | 6.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:56:43 | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 367      | 367      | 417      | 383      | 7.53   | cps   |
| Molybdenum | 95-1  | 258      | 75       | 158      | 164      | 56.01  | cps   |
| Molybdenum | 96-1  | 233      | 125      | 258      | 206      | 34.48  | cps   |
| Molybdenum | 97-1  | 217      | 175      | 183      | 192      | 11.50  | cps   |
| Molybdenum | 98-1  | 300      | 233      | 208      | 247      | 19.17  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 27       | 13       | 100.01 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 67       | 110      | 93       | 90       | 24.28  | cps   |
| Phosphorus | 31-2  | 242      | 317      | 217      | 258      | 20.14  | cps   |
| Potassium  | 39-2  | 62650    | 62934    | 64281    | 63288    | 1.38   | cps   |
| Rhodium    | 103-1 | 10362606 | 10329824 | 10316275 | 10336235 | 0.23   | cps   |
| Rhodium    | 103-2 | 5144889  | 5191433  | 5207657  | 5181326  | 0.63   | cps   |
| Scandium   | 45-1  | 7275354  | 7040583  | 7204299  | 7173412  | 1.68   | cps   |
| Scandium   | 45-2  | 373858   | 377546   | 375531   | 375645   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 122      | 91       | 96       | 103      | 16.30  | cps   |
| Selenium   | 82-1  | 173      | 340      | 97       | 203      | 61.00  | cps   |
| Silicon    | 28-1  | 631788   | 634142   | 634999   | 633643   | 0.26   | cps   |
| Silver     | 109-1 | 150      | 133      | 150      | 144      | 6.66   | cps   |
| Silver     | 107-1 | 183      | 167      | 175      | 175      | 4.76   | cps   |
| Sodium     | 23-2  | 45696    | 46255    | 45504    | 45818    | 0.85   | cps   |
| Strontium  | 86-1  | 1767     | 1800     | 1533     | 1700     | 8.55   | cps   |
| Strontium  | 88-1  | 592      | 742      | 808      | 714      | 15.54  | cps   |
| Sulfur     | 34-1  | 757630   | 769015   | 758500   | 761715   | 0.83   | cps   |
| Terbium    | 159-1 | 14046672 | 13786127 | 13744892 | 13859230 | 1.18   | cps   |
| Terbium    | 159-2 | 7346774  | 7331989  | 7500824  | 7393196  | 1.26   | cps   |
| Thallium   | 203-1 | 300      | 300      | 167      | 256      | 30.12  | cps   |
| Thallium   | 205-1 | 708      | 533      | 683      | 642      | 14.75  | cps   |
| Tin        | 118-1 | 875      | 1050     | 942      | 956      | 9.24   | cps   |
| Titanium   | 47-1  | 225      | 233      | 217      | 225      | 3.70   | cps   |
| Uranium    | 238-1 | 167      | 292      | 317      | 258      | 31.11  | cps   |
| Vanadium   | 51-2  | 20       | 20       | 30       | 23       | 24.74  | cps   |
| Yttrium    | 89-1  | 11458836 | 11206869 | 11373443 | 11346383 | 1.13   | cps   |
| Yttrium    | 89-2  | 1907571  | 1919740  | 1922308  | 1916540  | 0.41   | cps   |
| Zinc       | 66-2  | 377      | 320      | 343      | 347      | 8.22   | cps   |
| Zirconium  | 90-1  | 800      | 742      | 767      | 770      | 3.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 22:56:43 | DataFile Name :   | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 58   | 175  | 131     | 48.33  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:00:09 | DataFile Name :   | 123SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142      | 158      | 200      | 167      | 18.03  | cps   |
| Antimony   | 121-1 | 42       | 83       | 100      | 75       | 40.06  | cps   |
| Arsenic    | 75-2  | 13       | 17       | 7        | 12       | 37.75  | cps   |
| Barium     | 135-1 | 58       | 67       | 67       | 64       | 7.53   | cps   |
| Barium     | 137-1 | 83       | 58       | 125      | 89       | 37.89  | cps   |
| Beryllium  | 9-1   | 22       | 22       | 39       | 28       | 34.65  | cps   |
| Bismuth    | 209-1 | 8719831  | 8788213  | 8726283  | 8744776  | 0.43   | cps   |
| Bismuth    | 209-2 | 5705075  | 5716764  | 5808088  | 5743309  | 0.98   | cps   |
| Boron      | 10-1  | 317      | 333      | 333      | 328      | 2.93   | cps   |
| Boron      | 11-1  | 1825     | 1725     | 1734     | 1761     | 3.15   | cps   |
| Cadmium    | 111-1 | 2882     | 3163     | 2825     | 2957     | 6.12   | cps   |
| Cadmium    | 106-1 | 4109     | 4501     | 4059     | 4223     | 5.73   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 29       | 15       | 83.31  | cps   |
| Calcium    | 43-1  | 292      | 308      | 242      | 281      | 12.37  | cps   |
| Calcium    | 44-1  | 22126    | 22193    | 22326    | 22215    | 0.46   | cps   |
| Chromium   | 52-2  | 1703     | 1907     | 1750     | 1787     | 5.96   | cps   |
| Cobalt     | 59-2  | 37       | 70       | 50       | 52       | 32.12  | cps   |
| Copper     | 63-2  | 1617     | 1690     | 1723     | 1677     | 3.26   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 25       | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 58       | 33       | 83       | 58       | 42.86  | cps   |
| Erbium     | 164-2 | 7        | 7        | 30       | 14       | 93.24  | cps   |
| Gadolinium | 160-1 | 92       | 125      | 183      | 133      | 34.80  | cps   |
| Gadolinium | 160-2 | 127      | 137      | 147      | 137      | 7.32   | cps   |
| Holmium    | 165-1 | 13265970 | 13380666 | 13453872 | 13366836 | 0.71   | cps   |
| Holmium    | 165-2 | 7637759  | 7559068  | 7574533  | 7590453  | 0.55   | cps   |
| Indium     | 115-1 | 10914139 | 11041836 | 10971398 | 10975791 | 0.58   | cps   |
| Indium     | 115-2 | 2434901  | 2455509  | 2453667  | 2448026  | 0.47   | cps   |
| Iron       | 56-2  | 7180     | 6963     | 7230     | 7124     | 1.99   | cps   |
| Iron       | 57-2  | 333      | 400      | 400      | 378      | 10.19  | cps   |
| Lead       | 206-1 | 1267     | 1278     | 1200     | 1248     | 3.37   | cps   |
| Lead       | 207-1 | 1100     | 1006     | 1117     | 1074     | 5.58   | cps   |
| Lead       | 208-1 | 4895     | 4817     | 4673     | 4795     | 2.35   | cps   |
| Lithium    | 6-1   | 1860567  | 1909631  | 1885332  | 1885176  | 1.30   | cps   |
| Magnesium  | 24-2  | 358      | 400      | 450      | 403      | 11.40  | cps   |
| Manganese  | 55-2  | 50       | 57       | 73       | 60       | 20.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:00:09 | DataFile Name :   | 123SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 183      | 275      | 225      | 228      | 20.15  | cps   |
| Molybdenum | 95-1  | 58       | 25       | 17       | 33       | 66.14  | cps   |
| Molybdenum | 96-1  | 75       | 167      | 125      | 122      | 37.55  | cps   |
| Molybdenum | 97-1  | 100      | 58       | 117      | 92       | 32.77  | cps   |
| Molybdenum | 98-1  | 92       | 75       | 42       | 69       | 36.66  | cps   |
| Neodymium  | 150-1 | 27       | 0        | 0        | 9        | 173.21 | cps   |
| Neodymium  | 150-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 87       | 93       | 57       | 79       | 24.76  | cps   |
| Phosphorus | 31-2  | 233      | 150      | 150      | 178      | 27.06  | cps   |
| Potassium  | 39-2  | 61696    | 61478    | 61361    | 61512    | 0.28   | cps   |
| Rhodium    | 103-1 | 10407979 | 10482396 | 10381268 | 10423881 | 0.50   | cps   |
| Rhodium    | 103-2 | 5268023  | 5306152  | 5321295  | 5298490  | 0.52   | cps   |
| Scandium   | 45-1  | 7253635  | 7321447  | 7176733  | 7250605  | 1.00   | cps   |
| Scandium   | 45-2  | 386260   | 383787   | 388377   | 386141   | 0.59   | cps   |
| Selenium   | 77-2  | 0        | 7        | 13       | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 94       | 106      | 135      | 112      | 18.85  | cps   |
| Selenium   | 82-1  | 166      | 268      | -79      | 118      | 150.55 | cps   |
| Silicon    | 28-1  | 619193   | 624884   | 623781   | 622619   | 0.48   | cps   |
| Silver     | 109-1 | 42       | 50       | 125      | 72       | 63.55  | cps   |
| Silver     | 107-1 | 92       | 150      | 150      | 131      | 25.80  | cps   |
| Sodium     | 23-2  | 45228    | 44116    | 43656    | 44333    | 1.82   | cps   |
| Strontium  | 86-1  | 1825     | 1725     | 1400     | 1650     | 13.47  | cps   |
| Strontium  | 88-1  | 358      | 333      | 550      | 414      | 28.64  | cps   |
| Sulfur     | 34-1  | 777126   | 776270   | 774460   | 775952   | 0.18   | cps   |
| Terbium    | 159-1 | 13990739 | 13862662 | 13798009 | 13883803 | 0.71   | cps   |
| Terbium    | 159-2 | 7554304  | 7549336  | 7558098  | 7553913  | 0.06   | cps   |
| Thallium   | 203-1 | 175      | 125      | 175      | 158      | 18.23  | cps   |
| Thallium   | 205-1 | 400      | 458      | 400      | 419      | 8.03   | cps   |
| Tin        | 118-1 | 1008     | 1125     | 1083     | 1072     | 5.51   | cps   |
| Titanium   | 47-1  | 233      | 258      | 300      | 264      | 12.76  | cps   |
| Uranium    | 238-1 | 58       | 33       | 42       | 44       | 28.65  | cps   |
| Vanadium   | 51-2  | 13       | 13       | 17       | 14       | 13.35  | cps   |
| Yttrium    | 89-1  | 11428878 | 11485928 | 11383797 | 11432868 | 0.45   | cps   |
| Yttrium    | 89-2  | 1943887  | 1954010  | 1962645  | 1953514  | 0.48   | cps   |
| Zinc       | 66-2  | 313      | 260      | 250      | 274      | 12.41  | cps   |
| Zirconium  | 90-1  | 608      | 667      | 558      | 611      | 8.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:00:09 | DataFile Name :   | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 142  | 142  | 125     | 23.10  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-09-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:03:35  | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 14407    | 13907    | 13540    | 13952    | 3.12   | cps   |
| Antimony   | 121-1 | 942      | 975      | 1000     | 972      | 3.01   | cps   |
| Arsenic    | 75-2  | 189      | 167      | 191      | 182      | 7.36   | cps   |
| Barium     | 135-1 | 56239    | 55228    | 54499    | 55322    | 1.58   | cps   |
| Barium     | 137-1 | 99807    | 95915    | 95175    | 96966    | 2.57   | cps   |
| Beryllium  | 9-1   | 78       | 56       | 17       | 50       | 61.86  | cps   |
| Bismuth    | 209-1 | 9344821  | 9553603  | 9049361  | 9315928  | 2.72   | cps   |
| Bismuth    | 209-2 | 6064510  | 6045677  | 5925049  | 6011746  | 1.26   | cps   |
| Boron      | 10-1  | 1709     | 1817     | 1975     | 1834     | 7.32   | cps   |
| Boron      | 11-1  | 9503     | 9345     | 9253     | 9367     | 1.35   | cps   |
| Cadmium    | 111-1 | 3054     | 3117     | 2974     | 3048     | 2.36   | cps   |
| Cadmium    | 106-1 | 4301     | 4368     | 4201     | 4290     | 1.96   | cps   |
| Cadmium    | 108-1 | 46       | 33       | 54       | 44       | 23.60  | cps   |
| Calcium    | 43-1  | 258870   | 252674   | 253691   | 255078   | 1.30   | cps   |
| Calcium    | 44-1  | 4302389  | 4160021  | 4197968  | 4220126  | 1.75   | cps   |
| Chromium   | 52-2  | 1737     | 1700     | 1800     | 1746     | 2.90   | cps   |
| Cobalt     | 59-2  | 357      | 370      | 370      | 366      | 2.11   | cps   |
| Copper     | 63-2  | 930930   | 919583   | 924711   | 925075   | 0.61   | cps   |
| Dysprosium | 156-1 | 125      | 142      | 75       | 114      | 30.46  | cps   |
| Dysprosium | 156-2 | 40       | 43       | 27       | 37       | 24.04  | cps   |
| Erbium     | 164-1 | 192      | 58       | 117      | 122      | 54.69  | cps   |
| Erbium     | 164-2 | 50       | 50       | 53       | 51       | 3.76   | cps   |
| Gadolinium | 160-1 | 208      | 117      | 217      | 181      | 30.73  | cps   |
| Gadolinium | 160-2 | 173      | 207      | 197      | 192      | 8.90   | cps   |
| Holmium    | 165-1 | 14509031 | 14586492 | 14251004 | 14448842 | 1.22   | cps   |
| Holmium    | 165-2 | 8044443  | 7994536  | 7875595  | 7971525  | 1.09   | cps   |
| Indium     | 115-1 | 11883463 | 11932533 | 11528013 | 11781337 | 1.87   | cps   |
| Indium     | 115-2 | 2583945  | 2588564  | 2563021  | 2578510  | 0.53   | cps   |
| Iron       | 56-2  | 139041   | 165463   | 139012   | 147839   | 10.32  | cps   |
| Iron       | 57-2  | 5048     | 4668     | 4029     | 4581     | 11.24  | cps   |
| Lead       | 206-1 | 23927    | 23438    | 22981    | 23449    | 2.02   | cps   |
| Lead       | 207-1 | 20305    | 20121    | 20127    | 20184    | 0.52   | cps   |
| Lead       | 208-1 | 94243    | 92483    | 90967    | 92564    | 1.77   | cps   |
| Lithium    | 6-1   | 2036442  | 2065555  | 1999585  | 2033861  | 1.63   | cps   |
| Magnesium  | 24-2  | 443774   | 442931   | 439406   | 442037   | 0.52   | cps   |
| Manganese  | 55-2  | 36382    | 37690    | 35540    | 36537    | 2.97   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-09-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:03:35  | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 867      | 917      | 892      | 892      | 2.80   | cps   |
| Molybdenum | 95-1  | 342      | 283      | 300      | 308      | 9.75   | cps   |
| Molybdenum | 96-1  | 533      | 558      | 517      | 536      | 3.91   | cps   |
| Molybdenum | 97-1  | 325      | 233      | 217      | 258      | 22.58  | cps   |
| Molybdenum | 98-1  | 483      | 575      | 467      | 508      | 11.47  | cps   |
| Neodymium  | 150-1 | 53       | 73       | 87       | 71       | 23.59  | cps   |
| Neodymium  | 150-2 | 27       | 20       | 30       | 26       | 19.92  | cps   |
| Nickel     | 60-2  | 1783     | 1517     | 1550     | 1617     | 8.99   | cps   |
| Phosphorus | 31-2  | 6377     | 6043     | 6752     | 6391     | 5.55   | cps   |
| Potassium  | 39-2  | 255024   | 252446   | 254369   | 253946   | 0.53   | cps   |
| Rhodium    | 103-1 | 11068103 | 11250615 | 10880457 | 11066392 | 1.67   | cps   |
| Rhodium    | 103-2 | 5586621  | 5491068  | 5508380  | 5528690  | 0.92   | cps   |
| Scandium   | 45-1  | 7890425  | 7642015  | 7586884  | 7706441  | 2.10   | cps   |
| Scandium   | 45-2  | 406727   | 404951   | 400504   | 404061   | 0.79   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 124      | 126      | 111      | 120      | 6.71   | cps   |
| Selenium   | 82-1  | 108      | 193      | 280      | 194      | 44.32  | cps   |
| Silicon    | 28-1  | 9458668  | 9392631  | 9204971  | 9352090  | 1.41   | cps   |
| Silver     | 109-1 | 458      | 642      | 492      | 531      | 18.42  | cps   |
| Silver     | 107-1 | 567      | 633      | 583      | 594      | 5.84   | cps   |
| Sodium     | 23-2  | 7642162  | 7547501  | 7558810  | 7582824  | 0.68   | cps   |
| Strontium  | 86-1  | 87954    | 87876    | 85890    | 87240    | 1.34   | cps   |
| Strontium  | 88-1  | 772065   | 756508   | 742916   | 757163   | 1.93   | cps   |
| Sulfur     | 34-1  | 857581   | 842717   | 836431   | 845576   | 1.28   | cps   |
| Terbium    | 159-1 | 15220167 | 15102181 | 14907369 | 15076572 | 1.05   | cps   |
| Terbium    | 159-2 | 8000767  | 8042393  | 7871438  | 7971533  | 1.12   | cps   |
| Thallium   | 203-1 | 400      | 425      | 375      | 400      | 6.25   | cps   |
| Thallium   | 205-1 | 858      | 833      | 908      | 867      | 4.41   | cps   |
| Tin        | 118-1 | 1967     | 2317     | 2450     | 2245     | 11.12  | cps   |
| Titanium   | 47-1  | 1542     | 1192     | 1317     | 1350     | 13.15  | cps   |
| Uranium    | 238-1 | 558      | 592      | 533      | 561      | 5.22   | cps   |
| Vanadium   | 51-2  | 253      | 347      | 260      | 287      | 18.17  | cps   |
| Yttrium    | 89-1  | 12455049 | 12632411 | 12147581 | 12411680 | 1.98   | cps   |
| Yttrium    | 89-2  | 2079242  | 2065230  | 2045684  | 2063385  | 0.82   | cps   |
| Zinc       | 66-2  | 277889   | 275531   | 278402   | 277274   | 0.55   | cps   |
| Zirconium  | 90-1  | 1984     | 1967     | 1925     | 1959     | 1.53   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-09-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:03:35  | DataFile Name :   | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 500  | 425  | 458  | 461     | 8.15   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-10-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:07:01  | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1467     | 1584     | 1776     | 1609     | 9.70   | cps   |
| Antimony   | 121-1 | 800      | 625      | 642      | 689      | 14.02  | cps   |
| Arsenic    | 75-2  | 191      | 215      | 180      | 195      | 9.22   | cps   |
| Barium     | 135-1 | 55118    | 54432    | 53972    | 54508    | 1.06   | cps   |
| Barium     | 137-1 | 97307    | 96274    | 95327    | 96303    | 1.03   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 17       | 22       | 43.28  | cps   |
| Bismuth    | 209-1 | 9225092  | 9525285  | 9283497  | 9344624  | 1.70   | cps   |
| Bismuth    | 209-2 | 5933173  | 5997789  | 5889378  | 5940113  | 0.92   | cps   |
| Boron      | 10-1  | 1475     | 1617     | 1600     | 1564     | 4.95   | cps   |
| Boron      | 11-1  | 8970     | 8027     | 8678     | 8558     | 5.64   | cps   |
| Cadmium    | 111-1 | 2938     | 2814     | 2754     | 2836     | 3.31   | cps   |
| Cadmium    | 106-1 | 4151     | 4017     | 3867     | 4012     | 3.53   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 4        | 17       | 66.13  | cps   |
| Calcium    | 43-1  | 251291   | 248792   | 246172   | 248752   | 1.03   | cps   |
| Calcium    | 44-1  | 4143779  | 4093074  | 4092245  | 4109700  | 0.72   | cps   |
| Chromium   | 52-2  | 1940     | 1810     | 1847     | 1866     | 3.59   | cps   |
| Cobalt     | 59-2  | 153      | 177      | 133      | 154      | 14.04  | cps   |
| Copper     | 63-2  | 529061   | 529664   | 529285   | 529337   | 0.06   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 58       | 47       | 40.76  | cps   |
| Dysprosium | 156-2 | 27       | 53       | 60       | 47       | 37.79  | cps   |
| Erbium     | 164-1 | 167      | 92       | 108      | 122      | 32.22  | cps   |
| Erbium     | 164-2 | 67       | 73       | 73       | 71       | 5.41   | cps   |
| Gadolinium | 160-1 | 183      | 217      | 225      | 208      | 10.58  | cps   |
| Gadolinium | 160-2 | 210      | 157      | 213      | 193      | 16.45  | cps   |
| Holmium    | 165-1 | 14282919 | 14463233 | 14123859 | 14290003 | 1.19   | cps   |
| Holmium    | 165-2 | 7961325  | 7940329  | 7828890  | 7910181  | 0.90   | cps   |
| Indium     | 115-1 | 11661249 | 11746466 | 11597058 | 11668258 | 0.64   | cps   |
| Indium     | 115-2 | 2513996  | 2538839  | 2511872  | 2521569  | 0.59   | cps   |
| Iron       | 56-2  | 276806   | 270249   | 292487   | 279847   | 4.08   | cps   |
| Iron       | 57-2  | 7615     | 7247     | 7335     | 7399     | 2.60   | cps   |
| Lead       | 206-1 | 3456     | 3640     | 3278     | 3458     | 5.22   | cps   |
| Lead       | 207-1 | 3067     | 3223     | 3162     | 3150     | 2.49   | cps   |
| Lead       | 208-1 | 14404    | 14437    | 13709    | 14183    | 2.90   | cps   |
| Lithium    | 6-1   | 2000411  | 2033532  | 1976886  | 2003610  | 1.42   | cps   |
| Magnesium  | 24-2  | 424665   | 428058   | 430100   | 427608   | 0.64   | cps   |
| Manganese  | 55-2  | 31327    | 31237    | 31307    | 31290    | 0.15   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-10-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:07:01  | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 700      | 817      | 719      | 12.38  | cps   |
| Molybdenum | 95-1  | 375      | 392      | 275      | 347      | 18.17  | cps   |
| Molybdenum | 96-1  | 325      | 500      | 550      | 458      | 25.78  | cps   |
| Molybdenum | 97-1  | 275      | 275      | 350      | 300      | 14.43  | cps   |
| Molybdenum | 98-1  | 500      | 433      | 525      | 486      | 9.75   | cps   |
| Neodymium  | 150-1 | 53       | 107      | 87       | 82       | 32.76  | cps   |
| Neodymium  | 150-2 | 40       | 17       | 50       | 36       | 48.10  | cps   |
| Nickel     | 60-2  | 637      | 563      | 580      | 593      | 6.48   | cps   |
| Phosphorus | 31-2  | 7052     | 7435     | 7077     | 7188     | 2.99   | cps   |
| Potassium  | 39-2  | 241778   | 242253   | 243562   | 242531   | 0.38   | cps   |
| Rhodium    | 103-1 | 11011300 | 11013633 | 10975951 | 11000294 | 0.19   | cps   |
| Rhodium    | 103-2 | 5404663  | 5462516  | 5404813  | 5423997  | 0.62   | cps   |
| Scandium   | 45-1  | 7598788  | 7787010  | 7577026  | 7654274  | 1.51   | cps   |
| Scandium   | 45-2  | 401166   | 398908   | 394187   | 398087   | 0.89   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 124      | 109      | 87       | 107      | 17.46  | cps   |
| Selenium   | 82-1  | 308      | 217      | 329      | 285      | 20.86  | cps   |
| Silicon    | 28-1  | 8909105  | 8897713  | 8781075  | 8862631  | 0.80   | cps   |
| Silver     | 109-1 | 150      | 208      | 267      | 208      | 28.00  | cps   |
| Silver     | 107-1 | 250      | 175      | 292      | 239      | 24.75  | cps   |
| Sodium     | 23-2  | 7351761  | 7261544  | 7331099  | 7314801  | 0.65   | cps   |
| Strontium  | 86-1  | 87675    | 85271    | 86594    | 86513    | 1.39   | cps   |
| Strontium  | 88-1  | 747687   | 745809   | 746390   | 746629   | 0.13   | cps   |
| Sulfur     | 34-1  | 818679   | 824363   | 820056   | 821033   | 0.36   | cps   |
| Terbium    | 159-1 | 14916186 | 14781224 | 14768198 | 14821869 | 0.55   | cps   |
| Terbium    | 159-2 | 7844030  | 7799711  | 7800695  | 7814812  | 0.32   | cps   |
| Thallium   | 203-1 | 275      | 175      | 217      | 222      | 22.60  | cps   |
| Thallium   | 205-1 | 517      | 475      | 567      | 519      | 8.84   | cps   |
| Tin        | 118-1 | 800      | 858      | 758      | 806      | 6.24   | cps   |
| Titanium   | 47-1  | 1317     | 1451     | 1300     | 1356     | 6.09   | cps   |
| Uranium    | 238-1 | 600      | 650      | 433      | 561      | 20.22  | cps   |
| Vanadium   | 51-2  | 320      | 290      | 297      | 302      | 5.21   | cps   |
| Yttrium    | 89-1  | 12115912 | 12197881 | 12108163 | 12140652 | 0.41   | cps   |
| Yttrium    | 89-2  | 2017436  | 2030769  | 2022565  | 2023590  | 0.33   | cps   |
| Zinc       | 66-2  | 9997     | 9707     | 9817     | 9840     | 1.49   | cps   |
| Zirconium  | 90-1  | 1642     | 1542     | 1583     | 1589     | 3.16   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-10-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:07:01  | DataFile Name :   | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 317  | 383  | 386     | 18.36  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-11 Instrumnet Name : P7  
 Client Sample ID : DC24728-11-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:10:27 DataFile Name : 126SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8778     | 8136     | 8044     | 8320     | 4.81   | cps   |
| Antimony   | 121-1 | 1008     | 1083     | 875      | 989      | 10.67  | cps   |
| Arsenic    | 75-2  | 217      | 176      | 217      | 203      | 11.58  | cps   |
| Barium     | 135-1 | 56081    | 55110    | 54374    | 55188    | 1.55   | cps   |
| Barium     | 137-1 | 95745    | 94756    | 93740    | 94747    | 1.06   | cps   |
| Beryllium  | 9-1   | 39       | 22       | 39       | 33       | 28.87  | cps   |
| Bismuth    | 209-1 | 9150148  | 8920345  | 9071931  | 9047475  | 1.29   | cps   |
| Bismuth    | 209-2 | 6048005  | 6061547  | 6025526  | 6045026  | 0.30   | cps   |
| Boron      | 10-1  | 1809     | 1592     | 2009     | 1803     | 11.56  | cps   |
| Boron      | 11-1  | 9120     | 8394     | 8678     | 8731     | 4.19   | cps   |
| Cadmium    | 111-1 | 2692     | 2952     | 2841     | 2828     | 4.61   | cps   |
| Cadmium    | 106-1 | 3792     | 4109     | 3976     | 3959     | 4.02   | cps   |
| Cadmium    | 108-1 | 42       | 29       | 25       | 32       | 27.15  | cps   |
| Calcium    | 43-1  | 251616   | 249784   | 249646   | 250349   | 0.44   | cps   |
| Calcium    | 44-1  | 4164926  | 4139169  | 4132230  | 4145442  | 0.42   | cps   |
| Chromium   | 52-2  | 1770     | 1827     | 1877     | 1825     | 2.93   | cps   |
| Cobalt     | 59-2  | 343      | 257      | 287      | 296      | 14.90  | cps   |
| Copper     | 63-2  | 814338   | 821289   | 824694   | 820107   | 0.64   | cps   |
| Dysprosium | 156-1 | 67       | 33       | 50       | 50       | 33.34  | cps   |
| Dysprosium | 156-2 | 33       | 47       | 27       | 36       | 28.64  | cps   |
| Erbium     | 164-1 | 100      | 133      | 58       | 97       | 38.65  | cps   |
| Erbium     | 164-2 | 60       | 73       | 77       | 70       | 12.60  | cps   |
| Gadolinium | 160-1 | 300      | 142      | 192      | 211      | 38.34  | cps   |
| Gadolinium | 160-2 | 170      | 200      | 197      | 189      | 8.71   | cps   |
| Holmium    | 165-1 | 14336119 | 13952718 | 14323202 | 14204013 | 1.53   | cps   |
| Holmium    | 165-2 | 7858118  | 7988825  | 8116324  | 7987756  | 1.62   | cps   |
| Indium     | 115-1 | 11674144 | 11403094 | 11670322 | 11582520 | 1.34   | cps   |
| Indium     | 115-2 | 2575858  | 2569730  | 2568377  | 2571322  | 0.16   | cps   |
| Iron       | 56-2  | 130232   | 135127   | 135024   | 133461   | 2.10   | cps   |
| Iron       | 57-2  | 3867     | 4323     | 4023     | 4071     | 5.69   | cps   |
| Lead       | 206-1 | 31410    | 31126    | 30630    | 31055    | 1.27   | cps   |
| Lead       | 207-1 | 27351    | 25909    | 26165    | 26475    | 2.91   | cps   |
| Lead       | 208-1 | 124228   | 121090   | 120710   | 122009   | 1.58   | cps   |
| Lithium    | 6-1   | 1977682  | 1970514  | 1996415  | 1981537  | 0.67   | cps   |
| Magnesium  | 24-2  | 436533   | 439379   | 440026   | 438646   | 0.42   | cps   |
| Manganese  | 55-2  | 33842    | 37253    | 35069    | 35388    | 4.88   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-11-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:10:27  | DataFile Name :   | 126SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 642      | 608      | 667      | 11.11  | cps   |
| Molybdenum | 95-1  | 300      | 358      | 292      | 317      | 11.47  | cps   |
| Molybdenum | 96-1  | 1145     | 442      | 392      | 659      | 63.88  | cps   |
| Molybdenum | 97-1  | 267      | 267      | 317      | 283      | 10.19  | cps   |
| Molybdenum | 98-1  | 458      | 467      | 475      | 467      | 1.79   | cps   |
| Neodymium  | 150-1 | 53       | 60       | 47       | 53       | 12.50  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 47       | 29       | 54.53  | cps   |
| Nickel     | 60-2  | 1417     | 1387     | 1503     | 1436     | 4.22   | cps   |
| Phosphorus | 31-2  | 6377     | 6243     | 6727     | 6449     | 3.87   | cps   |
| Potassium  | 39-2  | 262729   | 265218   | 266851   | 264933   | 0.78   | cps   |
| Rhodium    | 103-1 | 10784433 | 10555936 | 11008661 | 10783010 | 2.10   | cps   |
| Rhodium    | 103-2 | 5523155  | 5517295  | 5510579  | 5517010  | 0.11   | cps   |
| Scandium   | 45-1  | 7534899  | 7357108  | 7582318  | 7491442  | 1.58   | cps   |
| Scandium   | 45-2  | 405463   | 399516   | 402522   | 402500   | 0.74   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 135      | 128      | 146      | 136      | 6.83   | cps   |
| Selenium   | 82-1  | 310      | 203      | 266      | 260      | 20.74  | cps   |
| Silicon    | 28-1  | 9011385  | 9342245  | 9059826  | 9137819  | 1.96   | cps   |
| Silver     | 109-1 | 483      | 508      | 383      | 458      | 14.43  | cps   |
| Silver     | 107-1 | 542      | 583      | 542      | 556      | 4.33   | cps   |
| Sodium     | 23-2  | 7394411  | 7369408  | 7485836  | 7416552  | 0.83   | cps   |
| Strontium  | 86-1  | 86755    | 86402    | 87080    | 86746    | 0.39   | cps   |
| Strontium  | 88-1  | 749903   | 734582   | 737814   | 740766   | 1.09   | cps   |
| Sulfur     | 34-1  | 810338   | 810144   | 813562   | 811348   | 0.24   | cps   |
| Terbium    | 159-1 | 14700016 | 14612570 | 14865022 | 14725869 | 0.87   | cps   |
| Terbium    | 159-2 | 8067722  | 7916499  | 8025704  | 8003309  | 0.98   | cps   |
| Thallium   | 203-1 | 267      | 308      | 233      | 269      | 13.95  | cps   |
| Thallium   | 205-1 | 617      | 708      | 658      | 661      | 6.94   | cps   |
| Tin        | 118-1 | 967      | 1042     | 1217     | 1075     | 11.93  | cps   |
| Titanium   | 47-1  | 1084     | 1367     | 1183     | 1211     | 11.87  | cps   |
| Uranium    | 238-1 | 558      | 542      | 725      | 608      | 16.67  | cps   |
| Vanadium   | 51-2  | 297      | 350      | 250      | 299      | 16.74  | cps   |
| Yttrium    | 89-1  | 12049584 | 11720984 | 12132236 | 11967601 | 1.82   | cps   |
| Yttrium    | 89-2  | 2044309  | 2049162  | 2056432  | 2049968  | 0.30   | cps   |
| Zinc       | 66-2  | 224437   | 225486   | 228650   | 226191   | 0.97   | cps   |
| Zirconium  | 90-1  | 1600     | 1417     | 1642     | 1553     | 7.71   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-11-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:10:27  | DataFile Name :   | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 383  | 292  | 325     | 15.60  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-12 Instrumnet Name : P7  
 Client Sample ID : DC24728-12-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:13:52 DataFile Name : 127SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1584     | 1575     | 3570     | 2243     | 51.24  | cps   |
| Antimony   | 121-1 | 692      | 700      | 708      | 700      | 1.19   | cps   |
| Arsenic    | 75-2  | 163      | 198      | 163      | 175      | 11.63  | cps   |
| Barium     | 135-1 | 55152    | 55863    | 55420    | 55478    | 0.65   | cps   |
| Barium     | 137-1 | 96358    | 97323    | 96191    | 96624    | 0.63   | cps   |
| Beryllium  | 9-1   | 39       | 11       | 17       | 22       | 66.14  | cps   |
| Bismuth    | 209-1 | 9050785  | 9291113  | 9468602  | 9270167  | 2.26   | cps   |
| Bismuth    | 209-2 | 5806254  | 5744405  | 6051197  | 5867285  | 2.77   | cps   |
| Boron      | 10-1  | 1800     | 1775     | 1842     | 1806     | 1.87   | cps   |
| Boron      | 11-1  | 8586     | 8711     | 8711     | 8669     | 0.83   | cps   |
| Cadmium    | 111-1 | 2765     | 3046     | 3099     | 2970     | 6.05   | cps   |
| Cadmium    | 106-1 | 3959     | 4309     | 4409     | 4226     | 5.59   | cps   |
| Cadmium    | 108-1 | 33       | 17       | 13       | 21       | 52.90  | cps   |
| Calcium    | 43-1  | 254376   | 245889   | 246395   | 248887   | 1.91   | cps   |
| Calcium    | 44-1  | 4181484  | 4099894  | 4069303  | 4116893  | 1.41   | cps   |
| Chromium   | 52-2  | 1847     | 1917     | 1853     | 1872     | 2.06   | cps   |
| Cobalt     | 59-2  | 183      | 133      | 187      | 168      | 17.81  | cps   |
| Copper     | 63-2  | 621428   | 619204   | 615261   | 618631   | 0.50   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 83       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 27       | 37       | 60       | 41       | 41.60  | cps   |
| Erbium     | 164-1 | 133      | 67       | 158      | 119      | 39.67  | cps   |
| Erbium     | 164-2 | 27       | 77       | 63       | 56       | 46.60  | cps   |
| Gadolinium | 160-1 | 167      | 183      | 183      | 178      | 5.41   | cps   |
| Gadolinium | 160-2 | 170      | 193      | 177      | 180      | 6.68   | cps   |
| Holmium    | 165-1 | 14292026 | 14296053 | 14420301 | 14336127 | 0.51   | cps   |
| Holmium    | 165-2 | 7777200  | 7726544  | 7902537  | 7802094  | 1.16   | cps   |
| Indium     | 115-1 | 11638247 | 11613362 | 11715350 | 11655653 | 0.46   | cps   |
| Indium     | 115-2 | 2520595  | 2502845  | 2572103  | 2531848  | 1.42   | cps   |
| Iron       | 56-2  | 266845   | 270271   | 270569   | 269228   | 0.77   | cps   |
| Iron       | 57-2  | 7391     | 7830     | 7347     | 7523     | 3.55   | cps   |
| Lead       | 206-1 | 3412     | 3506     | 3234     | 3384     | 4.09   | cps   |
| Lead       | 207-1 | 2695     | 2889     | 2506     | 2697     | 7.11   | cps   |
| Lead       | 208-1 | 12486    | 13042    | 12442    | 12656    | 2.64   | cps   |
| Lithium    | 6-1   | 1982952  | 1997334  | 2017136  | 1999140  | 0.86   | cps   |
| Magnesium  | 24-2  | 426606   | 427866   | 424773   | 426415   | 0.36   | cps   |
| Manganese  | 55-2  | 31705    | 29573    | 30272    | 30517    | 3.56   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-12-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:13:52  | DataFile Name :   | 127SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 858      | 800      | 658      | 772      | 13.32  | cps   |
| Molybdenum | 95-1  | 242      | 250      | 292      | 261      | 10.26  | cps   |
| Molybdenum | 96-1  | 367      | 450      | 383      | 400      | 11.02  | cps   |
| Molybdenum | 97-1  | 250      | 258      | 250      | 253      | 1.90   | cps   |
| Molybdenum | 98-1  | 575      | 533      | 475      | 528      | 9.52   | cps   |
| Neodymium  | 150-1 | 73       | 73       | 73       | 73       | 0.00   | cps   |
| Neodymium  | 150-2 | 23       | 20       | 17       | 20       | 16.65  | cps   |
| Nickel     | 60-2  | 620      | 660      | 577      | 619      | 6.73   | cps   |
| Phosphorus | 31-2  | 7219     | 7677     | 6869     | 7255     | 5.59   | cps   |
| Potassium  | 39-2  | 242746   | 244660   | 241484   | 242963   | 0.66   | cps   |
| Rhodium    | 103-1 | 10886172 | 11012991 | 11115076 | 11004746 | 1.04   | cps   |
| Rhodium    | 103-2 | 5428807  | 5391863  | 5527596  | 5449422  | 1.29   | cps   |
| Scandium   | 45-1  | 7653422  | 7658579  | 7878099  | 7730033  | 1.66   | cps   |
| Scandium   | 45-2  | 397038   | 393241   | 401292   | 397190   | 1.01   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 102      | 143      | 102      | 115      | 20.38  | cps   |
| Selenium   | 82-1  | 356      | 281      | 281      | 306      | 14.14  | cps   |
| Silicon    | 28-1  | 9007434  | 9152259  | 8941748  | 9033814  | 1.19   | cps   |
| Silver     | 109-1 | 233      | 283      | 200      | 239      | 17.56  | cps   |
| Silver     | 107-1 | 242      | 308      | 400      | 317      | 25.10  | cps   |
| Sodium     | 23-2  | 7318188  | 7295073  | 7297862  | 7303708  | 0.17   | cps   |
| Strontium  | 86-1  | 86593    | 86468    | 85856    | 86306    | 0.46   | cps   |
| Strontium  | 88-1  | 758899   | 741127   | 742552   | 747526   | 1.32   | cps   |
| Sulfur     | 34-1  | 810565   | 806396   | 810667   | 809209   | 0.30   | cps   |
| Terbium    | 159-1 | 14931110 | 14900462 | 15031700 | 14954424 | 0.46   | cps   |
| Terbium    | 159-2 | 7807574  | 7737419  | 7864318  | 7803103  | 0.81   | cps   |
| Thallium   | 203-1 | 192      | 242      | 208      | 214      | 11.90  | cps   |
| Thallium   | 205-1 | 592      | 633      | 517      | 581      | 10.18  | cps   |
| Tin        | 118-1 | 758      | 842      | 783      | 795      | 5.38   | cps   |
| Titanium   | 47-1  | 1442     | 1125     | 1117     | 1228     | 15.09  | cps   |
| Uranium    | 238-1 | 483      | 500      | 508      | 497      | 2.56   | cps   |
| Vanadium   | 51-2  | 317      | 460      | 303      | 360      | 24.14  | cps   |
| Yttrium    | 89-1  | 12159358 | 12230781 | 12329624 | 12239921 | 0.70   | cps   |
| Yttrium    | 89-2  | 2012629  | 2003626  | 2055451  | 2023902  | 1.37   | cps   |
| Zinc       | 66-2  | 11301    | 11098    | 10484    | 10961    | 3.88   | cps   |
| Zirconium  | 90-1  | 1583     | 1942     | 1375     | 1634     | 17.56  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-12-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:13:52  | DataFile Name :   | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 375  | 267  | 328     | 16.93  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-13 Instrumnet Name : P7  
 Client Sample ID : DC24728-13-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:17:18 DataFile Name : 128SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1709     | 2000     | 7228     | 3646     | 85.20  | cps   |
| Antimony   | 121-1 | 592      | 617      | 625      | 611      | 2.84   | cps   |
| Arsenic    | 75-2  | 157      | 178      | 156      | 164      | 7.54   | cps   |
| Barium     | 135-1 | 50317    | 50869    | 52007    | 51064    | 1.69   | cps   |
| Barium     | 137-1 | 88616    | 88465    | 89127    | 88736    | 0.39   | cps   |
| Beryllium  | 9-1   | 44       | 22       | 67       | 44       | 50.00  | cps   |
| Bismuth    | 209-1 | 9126099  | 9325103  | 9279850  | 9243684  | 1.13   | cps   |
| Bismuth    | 209-2 | 6070584  | 5969553  | 5964546  | 6001561  | 1.00   | cps   |
| Boron      | 10-1  | 1725     | 1817     | 1834     | 1792     | 3.26   | cps   |
| Boron      | 11-1  | 8503     | 8836     | 8469     | 8603     | 2.36   | cps   |
| Cadmium    | 111-1 | 2610     | 2710     | 2818     | 2713     | 3.85   | cps   |
| Cadmium    | 106-1 | 3701     | 3834     | 4009     | 3848     | 4.02   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 249406   | 244726   | 245268   | 246466   | 1.04   | cps   |
| Calcium    | 44-1  | 4129006  | 4103951  | 4050441  | 4094466  | 0.98   | cps   |
| Chromium   | 52-2  | 1670     | 1837     | 2044     | 1850     | 10.11  | cps   |
| Cobalt     | 59-2  | 163      | 183      | 143      | 163      | 12.24  | cps   |
| Copper     | 63-2  | 451600   | 448427   | 447273   | 449100   | 0.50   | cps   |
| Dysprosium | 156-1 | 8        | 50       | 50       | 36       | 66.62  | cps   |
| Dysprosium | 156-2 | 43       | 37       | 53       | 44       | 18.87  | cps   |
| Erbium     | 164-1 | 150      | 108      | 117      | 125      | 17.64  | cps   |
| Erbium     | 164-2 | 27       | 77       | 77       | 60       | 48.11  | cps   |
| Gadolinium | 160-1 | 208      | 217      | 183      | 203      | 8.55   | cps   |
| Gadolinium | 160-2 | 157      | 207      | 173      | 179      | 14.23  | cps   |
| Holmium    | 165-1 | 14302643 | 14398786 | 14222228 | 14307886 | 0.62   | cps   |
| Holmium    | 165-2 | 8034687  | 7967472  | 7960343  | 7987501  | 0.51   | cps   |
| Indium     | 115-1 | 11595672 | 11620769 | 11490517 | 11568986 | 0.60   | cps   |
| Indium     | 115-2 | 2568374  | 2575157  | 2542570  | 2562034  | 0.67   | cps   |
| Iron       | 56-2  | 133920   | 127243   | 138574   | 133246   | 4.27   | cps   |
| Iron       | 57-2  | 4480     | 3984     | 3962     | 4142     | 7.07   | cps   |
| Lead       | 206-1 | 2523     | 2689     | 2784     | 2665     | 4.96   | cps   |
| Lead       | 207-1 | 2128     | 2256     | 2289     | 2224     | 3.82   | cps   |
| Lead       | 208-1 | 10219    | 10246    | 10241    | 10235    | 0.14   | cps   |
| Lithium    | 6-1   | 1976479  | 1962542  | 1955520  | 1964847  | 0.54   | cps   |
| Magnesium  | 24-2  | 429170   | 427089   | 426404   | 427554   | 0.34   | cps   |
| Manganese  | 55-2  | 30138    | 29045    | 27423    | 28869    | 4.73   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-13-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:17:18   | DataFile Name :   | 128SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 592      | 650      | 550      | 597      | 8.41   | cps   |
| Molybdenum | 95-1  | 300      | 192      | 342      | 278      | 27.87  | cps   |
| Molybdenum | 96-1  | 467      | 325      | 450      | 414      | 18.71  | cps   |
| Molybdenum | 97-1  | 208      | 283      | 392      | 294      | 31.31  | cps   |
| Molybdenum | 98-1  | 492      | 467      | 442      | 467      | 5.36   | cps   |
| Neodymium  | 150-1 | 47       | 100      | 107      | 84       | 38.94  | cps   |
| Neodymium  | 150-2 | 27       | 20       | 17       | 21       | 24.12  | cps   |
| Nickel     | 60-2  | 1143     | 1237     | 1153     | 1178     | 4.35   | cps   |
| Phosphorus | 31-2  | 6952     | 6777     | 6702     | 6810     | 1.88   | cps   |
| Potassium  | 39-2  | 242297   | 240219   | 243882   | 242133   | 0.76   | cps   |
| Rhodium    | 103-1 | 10948578 | 10873519 | 10831161 | 10884420 | 0.55   | cps   |
| Rhodium    | 103-2 | 5495369  | 5490813  | 5441190  | 5475791  | 0.55   | cps   |
| Scandium   | 45-1  | 7655318  | 7587497  | 7567672  | 7603495  | 0.60   | cps   |
| Scandium   | 45-2  | 401865   | 403625   | 401940   | 402477   | 0.25   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 148      | 156      | 104      | 136      | 20.65  | cps   |
| Selenium   | 82-1  | 358      | 198      | 287      | 281      | 28.64  | cps   |
| Silicon    | 28-1  | 8899615  | 9438949  | 8849906  | 9062823  | 3.60   | cps   |
| Silver     | 109-1 | 142      | 150      | 108      | 133      | 16.54  | cps   |
| Silver     | 107-1 | 92       | 217      | 125      | 144      | 44.81  | cps   |
| Sodium     | 23-2  | 7333419  | 7284299  | 7324987  | 7314235  | 0.36   | cps   |
| Strontium  | 86-1  | 86410    | 86241    | 85462    | 86038    | 0.59   | cps   |
| Strontium  | 88-1  | 738343   | 739323   | 727422   | 735030   | 0.90   | cps   |
| Sulfur     | 34-1  | 804675   | 811475   | 812167   | 809439   | 0.51   | cps   |
| Terbium    | 159-1 | 14908631 | 14841992 | 14738154 | 14829592 | 0.58   | cps   |
| Terbium    | 159-2 | 8007591  | 7894810  | 7859096  | 7920499  | 0.98   | cps   |
| Thallium   | 203-1 | 192      | 183      | 242      | 206      | 15.35  | cps   |
| Thallium   | 205-1 | 442      | 500      | 500      | 481      | 7.01   | cps   |
| Tin        | 118-1 | 683      | 658      | 600      | 647      | 6.61   | cps   |
| Titanium   | 47-1  | 3517     | 1008     | 1033     | 1853     | 77.78  | cps   |
| Uranium    | 238-1 | 567      | 575      | 517      | 553      | 5.71   | cps   |
| Vanadium   | 51-2  | 300      | 300      | 277      | 292      | 4.61   | cps   |
| Yttrium    | 89-1  | 12244645 | 12200247 | 11964124 | 12136339 | 1.24   | cps   |
| Yttrium    | 89-2  | 2063984  | 2040930  | 2035678  | 2046864  | 0.74   | cps   |
| Zinc       | 66-2  | 22317    | 21760    | 21703    | 21927    | 1.55   | cps   |
| Zirconium  | 90-1  | 1375     | 1308     | 1217     | 1300     | 6.12   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-13-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:17:18   | DataFile Name :   | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 250  | 342  | 286     | 17.07  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-14 Instrumnet Name : P7  
 Client Sample ID : DC24728-14-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:20:44 DataFile Name : 129SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1842     | 1900     | 1659     | 1800     | 7.01   | cps   |
| Antimony   | 121-1 | 958      | 717      | 708      | 795      | 17.87  | cps   |
| Arsenic    | 75-2  | 169      | 231      | 239      | 213      | 18.16  | cps   |
| Barium     | 135-1 | 52625    | 51638    | 51505    | 51923    | 1.18   | cps   |
| Barium     | 137-1 | 90586    | 90520    | 90922    | 90676    | 0.24   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 44       | 30       | 43.32  | cps   |
| Bismuth    | 209-1 | 8527827  | 9178407  | 8972987  | 8893074  | 3.74   | cps   |
| Bismuth    | 209-2 | 5865369  | 5864384  | 6254543  | 5994765  | 3.75   | cps   |
| Boron      | 10-1  | 1800     | 1867     | 1767     | 1811     | 2.81   | cps   |
| Boron      | 11-1  | 8753     | 9045     | 8461     | 8753     | 3.33   | cps   |
| Cadmium    | 111-1 | 2760     | 2851     | 2811     | 2807     | 1.64   | cps   |
| Cadmium    | 106-1 | 3926     | 4051     | 3984     | 3987     | 1.57   | cps   |
| Cadmium    | 108-1 | 25       | 25       | 17       | 22       | 21.64  | cps   |
| Calcium    | 43-1  | 245012   | 245521   | 244719   | 245084   | 0.17   | cps   |
| Calcium    | 44-1  | 4061734  | 4052423  | 4038379  | 4050845  | 0.29   | cps   |
| Chromium   | 52-2  | 1840     | 1763     | 1760     | 1788     | 2.53   | cps   |
| Cobalt     | 59-2  | 150      | 163      | 147      | 153      | 5.75   | cps   |
| Copper     | 63-2  | 522409   | 523113   | 521585   | 522369   | 0.15   | cps   |
| Dysprosium | 156-1 | 108      | 117      | 75       | 100      | 22.05  | cps   |
| Dysprosium | 156-2 | 43       | 37       | 30       | 37       | 18.18  | cps   |
| Erbium     | 164-1 | 150      | 83       | 83       | 106      | 36.46  | cps   |
| Erbium     | 164-2 | 47       | 40       | 57       | 48       | 17.56  | cps   |
| Gadolinium | 160-1 | 133      | 167      | 125      | 142      | 15.56  | cps   |
| Gadolinium | 160-2 | 197      | 190      | 173      | 187      | 6.44   | cps   |
| Holmium    | 165-1 | 13860634 | 14160408 | 14110778 | 14043940 | 1.14   | cps   |
| Holmium    | 165-2 | 7860079  | 7919373  | 8127403  | 7968952  | 1.76   | cps   |
| Indium     | 115-1 | 11242488 | 11549687 | 11503407 | 11431861 | 1.45   | cps   |
| Indium     | 115-2 | 2519204  | 2562025  | 2613442  | 2564891  | 1.84   | cps   |
| Iron       | 56-2  | 189132   | 196608   | 186660   | 190800   | 2.71   | cps   |
| Iron       | 57-2  | 5824     | 5368     | 5779     | 5657     | 4.44   | cps   |
| Lead       | 206-1 | 3467     | 3356     | 3723     | 3515     | 5.35   | cps   |
| Lead       | 207-1 | 3012     | 3251     | 3217     | 3160     | 4.10   | cps   |
| Lead       | 208-1 | 13942    | 14126    | 14309    | 14126    | 1.30   | cps   |
| Lithium    | 6-1   | 1924818  | 1961210  | 1941720  | 1942583  | 0.94   | cps   |
| Magnesium  | 24-2  | 426418   | 430574   | 429976   | 428989   | 0.52   | cps   |
| Manganese  | 55-2  | 29330    | 30418    | 30491    | 30080    | 2.16   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-14-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:20:44   | DataFile Name :   | 129SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 650      | 683      | 767      | 700      | 8.59   | cps   |
| Molybdenum | 95-1  | 317      | 325      | 258      | 300      | 12.11  | cps   |
| Molybdenum | 96-1  | 350      | 383      | 450      | 394      | 12.91  | cps   |
| Molybdenum | 97-1  | 258      | 250      | 258      | 256      | 1.88   | cps   |
| Molybdenum | 98-1  | 450      | 450      | 600      | 500      | 17.32  | cps   |
| Neodymium  | 150-1 | 73       | 87       | 60       | 73       | 18.18  | cps   |
| Neodymium  | 150-2 | 43       | 37       | 47       | 42       | 12.06  | cps   |
| Nickel     | 60-2  | 1323     | 1363     | 1353     | 1347     | 1.55   | cps   |
| Phosphorus | 31-2  | 7319     | 6593     | 7269     | 7060     | 5.74   | cps   |
| Potassium  | 39-2  | 248638   | 246988   | 250488   | 248705   | 0.70   | cps   |
| Rhodium    | 103-1 | 10498400 | 10827494 | 10751071 | 10692321 | 1.61   | cps   |
| Rhodium    | 103-2 | 5408132  | 5498573  | 5645292  | 5517332  | 2.17   | cps   |
| Scandium   | 45-1  | 7243412  | 7847877  | 7534006  | 7541765  | 4.01   | cps   |
| Scandium   | 45-2  | 392696   | 399790   | 418912   | 403800   | 3.36   | cps   |
| Selenium   | 77-2  | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 122      | 135      | 91       | 116      | 19.70  | cps   |
| Selenium   | 82-1  | 271      | 253      | 152      | 225      | 28.52  | cps   |
| Silicon    | 28-1  | 8915555  | 8719174  | 9027208  | 8887312  | 1.75   | cps   |
| Silver     | 109-1 | 183      | 175      | 167      | 175      | 4.76   | cps   |
| Silver     | 107-1 | 292      | 258      | 183      | 244      | 22.70  | cps   |
| Sodium     | 23-2  | 7374334  | 7397675  | 7353518  | 7375176  | 0.30   | cps   |
| Strontium  | 86-1  | 84499    | 84339    | 83777    | 84205    | 0.45   | cps   |
| Strontium  | 88-1  | 737179   | 723561   | 728303   | 729681   | 0.95   | cps   |
| Sulfur     | 34-1  | 844760   | 846101   | 850129   | 846997   | 0.33   | cps   |
| Terbium    | 159-1 | 14295066 | 14711455 | 14681724 | 14562748 | 1.60   | cps   |
| Terbium    | 159-2 | 7906606  | 7892507  | 8040883  | 7946666  | 1.03   | cps   |
| Thallium   | 203-1 | 275      | 233      | 217      | 242      | 12.43  | cps   |
| Thallium   | 205-1 | 675      | 642      | 475      | 597      | 17.94  | cps   |
| Tin        | 118-1 | 767      | 692      | 592      | 683      | 12.85  | cps   |
| Titanium   | 47-1  | 1100     | 1175     | 1208     | 1161     | 4.78   | cps   |
| Uranium    | 238-1 | 583      | 533      | 500      | 539      | 7.78   | cps   |
| Vanadium   | 51-2  | 293      | 300      | 203      | 266      | 20.33  | cps   |
| Yttrium    | 89-1  | 11705206 | 12102221 | 12058179 | 11955202 | 1.82   | cps   |
| Yttrium    | 89-2  | 2026258  | 2064450  | 2099352  | 2063353  | 1.77   | cps   |
| Zinc       | 66-2  | 20171    | 20321    | 20278    | 20257    | 0.38   | cps   |
| Zirconium  | 90-1  | 1392     | 1450     | 1350     | 1397     | 3.60   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-14-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:20:44   | DataFile Name :   | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 342  | 642  | 420     | 46.64  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-15-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:24:10  | DataFile Name :   | 130SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2942     | 2784     | 3134     | 2953     | 5.94   | cps   |
| Antimony   | 121-1 | 1900     | 1759     | 1583     | 1747     | 9.08   | cps   |
| Arsenic    | 75-2  | 200      | 193      | 202      | 198      | 2.47   | cps   |
| Barium     | 135-1 | 59930    | 59094    | 59236    | 59420    | 0.75   | cps   |
| Barium     | 137-1 | 102410   | 101665   | 99388    | 101154   | 1.56   | cps   |
| Beryllium  | 9-1   | 72       | 44       | 39       | 52       | 34.44  | cps   |
| Bismuth    | 209-1 | 9201834  | 9330807  | 8932744  | 9155128  | 2.22   | cps   |
| Bismuth    | 209-2 | 6055303  | 6038973  | 6251239  | 6115171  | 1.93   | cps   |
| Boron      | 10-1  | 1667     | 1792     | 1892     | 1784     | 6.32   | cps   |
| Boron      | 11-1  | 9328     | 8653     | 9195     | 9059     | 3.95   | cps   |
| Cadmium    | 111-1 | 3074     | 3138     | 3130     | 3114     | 1.11   | cps   |
| Cadmium    | 106-1 | 4259     | 4318     | 4242     | 4273     | 0.92   | cps   |
| Cadmium    | 108-1 | 46       | 67       | 33       | 49       | 34.65  | cps   |
| Calcium    | 43-1  | 257693   | 257115   | 250921   | 255243   | 1.47   | cps   |
| Calcium    | 44-1  | 4227178  | 4241762  | 4154915  | 4207952  | 1.11   | cps   |
| Chromium   | 52-2  | 1913     | 1867     | 1977     | 1919     | 2.88   | cps   |
| Cobalt     | 59-2  | 243      | 353      | 307      | 301      | 18.34  | cps   |
| Copper     | 63-2  | 670715   | 671011   | 668360   | 670028   | 0.22   | cps   |
| Dysprosium | 156-1 | 58       | 50       | 108      | 72       | 43.68  | cps   |
| Dysprosium | 156-2 | 43       | 23       | 107      | 58       | 75.31  | cps   |
| Erbium     | 164-1 | 92       | 133      | 100      | 108      | 20.35  | cps   |
| Erbium     | 164-2 | 63       | 53       | 70       | 62       | 13.48  | cps   |
| Gadolinium | 160-1 | 225      | 233      | 233      | 231      | 2.09   | cps   |
| Gadolinium | 160-2 | 193      | 150      | 143      | 162      | 16.74  | cps   |
| Holmium    | 165-1 | 14456817 | 14476888 | 14065676 | 14333127 | 1.62   | cps   |
| Holmium    | 165-2 | 7998498  | 7955185  | 8077493  | 8010392  | 0.77   | cps   |
| Indium     | 115-1 | 11718416 | 11603340 | 11291463 | 11537740 | 1.91   | cps   |
| Indium     | 115-2 | 2570915  | 2529089  | 2619744  | 2573250  | 1.76   | cps   |
| Iron       | 56-2  | 155516   | 153923   | 149620   | 153020   | 1.99   | cps   |
| Iron       | 57-2  | 4423     | 4801     | 4740     | 4655     | 4.36   | cps   |
| Lead       | 206-1 | 39325    | 37281    | 38568    | 38391    | 2.69   | cps   |
| Lead       | 207-1 | 33353    | 31894    | 32702    | 32650    | 2.24   | cps   |
| Lead       | 208-1 | 152652   | 148294   | 147074   | 149340   | 1.96   | cps   |
| Lithium    | 6-1   | 2032019  | 2004009  | 1949127  | 1995052  | 2.11   | cps   |
| Magnesium  | 24-2  | 437983   | 441078   | 429753   | 436271   | 1.34   | cps   |
| Manganese  | 55-2  | 50092    | 48978    | 48410    | 49160    | 1.74   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-15 Instrumnet Name : P7  
 Client Sample ID : DC24728-15-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:24:10 DataFile Name : 130SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 742      | 783      | 711      | 12.86  | cps   |
| Molybdenum | 95-1  | 317      | 333      | 283      | 311      | 8.18   | cps   |
| Molybdenum | 96-1  | 400      | 508      | 358      | 422      | 18.34  | cps   |
| Molybdenum | 97-1  | 217      | 275      | 242      | 244      | 11.97  | cps   |
| Molybdenum | 98-1  | 442      | 425      | 375      | 414      | 8.38   | cps   |
| Neodymium  | 150-1 | 120      | 113      | 133      | 122      | 8.33   | cps   |
| Neodymium  | 150-2 | 33       | 33       | 40       | 36       | 10.83  | cps   |
| Nickel     | 60-2  | 2934     | 3087     | 2917     | 2979     | 3.15   | cps   |
| Phosphorus | 31-2  | 6527     | 7010     | 6485     | 6674     | 4.37   | cps   |
| Potassium  | 39-2  | 242948   | 248002   | 241399   | 244116   | 1.41   | cps   |
| Rhodium    | 103-1 | 11039324 | 11132883 | 10836479 | 11002896 | 1.38   | cps   |
| Rhodium    | 103-2 | 5511384  | 5508932  | 5607698  | 5542672  | 1.02   | cps   |
| Scandium   | 45-1  | 7791678  | 7788922  | 7539248  | 7706616  | 1.88   | cps   |
| Scandium   | 45-2  | 404036   | 395933   | 415058   | 405009   | 2.37   | cps   |
| Selenium   | 77-2  | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 106      | 130      | 126      | 120      | 10.77  | cps   |
| Selenium   | 82-1  | 342      | 356      | 278      | 325      | 12.77  | cps   |
| Silicon    | 28-1  | 9185739  | 9166039  | 9118459  | 9156746  | 0.38   | cps   |
| Silver     | 109-1 | 392      | 433      | 342      | 389      | 11.80  | cps   |
| Silver     | 107-1 | 475      | 567      | 508      | 517      | 8.98   | cps   |
| Sodium     | 23-2  | 7454188  | 7368464  | 7366473  | 7396375  | 0.68   | cps   |
| Strontium  | 86-1  | 90074    | 88514    | 87927    | 88838    | 1.25   | cps   |
| Strontium  | 88-1  | 773543   | 779314   | 753578   | 768812   | 1.76   | cps   |
| Sulfur     | 34-1  | 862341   | 863376   | 859680   | 861799   | 0.22   | cps   |
| Terbium    | 159-1 | 14993163 | 14895573 | 14689807 | 14859514 | 1.04   | cps   |
| Terbium    | 159-2 | 7960138  | 7812087  | 8114418  | 7962214  | 1.90   | cps   |
| Thallium   | 203-1 | 292      | 283      | 317      | 297      | 5.84   | cps   |
| Thallium   | 205-1 | 708      | 642      | 692      | 681      | 5.10   | cps   |
| Tin        | 118-1 | 742      | 675      | 792      | 736      | 7.95   | cps   |
| Titanium   | 47-1  | 1417     | 1592     | 1250     | 1420     | 12.04  | cps   |
| Uranium    | 238-1 | 558      | 633      | 583      | 592      | 6.45   | cps   |
| Vanadium   | 51-2  | 307      | 287      | 317      | 303      | 5.04   | cps   |
| Yttrium    | 89-1  | 12326336 | 12308925 | 12042546 | 12225936 | 1.30   | cps   |
| Yttrium    | 89-2  | 2070042  | 2042073  | 2097661  | 2069925  | 1.34   | cps   |
| Zinc       | 66-2  | 224518   | 222755   | 224123   | 223799   | 0.41   | cps   |
| Zirconium  | 90-1  | 1717     | 1367     | 1483     | 1522     | 11.71  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-15-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:24:10  | DataFile Name :   | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 408  | 275  | 885  | 523     | 61.35  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-16 Instrumnet Name : P7  
 Client Sample ID : DC24728-16-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:27:35 DataFile Name : 131SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1150     | 1459     | 1584     | 1397     | 15.97  | cps   |
| Antimony   | 121-1 | 850      | 642      | 742      | 744      | 14.00  | cps   |
| Arsenic    | 75-2  | 178      | 209      | 219      | 202      | 10.58  | cps   |
| Barium     | 135-1 | 56792    | 56332    | 54140    | 55754    | 2.54   | cps   |
| Barium     | 137-1 | 96250    | 95528    | 93775    | 95184    | 1.34   | cps   |
| Beryllium  | 9-1   | 50       | 39       | 44       | 44       | 12.50  | cps   |
| Bismuth    | 209-1 | 9429932  | 9209698  | 9269253  | 9302961  | 1.22   | cps   |
| Bismuth    | 209-2 | 5881582  | 5797621  | 6046530  | 5908578  | 2.14   | cps   |
| Boron      | 10-1  | 1850     | 2000     | 1925     | 1925     | 3.90   | cps   |
| Boron      | 11-1  | 8895     | 8761     | 9320     | 8992     | 3.25   | cps   |
| Cadmium    | 111-1 | 3194     | 3080     | 3032     | 3102     | 2.68   | cps   |
| Cadmium    | 106-1 | 4526     | 4368     | 4284     | 4393     | 2.80   | cps   |
| Cadmium    | 108-1 | 29       | 33       | 13       | 25       | 44.09  | cps   |
| Calcium    | 43-1  | 251394   | 248020   | 244498   | 247971   | 1.39   | cps   |
| Calcium    | 44-1  | 4154403  | 4083723  | 4041738  | 4093288  | 1.39   | cps   |
| Chromium   | 52-2  | 1847     | 1810     | 1803     | 1820     | 1.28   | cps   |
| Cobalt     | 59-2  | 187      | 147      | 203      | 179      | 16.28  | cps   |
| Copper     | 63-2  | 573056   | 573445   | 574114   | 573538   | 0.09   | cps   |
| Dysprosium | 156-1 | 83       | 50       | 117      | 83       | 40.00  | cps   |
| Dysprosium | 156-2 | 20       | 53       | 47       | 40       | 44.09  | cps   |
| Erbium     | 164-1 | 133      | 125      | 125      | 128      | 3.76   | cps   |
| Erbium     | 164-2 | 57       | 33       | 30       | 40       | 36.33  | cps   |
| Gadolinium | 160-1 | 92       | 217      | 283      | 197      | 49.34  | cps   |
| Gadolinium | 160-2 | 177      | 197      | 193      | 189      | 5.67   | cps   |
| Holmium    | 165-1 | 14279966 | 14257040 | 14362465 | 14299824 | 0.39   | cps   |
| Holmium    | 165-2 | 7827280  | 7780326  | 8012523  | 7873376  | 1.56   | cps   |
| Indium     | 115-1 | 11676022 | 11486180 | 11764942 | 11642381 | 1.22   | cps   |
| Indium     | 115-2 | 2502927  | 2454384  | 2571654  | 2509655  | 2.35   | cps   |
| Iron       | 56-2  | 186943   | 171953   | 178657   | 179184   | 4.19   | cps   |
| Iron       | 57-2  | 4907     | 5001     | 5290     | 5066     | 3.94   | cps   |
| Lead       | 206-1 | 3856     | 3601     | 3295     | 3584     | 7.84   | cps   |
| Lead       | 207-1 | 3067     | 3178     | 2912     | 3052     | 4.39   | cps   |
| Lead       | 208-1 | 14504    | 14309    | 13820    | 14211    | 2.48   | cps   |
| Lithium    | 6-1   | 2007909  | 1985893  | 2022605  | 2005469  | 0.92   | cps   |
| Magnesium  | 24-2  | 425133   | 422383   | 423417   | 423644   | 0.33   | cps   |
| Manganese  | 55-2  | 25719    | 26899    | 25963    | 26194    | 2.38   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-16-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:27:35  | DataFile Name :   | 131SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 608      | 775      | 664      | 14.49  | cps   |
| Molybdenum | 95-1  | 283      | 325      | 233      | 281      | 16.36  | cps   |
| Molybdenum | 96-1  | 458      | 500      | 734      | 564      | 26.32  | cps   |
| Molybdenum | 97-1  | 225      | 258      | 283      | 256      | 11.45  | cps   |
| Molybdenum | 98-1  | 425      | 583      | 633      | 547      | 19.88  | cps   |
| Neodymium  | 150-1 | 47       | 33       | 53       | 44       | 22.92  | cps   |
| Neodymium  | 150-2 | 40       | 27       | 40       | 36       | 21.64  | cps   |
| Nickel     | 60-2  | 670      | 533      | 577      | 593      | 11.77  | cps   |
| Phosphorus | 31-2  | 6727     | 6702     | 7210     | 6880     | 4.17   | cps   |
| Potassium  | 39-2  | 243134   | 242337   | 244512   | 243328   | 0.45   | cps   |
| Rhodium    | 103-1 | 11022893 | 10898213 | 11056286 | 10992464 | 0.76   | cps   |
| Rhodium    | 103-2 | 5437195  | 5317732  | 5526470  | 5427132  | 1.93   | cps   |
| Scandium   | 45-1  | 7814658  | 7578333  | 7686790  | 7693260  | 1.54   | cps   |
| Scandium   | 45-2  | 394803   | 389545   | 406753   | 397034   | 2.22   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 117      | 133      | 102      | 117      | 13.43  | cps   |
| Selenium   | 82-1  | 208      | 175      | 199      | 194      | 8.76   | cps   |
| Silicon    | 28-1  | 8998516  | 8879059  | 8788153  | 8888576  | 1.19   | cps   |
| Silver     | 109-1 | 317      | 350      | 300      | 322      | 7.90   | cps   |
| Silver     | 107-1 | 258      | 400      | 317      | 325      | 21.91  | cps   |
| Sodium     | 23-2  | 7239534  | 7246547  | 7313760  | 7266613  | 0.56   | cps   |
| Strontium  | 86-1  | 88128    | 87391    | 86393    | 87304    | 1.00   | cps   |
| Strontium  | 88-1  | 759394   | 745266   | 741191   | 748617   | 1.28   | cps   |
| Sulfur     | 34-1  | 868437   | 861058   | 865460   | 864985   | 0.43   | cps   |
| Terbium    | 159-1 | 15025042 | 14597646 | 14990228 | 14870972 | 1.60   | cps   |
| Terbium    | 159-2 | 7732367  | 7700425  | 7930393  | 7787728  | 1.60   | cps   |
| Thallium   | 203-1 | 300      | 325      | 258      | 294      | 11.44  | cps   |
| Thallium   | 205-1 | 725      | 650      | 667      | 681      | 5.79   | cps   |
| Tin        | 118-1 | 667      | 658      | 817      | 714      | 12.48  | cps   |
| Titanium   | 47-1  | 2119     | 1258     | 1417     | 1598     | 28.65  | cps   |
| Uranium    | 238-1 | 517      | 525      | 583      | 542      | 6.71   | cps   |
| Vanadium   | 51-2  | 290      | 297      | 267      | 284      | 5.54   | cps   |
| Yttrium    | 89-1  | 12324730 | 12036691 | 12302570 | 12221331 | 1.31   | cps   |
| Yttrium    | 89-2  | 2021865  | 1985394  | 2062255  | 2023171  | 1.90   | cps   |
| Zinc       | 66-2  | 11578    | 11642    | 11171    | 11464    | 2.23   | cps   |
| Zirconium  | 90-1  | 1433     | 1292     | 1450     | 1392     | 6.25   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-16-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:27:35  | DataFile Name :   | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 333  | 250  | 264     | 24.12  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-17 Instrumnet Name : P7  
 Client Sample ID : DC24728-17-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:31:01 DataFile Name : 132SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2034     | 2025     | 2000     | 2020     | 0.86   | cps   |
| Antimony   | 121-1 | 1033     | 842      | 1125     | 1000     | 14.46  | cps   |
| Arsenic    | 75-2  | 194      | 170      | 209      | 191      | 10.26  | cps   |
| Barium     | 135-1 | 58189    | 57922    | 56775    | 57629    | 1.30   | cps   |
| Barium     | 137-1 | 101628   | 101597   | 100386   | 101204   | 0.70   | cps   |
| Beryllium  | 9-1   | 17       | 67       | 33       | 39       | 65.47  | cps   |
| Bismuth    | 209-1 | 9093660  | 9255940  | 9112996  | 9154199  | 0.97   | cps   |
| Bismuth    | 209-2 | 5896176  | 5603692  | 5855796  | 5785221  | 2.74   | cps   |
| Boron      | 10-1  | 2042     | 1800     | 1834     | 1892     | 6.92   | cps   |
| Boron      | 11-1  | 9003     | 8828     | 8778     | 8870     | 1.33   | cps   |
| Cadmium    | 111-1 | 2907     | 2899     | 2817     | 2874     | 1.73   | cps   |
| Cadmium    | 106-1 | 4059     | 4059     | 3934     | 4017     | 1.80   | cps   |
| Cadmium    | 108-1 | 38       | 25       | 29       | 31       | 20.83  | cps   |
| Calcium    | 43-1  | 251436   | 251859   | 251809   | 251701   | 0.09   | cps   |
| Calcium    | 44-1  | 4194332  | 4124381  | 4137903  | 4152205  | 0.89   | cps   |
| Chromium   | 52-2  | 1957     | 2037     | 1823     | 1939     | 5.56   | cps   |
| Cobalt     | 59-2  | 183      | 210      | 220      | 204      | 9.27   | cps   |
| Copper     | 63-2  | 924558   | 935963   | 939549   | 933357   | 0.84   | cps   |
| Dysprosium | 156-1 | 67       | 100      | 67       | 78       | 24.74  | cps   |
| Dysprosium | 156-2 | 53       | 40       | 53       | 49       | 15.74  | cps   |
| Erbium     | 164-1 | 150      | 175      | 167      | 164      | 7.77   | cps   |
| Erbium     | 164-2 | 43       | 63       | 57       | 54       | 18.71  | cps   |
| Gadolinium | 160-1 | 192      | 225      | 217      | 211      | 8.22   | cps   |
| Gadolinium | 160-2 | 190      | 203      | 107      | 167      | 31.43  | cps   |
| Holmium    | 165-1 | 14297346 | 14111245 | 14030125 | 14146239 | 0.97   | cps   |
| Holmium    | 165-2 | 7819417  | 7590069  | 7851941  | 7753809  | 1.84   | cps   |
| Indium     | 115-1 | 11564766 | 11607122 | 11618034 | 11596641 | 0.24   | cps   |
| Indium     | 115-2 | 2536453  | 2450143  | 2525952  | 2504183  | 1.88   | cps   |
| Iron       | 56-2  | 128420   | 136518   | 137361   | 134100   | 3.68   | cps   |
| Iron       | 57-2  | 3851     | 4045     | 3934     | 3943     | 2.47   | cps   |
| Lead       | 206-1 | 13368    | 13346    | 13502    | 13405    | 0.63   | cps   |
| Lead       | 207-1 | 11216    | 11211    | 11188    | 11205    | 0.13   | cps   |
| Lead       | 208-1 | 51456    | 51780    | 52236    | 51824    | 0.76   | cps   |
| Lithium    | 6-1   | 1998376  | 2002728  | 1993679  | 1998261  | 0.23   | cps   |
| Magnesium  | 24-2  | 429901   | 429979   | 431710   | 430530   | 0.24   | cps   |
| Manganese  | 55-2  | 33353    | 31604    | 35451    | 33469    | 5.76   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-17 Instrumnet Name : P7  
 Client Sample ID : DC24728-17-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:31:01 DataFile Name : 132SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 608      | 1454     | 915      | 51.15  | cps   |
| Molybdenum | 95-1  | 292      | 233      | 342      | 289      | 18.77  | cps   |
| Molybdenum | 96-1  | 375      | 508      | 433      | 439      | 15.23  | cps   |
| Molybdenum | 97-1  | 225      | 275      | 308      | 269      | 15.57  | cps   |
| Molybdenum | 98-1  | 433      | 475      | 433      | 447      | 5.38   | cps   |
| Neodymium  | 150-1 | 53       | 47       | 80       | 60       | 29.39  | cps   |
| Neodymium  | 150-2 | 20       | 7        | 27       | 18       | 57.27  | cps   |
| Nickel     | 60-2  | 2504     | 2664     | 2704     | 2624     | 4.03   | cps   |
| Phosphorus | 31-2  | 6443     | 6602     | 6468     | 6504     | 1.31   | cps   |
| Potassium  | 39-2  | 244464   | 243780   | 244964   | 244403   | 0.24   | cps   |
| Rhodium    | 103-1 | 10845454 | 10911527 | 10899863 | 10885615 | 0.32   | cps   |
| Rhodium    | 103-2 | 5444255  | 5247597  | 5456621  | 5382824  | 2.18   | cps   |
| Scandium   | 45-1  | 7590899  | 7786136  | 7611238  | 7662758  | 1.40   | cps   |
| Scandium   | 45-2  | 401706   | 381974   | 390111   | 391264   | 2.53   | cps   |
| Selenium   | 77-2  | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 111      | 128      | 146      | 128      | 13.71  | cps   |
| Selenium   | 82-1  | 299      | 186      | 138      | 208      | 39.63  | cps   |
| Silicon    | 28-1  | 9141415  | 8916029  | 9000892  | 9019445  | 1.26   | cps   |
| Silver     | 109-1 | 483      | 508      | 575      | 522      | 9.07   | cps   |
| Silver     | 107-1 | 733      | 433      | 550      | 572      | 26.43  | cps   |
| Sodium     | 23-2  | 7381727  | 7310034  | 7356512  | 7349424  | 0.49   | cps   |
| Strontium  | 86-1  | 88052    | 86460    | 87097    | 87203    | 0.92   | cps   |
| Strontium  | 88-1  | 767204   | 754312   | 758449   | 759988   | 0.87   | cps   |
| Sulfur     | 34-1  | 862683   | 863461   | 864991   | 863712   | 0.14   | cps   |
| Terbium    | 159-1 | 14893728 | 14772493 | 14703588 | 14789936 | 0.65   | cps   |
| Terbium    | 159-2 | 7899632  | 7553939  | 7746442  | 7733338  | 2.24   | cps   |
| Thallium   | 203-1 | 267      | 267      | 225      | 253      | 9.51   | cps   |
| Thallium   | 205-1 | 592      | 550      | 625      | 589      | 6.38   | cps   |
| Tin        | 118-1 | 675      | 608      | 675      | 653      | 5.90   | cps   |
| Titanium   | 47-1  | 1275     | 1292     | 1392     | 1320     | 4.78   | cps   |
| Uranium    | 238-1 | 642      | 475      | 383      | 500      | 26.19  | cps   |
| Vanadium   | 51-2  | 270      | 267      | 297      | 278      | 5.92   | cps   |
| Yttrium    | 89-1  | 12160916 | 12106750 | 12094232 | 12120633 | 0.29   | cps   |
| Yttrium    | 89-2  | 2023877  | 1950366  | 2023548  | 1999264  | 2.12   | cps   |
| Zinc       | 66-2  | 117981   | 119289   | 117848   | 118372   | 0.67   | cps   |
| Zirconium  | 90-1  | 1425     | 1425     | 1417     | 1422     | 0.34   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-17-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:31:01  | DataFile Name :   | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 267  | 292  | 272     | 6.37   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-18 Instrumnet Name : P7  
 Client Sample ID : DC24728-18-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:34:27 DataFile Name : 133SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2725     | 3159     | 3009     | 2965     | 7.43   | cps   |
| Antimony   | 121-1 | 825      | 683      | 725      | 745      | 9.78   | cps   |
| Arsenic    | 75-2  | 191      | 194      | 200      | 195      | 2.39   | cps   |
| Barium     | 135-1 | 55947    | 55386    | 54976    | 55436    | 0.88   | cps   |
| Barium     | 137-1 | 97500    | 96677    | 96493    | 96890    | 0.55   | cps   |
| Beryllium  | 9-1   | 0        | 50       | 39       | 30       | 88.61  | cps   |
| Bismuth    | 209-1 | 9243245  | 9154099  | 9242698  | 9213347  | 0.56   | cps   |
| Bismuth    | 209-2 | 5673560  | 5775558  | 5925972  | 5791697  | 2.19   | cps   |
| Boron      | 10-1  | 1692     | 1759     | 1734     | 1728     | 1.95   | cps   |
| Boron      | 11-1  | 8378     | 8845     | 8811     | 8678     | 3.00   | cps   |
| Cadmium    | 111-1 | 2806     | 2780     | 2908     | 2831     | 2.38   | cps   |
| Cadmium    | 106-1 | 3984     | 3967     | 4151     | 4034     | 2.51   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 21       | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 250118   | 248445   | 250090   | 249551   | 0.38   | cps   |
| Calcium    | 44-1  | 4133589  | 4094187  | 4106033  | 4111269  | 0.49   | cps   |
| Chromium   | 52-2  | 2024     | 2014     | 1920     | 1986     | 2.87   | cps   |
| Cobalt     | 59-2  | 150      | 180      | 207      | 179      | 15.85  | cps   |
| Copper     | 63-2  | 377377   | 376597   | 376161   | 376712   | 0.16   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 67       | 67       | 0.00   | cps   |
| Dysprosium | 156-2 | 47       | 37       | 33       | 39       | 17.85  | cps   |
| Erbium     | 164-1 | 125      | 25       | 83       | 78       | 64.58  | cps   |
| Erbium     | 164-2 | 53       | 57       | 53       | 54       | 3.54   | cps   |
| Gadolinium | 160-1 | 233      | 267      | 208      | 236      | 12.40  | cps   |
| Gadolinium | 160-2 | 190      | 167      | 183      | 180      | 6.68   | cps   |
| Holmium    | 165-1 | 14307723 | 14229001 | 14209831 | 14248852 | 0.36   | cps   |
| Holmium    | 165-2 | 7802348  | 7792277  | 7922603  | 7839076  | 0.93   | cps   |
| Indium     | 115-1 | 11668566 | 11529332 | 11662129 | 11620009 | 0.68   | cps   |
| Indium     | 115-2 | 2476334  | 2502260  | 2524716  | 2501104  | 0.97   | cps   |
| Iron       | 56-2  | 420831   | 458184   | 423268   | 434094   | 4.81   | cps   |
| Iron       | 57-2  | 11549    | 11277    | 11244    | 11357    | 1.48   | cps   |
| Lead       | 206-1 | 2578     | 2728     | 2389     | 2565     | 6.62   | cps   |
| Lead       | 207-1 | 2245     | 2289     | 2439     | 2324     | 4.38   | cps   |
| Lead       | 208-1 | 10441    | 10385    | 10341    | 10389    | 0.48   | cps   |
| Lithium    | 6-1   | 2018867  | 1993777  | 1990976  | 2001207  | 0.77   | cps   |
| Magnesium  | 24-2  | 421374   | 427481   | 425186   | 424680   | 0.73   | cps   |
| Manganese  | 55-2  | 29029    | 28588    | 30008    | 29208    | 2.49   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-18-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:34:27  | DataFile Name :   | 133SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 792      | 700      | 708      | 11.22  | cps   |
| Molybdenum | 95-1  | 392      | 308      | 267      | 322      | 19.75  | cps   |
| Molybdenum | 96-1  | 408      | 517      | 342      | 422      | 20.92  | cps   |
| Molybdenum | 97-1  | 267      | 250      | 267      | 261      | 3.69   | cps   |
| Molybdenum | 98-1  | 567      | 500      | 417      | 494      | 15.20  | cps   |
| Neodymium  | 150-1 | 73       | 60       | 67       | 67       | 10.00  | cps   |
| Neodymium  | 150-2 | 20       | 17       | 20       | 19       | 10.18  | cps   |
| Nickel     | 60-2  | 637      | 613      | 633      | 628      | 2.01   | cps   |
| Phosphorus | 31-2  | 7119     | 6777     | 7010     | 6969     | 2.51   | cps   |
| Potassium  | 39-2  | 243880   | 240647   | 241746   | 242091   | 0.68   | cps   |
| Rhodium    | 103-1 | 10983458 | 10891612 | 10843793 | 10906288 | 0.65   | cps   |
| Rhodium    | 103-2 | 5328711  | 5373801  | 5475061  | 5392524  | 1.39   | cps   |
| Scandium   | 45-1  | 7830510  | 7464016  | 7536332  | 7610286  | 2.55   | cps   |
| Scandium   | 45-2  | 392062   | 394968   | 400867   | 395965   | 1.13   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 133      | 150      | 109      | 131      | 15.65  | cps   |
| Selenium   | 82-1  | 336      | 310      | 224      | 290      | 20.26  | cps   |
| Silicon    | 28-1  | 8940849  | 8962648  | 8974200  | 8959233  | 0.19   | cps   |
| Silver     | 109-1 | 300      | 258      | 158      | 239      | 30.48  | cps   |
| Silver     | 107-1 | 283      | 275      | 275      | 278      | 1.73   | cps   |
| Sodium     | 23-2  | 7361855  | 7274433  | 7360508  | 7332265  | 0.68   | cps   |
| Strontium  | 86-1  | 87013    | 88161    | 85757    | 86977    | 1.38   | cps   |
| Strontium  | 88-1  | 746681   | 758700   | 749800   | 751727   | 0.83   | cps   |
| Sulfur     | 34-1  | 838760   | 837029   | 839444   | 838411   | 0.15   | cps   |
| Terbium    | 159-1 | 14897602 | 14771015 | 14677440 | 14782019 | 0.75   | cps   |
| Terbium    | 159-2 | 7708319  | 7753956  | 7908889  | 7790388  | 1.35   | cps   |
| Thallium   | 203-1 | 258      | 283      | 333      | 292      | 13.09  | cps   |
| Thallium   | 205-1 | 608      | 650      | 667      | 642      | 4.68   | cps   |
| Tin        | 118-1 | 733      | 733      | 675      | 714      | 4.72   | cps   |
| Titanium   | 47-1  | 1242     | 1308     | 1225     | 1258     | 3.50   | cps   |
| Uranium    | 238-1 | 625      | 458      | 642      | 575      | 17.63  | cps   |
| Vanadium   | 51-2  | 293      | 283      | 270      | 282      | 4.15   | cps   |
| Yttrium    | 89-1  | 12256845 | 12131275 | 12156099 | 12181406 | 0.55   | cps   |
| Yttrium    | 89-2  | 1981363  | 2005354  | 2036823  | 2007846  | 1.39   | cps   |
| Zinc       | 66-2  | 7282     | 7525     | 7649     | 7485     | 2.49   | cps   |
| Zirconium  | 90-1  | 1308     | 1342     | 1350     | 1333     | 1.65   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-18-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:34:27  | DataFile Name :   | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 308  | 292  | 319     | 10.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:37:53 | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 925      | 817      | 708      | 817      | 13.26  | cps   |
| Antimony   | 121-1 | 158      | 142      | 150      | 150      | 5.56   | cps   |
| Arsenic    | 75-2  | 15       | 11       | 19       | 15       | 25.01  | cps   |
| Barium     | 135-1 | 92       | 100      | 92       | 94       | 5.10   | cps   |
| Barium     | 137-1 | 125      | 142      | 133      | 133      | 6.25   | cps   |
| Beryllium  | 9-1   | 39       | 44       | 17       | 33       | 44.09  | cps   |
| Bismuth    | 209-1 | 8720608  | 8858465  | 9059270  | 8879448  | 1.92   | cps   |
| Bismuth    | 209-2 | 5668150  | 5640605  | 5674810  | 5661188  | 0.32   | cps   |
| Boron      | 10-1  | 450      | 375      | 300      | 375      | 20.00  | cps   |
| Boron      | 11-1  | 1675     | 1550     | 1658     | 1628     | 4.17   | cps   |
| Cadmium    | 111-1 | 2619     | 2544     | 2777     | 2647     | 4.49   | cps   |
| Cadmium    | 106-1 | 3751     | 3617     | 3976     | 3781     | 4.79   | cps   |
| Cadmium    | 108-1 | 33       | 13       | 21       | 22       | 47.18  | cps   |
| Calcium    | 43-1  | 333      | 317      | 267      | 306      | 11.36  | cps   |
| Calcium    | 44-1  | 22952    | 23745    | 22644    | 23114    | 2.46   | cps   |
| Chromium   | 52-2  | 1777     | 1933     | 1974     | 1895     | 5.49   | cps   |
| Cobalt     | 59-2  | 83       | 90       | 80       | 84       | 6.03   | cps   |
| Copper     | 63-2  | 1807     | 1897     | 1563     | 1756     | 9.82   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 17       | 58       | 33       | 36       | 58.07  | cps   |
| Erbium     | 164-2 | 17       | 20       | 17       | 18       | 10.81  | cps   |
| Gadolinium | 160-1 | 108      | 192      | 117      | 139      | 33.05  | cps   |
| Gadolinium | 160-2 | 137      | 133      | 153      | 141      | 7.59   | cps   |
| Holmium    | 165-1 | 13458138 | 13465238 | 13915712 | 13613029 | 1.93   | cps   |
| Holmium    | 165-2 | 7569659  | 7504573  | 7557599  | 7543944  | 0.46   | cps   |
| Indium     | 115-1 | 11002492 | 10961008 | 11200818 | 11054773 | 1.16   | cps   |
| Indium     | 115-2 | 2434979  | 2408613  | 2418315  | 2420636  | 0.55   | cps   |
| Iron       | 56-2  | 9109     | 8831     | 9137     | 9025     | 1.87   | cps   |
| Iron       | 57-2  | 361      | 400      | 389      | 383      | 5.22   | cps   |
| Lead       | 206-1 | 5365126  | 5325178  | 5341190  | 5343831  | 0.38   | cps   |
| Lead       | 207-1 | 4778752  | 4763452  | 4766803  | 4769669  | 0.17   | cps   |
| Lead       | 208-1 | 21785476 | 21773206 | 21828103 | 21795595 | 0.13   | cps   |
| Lithium    | 6-1   | 1891760  | 1897033  | 1890125  | 1892973  | 0.19   | cps   |
| Magnesium  | 24-2  | 350      | 400      | 433      | 394      | 10.63  | cps   |
| Manganese  | 55-2  | 110      | 77       | 83       | 90       | 19.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:37:53 | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 333      | 358      | 400      | 364      | 9.26   | cps   |
| Molybdenum | 95-1  | 125      | 108      | 150      | 128      | 16.41  | cps   |
| Molybdenum | 96-1  | 225      | 100      | 208      | 178      | 38.18  | cps   |
| Molybdenum | 97-1  | 158      | 175      | 167      | 167      | 5.00   | cps   |
| Molybdenum | 98-1  | 225      | 250      | 217      | 231      | 7.52   | cps   |
| Neodymium  | 150-1 | 0        | 27       | 7        | 11       | 124.89 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 97       | 97       | 87       | 93       | 6.19   | cps   |
| Phosphorus | 31-2  | 233      | 225      | 158      | 206      | 20.00  | cps   |
| Potassium  | 39-2  | 59252    | 60449    | 59997    | 59899    | 1.01   | cps   |
| Rhodium    | 103-1 | 10434822 | 10449848 | 10583370 | 10489347 | 0.78   | cps   |
| Rhodium    | 103-2 | 5235633  | 5227378  | 5272475  | 5245162  | 0.46   | cps   |
| Scandium   | 45-1  | 7202897  | 7322920  | 7441375  | 7322397  | 1.63   | cps   |
| Scandium   | 45-2  | 384168   | 375846   | 382685   | 380899   | 1.17   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 93       | 107      | 124      | 108      | 14.58  | cps   |
| Selenium   | 82-1  | 152      | 154      | 104      | 137      | 20.52  | cps   |
| Silicon    | 28-1  | 631880   | 631473   | 628422   | 630592   | 0.30   | cps   |
| Silver     | 109-1 | 158      | 117      | 83       | 119      | 31.46  | cps   |
| Silver     | 107-1 | 192      | 142      | 158      | 164      | 15.54  | cps   |
| Sodium     | 23-2  | 44693    | 44826    | 43748    | 44422    | 1.32   | cps   |
| Strontium  | 86-1  | 1800     | 1809     | 1884     | 1831     | 2.51   | cps   |
| Strontium  | 88-1  | 608      | 742      | 783      | 711      | 12.86  | cps   |
| Sulfur     | 34-1  | 735301   | 741805   | 731912   | 736339   | 0.68   | cps   |
| Terbium    | 159-1 | 14057022 | 14113603 | 14283368 | 14151331 | 0.83   | cps   |
| Terbium    | 159-2 | 7564049  | 7580161  | 7475960  | 7540057  | 0.74   | cps   |
| Thallium   | 203-1 | 250      | 208      | 242      | 233      | 9.45   | cps   |
| Thallium   | 205-1 | 475      | 492      | 700      | 556      | 22.57  | cps   |
| Tin        | 118-1 | 900      | 1058     | 1092     | 1017     | 10.07  | cps   |
| Titanium   | 47-1  | 242      | 208      | 225      | 225      | 7.41   | cps   |
| Uranium    | 238-1 | 342      | 383      | 250      | 325      | 20.99  | cps   |
| Vanadium   | 51-2  | 20       | 33       | 27       | 27       | 24.99  | cps   |
| Yttrium    | 89-1  | 11469632 | 11567792 | 11664231 | 11567219 | 0.84   | cps   |
| Yttrium    | 89-2  | 1939977  | 1935469  | 1943848  | 1939764  | 0.22   | cps   |
| Zinc       | 66-2  | 280      | 397      | 303      | 327      | 18.90  | cps   |
| Zirconium  | 90-1  | 567      | 650      | 608      | 608      | 6.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:37:53 | DataFile Name :   | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 108  | 150  | 139     | 19.29  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:41:19 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 117      | 158      | 133      | 136      | 15.41  | cps   |
| Antimony   | 121-1 | 92       | 100      | 92       | 94       | 5.09   | cps   |
| Arsenic    | 75-2  | 11       | 13       | 7        | 10       | 26.93  | cps   |
| Barium     | 135-1 | 33       | 92       | 92       | 72       | 46.64  | cps   |
| Barium     | 137-1 | 92       | 100      | 167      | 119      | 34.42  | cps   |
| Beryllium  | 9-1   | 33       | 22       | 17       | 24       | 35.24  | cps   |
| Bismuth    | 209-1 | 8766226  | 8854954  | 8766380  | 8795853  | 0.58   | cps   |
| Bismuth    | 209-2 | 5737186  | 5696825  | 5680619  | 5704877  | 0.51   | cps   |
| Boron      | 10-1  | 358      | 175      | 250      | 261      | 35.30  | cps   |
| Boron      | 11-1  | 1067     | 1158     | 933      | 1053     | 10.75  | cps   |
| Cadmium    | 111-1 | 2554     | 2753     | 2896     | 2735     | 6.29   | cps   |
| Cadmium    | 106-1 | 3659     | 3926     | 4151     | 3912     | 6.29   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 25       | 15       | 68.61  | cps   |
| Calcium    | 43-1  | 292      | 242      | 333      | 289      | 15.89  | cps   |
| Calcium    | 44-1  | 22802    | 21900    | 22059    | 22254    | 2.16   | cps   |
| Chromium   | 52-2  | 1823     | 1663     | 1990     | 1826     | 8.95   | cps   |
| Cobalt     | 59-2  | 57       | 43       | 57       | 52       | 14.75  | cps   |
| Copper     | 63-2  | 1617     | 1460     | 1583     | 1553     | 5.31   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 58       | 58       | 75       | 64       | 15.05  | cps   |
| Erbium     | 164-2 | 30       | 20       | 23       | 24       | 20.83  | cps   |
| Gadolinium | 160-1 | 158      | 117      | 133      | 136      | 15.41  | cps   |
| Gadolinium | 160-2 | 103      | 123      | 150      | 126      | 18.64  | cps   |
| Holmium    | 165-1 | 13456824 | 13632873 | 13648938 | 13579545 | 0.78   | cps   |
| Holmium    | 165-2 | 7530663  | 7524146  | 7589241  | 7548017  | 0.47   | cps   |
| Indium     | 115-1 | 10928677 | 11045545 | 10946435 | 10973552 | 0.57   | cps   |
| Indium     | 115-2 | 2437925  | 2422047  | 2417277  | 2425750  | 0.45   | cps   |
| Iron       | 56-2  | 7435     | 7347     | 7180     | 7321     | 1.77   | cps   |
| Iron       | 57-2  | 344      | 389      | 389      | 374      | 6.86   | cps   |
| Lead       | 206-1 | 1083     | 1145     | 972      | 1067     | 8.19   | cps   |
| Lead       | 207-1 | 911      | 956      | 800      | 889      | 9.01   | cps   |
| Lead       | 208-1 | 4450     | 4306     | 4017     | 4258     | 5.18   | cps   |
| Lithium    | 6-1   | 1893046  | 1902607  | 1878657  | 1891437  | 0.64   | cps   |
| Magnesium  | 24-2  | 292      | 300      | 367      | 319      | 12.87  | cps   |
| Manganese  | 55-2  | 33       | 63       | 80       | 59       | 40.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:41:19 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 200      | 217      | 200      | 206      | 4.68   | cps   |
| Molybdenum | 95-1  | 25       | 25       | 25       | 25       | 0.00   | cps   |
| Molybdenum | 96-1  | 108      | 100      | 100      | 103      | 4.68   | cps   |
| Molybdenum | 97-1  | 75       | 117      | 100      | 97       | 21.57  | cps   |
| Molybdenum | 98-1  | 50       | 75       | 83       | 69       | 24.98  | cps   |
| Neodymium  | 150-1 | 13       | 20       | 7        | 13       | 49.99  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 77       | 93       | 90       | 87       | 10.18  | cps   |
| Phosphorus | 31-2  | 233      | 300      | 225      | 253      | 16.26  | cps   |
| Potassium  | 39-2  | 60105    | 59788    | 60122    | 60005    | 0.31   | cps   |
| Rhodium    | 103-1 | 10482650 | 10451743 | 10345960 | 10426784 | 0.69   | cps   |
| Rhodium    | 103-2 | 5243854  | 5227168  | 5219000  | 5230008  | 0.24   | cps   |
| Scandium   | 45-1  | 7222195  | 7243412  | 7350817  | 7272141  | 0.95   | cps   |
| Scandium   | 45-2  | 384836   | 381741   | 380671   | 382416   | 0.57   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 111      | 117      | 107      | 112      | 4.17   | cps   |
| Selenium   | 82-1  | 193      | 209      | 113      | 172      | 29.90  | cps   |
| Silicon    | 28-1  | 626517   | 627002   | 628018   | 627179   | 0.12   | cps   |
| Silver     | 109-1 | 100      | 125      | 108      | 111      | 11.46  | cps   |
| Silver     | 107-1 | 133      | 158      | 125      | 139      | 12.49  | cps   |
| Sodium     | 23-2  | 43464    | 43189    | 44910    | 43854    | 2.11   | cps   |
| Strontium  | 86-1  | 1967     | 1508     | 1633     | 1703     | 13.92  | cps   |
| Strontium  | 88-1  | 375      | 500      | 575      | 483      | 20.90  | cps   |
| Sulfur     | 34-1  | 719762   | 715071   | 731639   | 722157   | 1.18   | cps   |
| Terbium    | 159-1 | 13955989 | 14229075 | 14115739 | 14100268 | 0.97   | cps   |
| Terbium    | 159-2 | 7617193  | 7490367  | 7416302  | 7507954  | 1.35   | cps   |
| Thallium   | 203-1 | 108      | 142      | 158      | 136      | 18.70  | cps   |
| Thallium   | 205-1 | 300      | 308      | 217      | 275      | 18.43  | cps   |
| Tin        | 118-1 | 892      | 1058     | 1258     | 1070     | 17.17  | cps   |
| Titanium   | 47-1  | 233      | 358      | 275      | 289      | 22.03  | cps   |
| Uranium    | 238-1 | 67       | 50       | 33       | 50       | 33.34  | cps   |
| Vanadium   | 51-2  | 7        | 20       | 13       | 13       | 49.99  | cps   |
| Yttrium    | 89-1  | 11502926 | 11492504 | 11626265 | 11540565 | 0.64   | cps   |
| Yttrium    | 89-2  | 1947725  | 1936983  | 1940421  | 1941710  | 0.28   | cps   |
| Zinc       | 66-2  | 330      | 313      | 293      | 312      | 5.88   | cps   |
| Zirconium  | 90-1  | 517      | 725      | 742      | 661      | 18.96  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:41:19 | DataFile Name :   | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 108  | 158  | 125     | 23.09  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-19 Instrumnet Name : P7  
 Client Sample ID : DC24728-19-FL1-NR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:44:46 DataFile Name : 136SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2942     | 3234     | 3326     | 3168     | 6.33   | cps   |
| Antimony   | 121-1 | 1525     | 1367     | 1600     | 1497     | 7.96   | cps   |
| Arsenic    | 75-2  | 198      | 187      | 178      | 188      | 5.43   | cps   |
| Barium     | 135-1 | 59168    | 59102    | 57896    | 58722    | 1.22   | cps   |
| Barium     | 137-1 | 103147   | 100605   | 102964   | 102239   | 1.39   | cps   |
| Beryllium  | 9-1   | 44       | 22       | 56       | 41       | 41.67  | cps   |
| Bismuth    | 209-1 | 9396794  | 9444209  | 9368055  | 9403019  | 0.41   | cps   |
| Bismuth    | 209-2 | 5895376  | 5778193  | 5945902  | 5873157  | 1.46   | cps   |
| Boron      | 10-1  | 1642     | 1692     | 1850     | 1728     | 6.29   | cps   |
| Boron      | 11-1  | 8636     | 8536     | 8761     | 8644     | 1.30   | cps   |
| Cadmium    | 111-1 | 3134     | 2981     | 3376     | 3164     | 6.30   | cps   |
| Cadmium    | 106-1 | 4026     | 3934     | 4409     | 4123     | 6.11   | cps   |
| Cadmium    | 108-1 | 67       | 50       | 92       | 69       | 30.20  | cps   |
| Calcium    | 43-1  | 249698   | 247851   | 247625   | 248391   | 0.46   | cps   |
| Calcium    | 44-1  | 4130218  | 4085485  | 4073000  | 4096235  | 0.73   | cps   |
| Chromium   | 52-2  | 1930     | 2010     | 1937     | 1959     | 2.27   | cps   |
| Cobalt     | 59-2  | 713      | 767      | 693      | 724      | 5.23   | cps   |
| Copper     | 63-2  | 1333586  | 1333736  | 1335567  | 1334296  | 0.08   | cps   |
| Dysprosium | 156-1 | 75       | 125      | 92       | 97       | 26.19  | cps   |
| Dysprosium | 156-2 | 37       | 27       | 33       | 32       | 15.80  | cps   |
| Erbium     | 164-1 | 100      | 150      | 117      | 122      | 20.83  | cps   |
| Erbium     | 164-2 | 53       | 33       | 60       | 49       | 28.39  | cps   |
| Gadolinium | 160-1 | 200      | 200      | 192      | 197      | 2.44   | cps   |
| Gadolinium | 160-2 | 160      | 183      | 180      | 174      | 7.24   | cps   |
| Holmium    | 165-1 | 14531338 | 14423177 | 14453398 | 14469304 | 0.39   | cps   |
| Holmium    | 165-2 | 7918852  | 7666041  | 7895056  | 7826650  | 1.78   | cps   |
| Indium     | 115-1 | 11795319 | 11612619 | 11614971 | 11674303 | 0.90   | cps   |
| Indium     | 115-2 | 2526959  | 2513865  | 2506303  | 2515709  | 0.42   | cps   |
| Iron       | 56-2  | 108680   | 94509    | 90978    | 98055    | 9.55   | cps   |
| Iron       | 57-2  | 3234     | 3534     | 3050     | 3273     | 7.46   | cps   |
| Lead       | 206-1 | 60515    | 60861    | 59316    | 60231    | 1.35   | cps   |
| Lead       | 207-1 | 50831    | 51947    | 50279    | 51019    | 1.67   | cps   |
| Lead       | 208-1 | 234383   | 236983   | 233298   | 234888   | 0.81   | cps   |
| Lithium    | 6-1   | 2036243  | 2021169  | 1988296  | 2015236  | 1.22   | cps   |
| Magnesium  | 24-2  | 432663   | 428400   | 431001   | 430688   | 0.50   | cps   |
| Manganese  | 55-2  | 41479    | 40736    | 41629    | 41281    | 1.16   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-19-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:44:46  | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 692      | 717      | 650      | 686      | 4.91   | cps   |
| Molybdenum | 95-1  | 350      | 367      | 225      | 314      | 24.67  | cps   |
| Molybdenum | 96-1  | 508      | 417      | 500      | 475      | 10.67  | cps   |
| Molybdenum | 97-1  | 250      | 308      | 367      | 308      | 18.92  | cps   |
| Molybdenum | 98-1  | 558      | 458      | 525      | 514      | 9.91   | cps   |
| Neodymium  | 150-1 | 87       | 60       | 60       | 69       | 22.35  | cps   |
| Neodymium  | 150-2 | 20       | 23       | 10       | 18       | 39.03  | cps   |
| Nickel     | 60-2  | 13553    | 13717    | 13780    | 13683    | 0.86   | cps   |
| Phosphorus | 31-2  | 6710     | 5901     | 6076     | 6229     | 6.83   | cps   |
| Potassium  | 39-2  | 241238   | 241695   | 242025   | 241653   | 0.16   | cps   |
| Rhodium    | 103-1 | 11120577 | 11026499 | 10966935 | 11038004 | 0.70   | cps   |
| Rhodium    | 103-2 | 5445638  | 5386383  | 5389232  | 5407085  | 0.62   | cps   |
| Scandium   | 45-1  | 7843787  | 7693015  | 7594657  | 7710486  | 1.63   | cps   |
| Scandium   | 45-2  | 393052   | 397906   | 396804   | 395920   | 0.64   | cps   |
| Selenium   | 77-2  | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 106      | 113      | 120      | 113      | 6.56   | cps   |
| Selenium   | 82-1  | 188      | 285      | 313      | 262      | 25.04  | cps   |
| Silicon    | 28-1  | 9242329  | 9045677  | 9075975  | 9121327  | 1.16   | cps   |
| Silver     | 109-1 | 433      | 425      | 375      | 411      | 7.67   | cps   |
| Silver     | 107-1 | 433      | 458      | 450      | 447      | 2.85   | cps   |
| Sodium     | 23-2  | 7361254  | 7314601  | 7321620  | 7332492  | 0.34   | cps   |
| Strontium  | 86-1  | 86477    | 86551    | 87516    | 86848    | 0.67   | cps   |
| Strontium  | 88-1  | 755431   | 752354   | 751836   | 753207   | 0.26   | cps   |
| Sulfur     | 34-1  | 807338   | 806503   | 805259   | 806367   | 0.13   | cps   |
| Terbium    | 159-1 | 15101901 | 14990896 | 14856539 | 14983112 | 0.82   | cps   |
| Terbium    | 159-2 | 7879987  | 7727336  | 7826362  | 7811228  | 0.99   | cps   |
| Thallium   | 203-1 | 225      | 242      | 275      | 247      | 10.30  | cps   |
| Thallium   | 205-1 | 667      | 508      | 692      | 622      | 15.98  | cps   |
| Tin        | 118-1 | 992      | 1017     | 933      | 981      | 4.36   | cps   |
| Titanium   | 47-1  | 1802     | 1033     | 1092     | 1309     | 32.70  | cps   |
| Uranium    | 238-1 | 308      | 392      | 342      | 347      | 12.08  | cps   |
| Vanadium   | 51-2  | 213      | 257      | 203      | 224      | 12.63  | cps   |
| Yttrium    | 89-1  | 12342199 | 12297186 | 12023405 | 12220930 | 1.41   | cps   |
| Yttrium    | 89-2  | 2030770  | 2003084  | 2013457  | 2015770  | 0.69   | cps   |
| Zinc       | 66-2  | 569157   | 572841   | 569721   | 570573   | 0.35   | cps   |
| Zirconium  | 90-1  | 1492     | 1275     | 1283     | 1350     | 9.09   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-19-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:44:46  | DataFile Name :   | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 292  | 317  | 292     | 8.57   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-20-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:48:12  | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1750     | 1600     | 1792     | 1714     | 5.88   | cps   |
| Antimony   | 121-1 | 792      | 608      | 783      | 728      | 14.23  | cps   |
| Arsenic    | 75-2  | 193      | 211      | 228      | 211      | 8.36   | cps   |
| Barium     | 135-1 | 55947    | 54984    | 55177    | 55369    | 0.92   | cps   |
| Barium     | 137-1 | 97600    | 95913    | 96593    | 96702    | 0.88   | cps   |
| Beryllium  | 9-1   | 61       | 50       | 22       | 44       | 45.07  | cps   |
| Bismuth    | 209-1 | 9149734  | 9117264  | 9803208  | 9356735  | 4.14   | cps   |
| Bismuth    | 209-2 | 5628214  | 5660235  | 5921214  | 5736554  | 2.80   | cps   |
| Boron      | 10-1  | 1550     | 1900     | 1892     | 1781     | 11.22  | cps   |
| Boron      | 11-1  | 8111     | 8711     | 8886     | 8569     | 4.75   | cps   |
| Cadmium    | 111-1 | 2868     | 2653     | 3169     | 2897     | 8.95   | cps   |
| Cadmium    | 106-1 | 4042     | 3717     | 4459     | 4073     | 9.13   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 21       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 247542   | 248435   | 243625   | 246534   | 1.04   | cps   |
| Calcium    | 44-1  | 4098689  | 4070899  | 4059938  | 4076509  | 0.49   | cps   |
| Chromium   | 52-2  | 1743     | 1810     | 1763     | 1772     | 1.93   | cps   |
| Cobalt     | 59-2  | 207      | 203      | 193      | 201      | 3.45   | cps   |
| Copper     | 63-2  | 1015641  | 1044802  | 1033778  | 1031407  | 1.43   | cps   |
| Dysprosium | 156-1 | 42       | 125      | 8        | 58       | 103.02 | cps   |
| Dysprosium | 156-2 | 43       | 43       | 37       | 41       | 9.35   | cps   |
| Erbium     | 164-1 | 75       | 108      | 133      | 106      | 27.73  | cps   |
| Erbium     | 164-2 | 53       | 60       | 53       | 56       | 6.93   | cps   |
| Gadolinium | 160-1 | 225      | 217      | 175      | 206      | 13.03  | cps   |
| Gadolinium | 160-2 | 173      | 170      | 160      | 168      | 4.14   | cps   |
| Holmium    | 165-1 | 14360315 | 14344956 | 14841500 | 14515590 | 1.95   | cps   |
| Holmium    | 165-2 | 7577672  | 7650713  | 7790164  | 7672850  | 1.41   | cps   |
| Indium     | 115-1 | 11588639 | 11633992 | 12019464 | 11747365 | 2.02   | cps   |
| Indium     | 115-2 | 2341500  | 2475326  | 2514954  | 2443927  | 3.72   | cps   |
| Iron       | 56-2  | 271373   | 241999   | 241477   | 251616   | 6.80   | cps   |
| Iron       | 57-2  | 6768     | 6641     | 7135     | 6848     | 3.75   | cps   |
| Lead       | 206-1 | 8364     | 8670     | 8709     | 8581     | 2.20   | cps   |
| Lead       | 207-1 | 7430     | 7808     | 7964     | 7734     | 3.55   | cps   |
| Lead       | 208-1 | 33818    | 34902    | 35008    | 34576    | 1.90   | cps   |
| Lithium    | 6-1   | 2017088  | 1994044  | 2065773  | 2025635  | 1.81   | cps   |
| Magnesium  | 24-2  | 415248   | 421214   | 418678   | 418380   | 0.72   | cps   |
| Manganese  | 55-2  | 37150    | 37987    | 37926    | 37688    | 1.24   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-20-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:48:12  | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 642      | 625      | 678      | 11.42  | cps   |
| Molybdenum | 95-1  | 275      | 308      | 292      | 292      | 5.72   | cps   |
| Molybdenum | 96-1  | 325      | 442      | 375      | 381      | 15.38  | cps   |
| Molybdenum | 97-1  | 150      | 292      | 233      | 225      | 31.64  | cps   |
| Molybdenum | 98-1  | 500      | 467      | 567      | 511      | 9.96   | cps   |
| Neodymium  | 150-1 | 60       | 60       | 100      | 73       | 31.49  | cps   |
| Neodymium  | 150-2 | 33       | 30       | 33       | 32       | 5.97   | cps   |
| Nickel     | 60-2  | 933      | 887      | 863      | 894      | 3.99   | cps   |
| Phosphorus | 31-2  | 6493     | 6635     | 6527     | 6552     | 1.13   | cps   |
| Potassium  | 39-2  | 236457   | 239421   | 240798   | 238892   | 0.93   | cps   |
| Rhodium    | 103-1 | 10899588 | 11034313 | 11375417 | 11103106 | 2.21   | cps   |
| Rhodium    | 103-2 | 5051785  | 5354732  | 5530832  | 5312450  | 4.56   | cps   |
| Scandium   | 45-1  | 7519759  | 7564269  | 8144034  | 7742688  | 4.50   | cps   |
| Scandium   | 45-2  | 377393   | 381731   | 395794   | 384973   | 2.50   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 120      | 113      | 107      | 114      | 5.72   | cps   |
| Selenium   | 82-1  | 301      | 374      | 332      | 336      | 10.92  | cps   |
| Silicon    | 28-1  | 9014751  | 9007120  | 8860270  | 8960714  | 0.97   | cps   |
| Silver     | 109-1 | 200      | 183      | 300      | 228      | 27.70  | cps   |
| Silver     | 107-1 | 308      | 225      | 283      | 272      | 15.71  | cps   |
| Sodium     | 23-2  | 7116314  | 7262832  | 7218023  | 7199056  | 1.04   | cps   |
| Strontium  | 86-1  | 86008    | 87122    | 86419    | 86516    | 0.65   | cps   |
| Strontium  | 88-1  | 740178   | 742570   | 737225   | 739991   | 0.36   | cps   |
| Sulfur     | 34-1  | 832112   | 832344   | 837165   | 833873   | 0.34   | cps   |
| Terbium    | 159-1 | 14782130 | 14821650 | 15407189 | 15003656 | 2.33   | cps   |
| Terbium    | 159-2 | 7491826  | 7631093  | 7809140  | 7644020  | 2.08   | cps   |
| Thallium   | 203-1 | 150      | 250      | 292      | 231      | 31.58  | cps   |
| Thallium   | 205-1 | 642      | 500      | 417      | 519      | 21.90  | cps   |
| Tin        | 118-1 | 550      | 592      | 658      | 600      | 9.11   | cps   |
| Titanium   | 47-1  | 1392     | 1375     | 1175     | 1314     | 9.18   | cps   |
| Uranium    | 238-1 | 550      | 475      | 542      | 522      | 7.87   | cps   |
| Vanadium   | 51-2  | 310      | 343      | 287      | 313      | 9.09   | cps   |
| Yttrium    | 89-1  | 12089781 | 12127901 | 12511061 | 12242914 | 1.90   | cps   |
| Yttrium    | 89-2  | 1925797  | 1981324  | 2008476  | 1971866  | 2.14   | cps   |
| Zinc       | 66-2  | 34869    | 35249    | 34431    | 34850    | 1.18   | cps   |
| Zirconium  | 90-1  | 1392     | 1342     | 1592     | 1442     | 9.18   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-20-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:48:12  | DataFile Name :   | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 367  | 367  | 339     | 14.20  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-21-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:51:38   | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5226     | 6757     | 5176     | 5720     | 15.71  | cps   |
| Antimony   | 121-1 | 958      | 892      | 842      | 897      | 6.52   | cps   |
| Arsenic    | 75-2  | 191      | 211      | 156      | 186      | 15.13  | cps   |
| Barium     | 135-1 | 56382    | 54934    | 54550    | 55289    | 1.75   | cps   |
| Barium     | 137-1 | 96971    | 95653    | 96098    | 96241    | 0.70   | cps   |
| Beryllium  | 9-1   | 28       | 17       | 11       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 9219694  | 9211834  | 9271326  | 9234285  | 0.35   | cps   |
| Bismuth    | 209-2 | 5866776  | 5919721  | 5830288  | 5872261  | 0.77   | cps   |
| Boron      | 10-1  | 1925     | 1992     | 1867     | 1928     | 3.24   | cps   |
| Boron      | 11-1  | 9545     | 9328     | 8878     | 9250     | 3.68   | cps   |
| Cadmium    | 111-1 | 2972     | 2976     | 2802     | 2917     | 3.40   | cps   |
| Cadmium    | 106-1 | 4176     | 4101     | 3901     | 4059     | 3.50   | cps   |
| Cadmium    | 108-1 | 67       | 46       | 17       | 43       | 58.33  | cps   |
| Calcium    | 43-1  | 245083   | 243489   | 242100   | 243557   | 0.61   | cps   |
| Calcium    | 44-1  | 4052343  | 3997806  | 3977836  | 4009328  | 0.96   | cps   |
| Chromium   | 52-2  | 1790     | 1790     | 1753     | 1778     | 1.19   | cps   |
| Cobalt     | 59-2  | 410      | 370      | 413      | 398      | 6.06   | cps   |
| Copper     | 63-2  | 1694005  | 1690414  | 1682989  | 1689136  | 0.33   | cps   |
| Dysprosium | 156-1 | 42       | 67       | 42       | 50       | 28.87  | cps   |
| Dysprosium | 156-2 | 30       | 37       | 47       | 38       | 22.21  | cps   |
| Erbium     | 164-1 | 117      | 125      | 100      | 114      | 11.18  | cps   |
| Erbium     | 164-2 | 53       | 57       | 33       | 48       | 26.42  | cps   |
| Gadolinium | 160-1 | 250      | 150      | 142      | 181      | 33.39  | cps   |
| Gadolinium | 160-2 | 210      | 163      | 160      | 178      | 15.73  | cps   |
| Holmium    | 165-1 | 14329204 | 14088732 | 13867636 | 14095191 | 1.64   | cps   |
| Holmium    | 165-2 | 7793439  | 7834647  | 7721170  | 7783086  | 0.74   | cps   |
| Indium     | 115-1 | 11608132 | 11596742 | 11413750 | 11539541 | 0.95   | cps   |
| Indium     | 115-2 | 2483390  | 2494103  | 2474090  | 2483861  | 0.40   | cps   |
| Iron       | 56-2  | 92086    | 114667   | 95914    | 100889   | 11.98  | cps   |
| Iron       | 57-2  | 3345     | 3334     | 3217     | 3299     | 2.15   | cps   |
| Lead       | 206-1 | 29188    | 29266    | 29639    | 29364    | 0.82   | cps   |
| Lead       | 207-1 | 24785    | 24640    | 24885    | 24770    | 0.50   | cps   |
| Lead       | 208-1 | 115006   | 114081   | 113857   | 114315   | 0.53   | cps   |
| Lithium    | 6-1   | 1977444  | 1974020  | 1958097  | 1969854  | 0.52   | cps   |
| Magnesium  | 24-2  | 427621   | 431123   | 427605   | 428783   | 0.47   | cps   |
| Manganese  | 55-2  | 28037    | 28857    | 28989    | 28628    | 1.80   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-21 Instrumnet Name : P7  
 Client Sample ID : DC24728-21-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:51:38 DataFile Name : 138SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 592      | 617      | 600      | 603      | 2.11   | cps   |
| Molybdenum | 95-1  | 225      | 333      | 358      | 306      | 23.20  | cps   |
| Molybdenum | 96-1  | 508      | 483      | 408      | 467      | 11.15  | cps   |
| Molybdenum | 97-1  | 325      | 242      | 267      | 278      | 15.40  | cps   |
| Molybdenum | 98-1  | 458      | 458      | 308      | 408      | 21.21  | cps   |
| Neodymium  | 150-1 | 73       | 47       | 33       | 51       | 39.86  | cps   |
| Neodymium  | 150-2 | 23       | 23       | 13       | 20       | 28.87  | cps   |
| Nickel     | 60-2  | 12512    | 12656    | 12405    | 12524    | 1.00   | cps   |
| Phosphorus | 31-2  | 6577     | 7044     | 6151     | 6591     | 6.77   | cps   |
| Potassium  | 39-2  | 244980   | 245428   | 245311   | 245240   | 0.09   | cps   |
| Rhodium    | 103-1 | 10972568 | 10826149 | 10690447 | 10829722 | 1.30   | cps   |
| Rhodium    | 103-2 | 5398927  | 5416308  | 5295439  | 5370225  | 1.22   | cps   |
| Scandium   | 45-1  | 7550205  | 7622951  | 7615700  | 7596285  | 0.53   | cps   |
| Scandium   | 45-2  | 396298   | 388592   | 396720   | 393870   | 1.16   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 126      | 119      | 115      | 120      | 4.72   | cps   |
| Selenium   | 82-1  | 207      | 161      | 365      | 245      | 43.68  | cps   |
| Silicon    | 28-1  | 9234082  | 8984903  | 9273827  | 9164270  | 1.71   | cps   |
| Silver     | 109-1 | 383      | 450      | 450      | 428      | 9.00   | cps   |
| Silver     | 107-1 | 525      | 533      | 467      | 508      | 7.15   | cps   |
| Sodium     | 23-2  | 7274653  | 7365053  | 7273386  | 7304364  | 0.72   | cps   |
| Strontium  | 86-1  | 85370    | 85739    | 84180    | 85096    | 0.96   | cps   |
| Strontium  | 88-1  | 739620   | 736659   | 732143   | 736141   | 0.51   | cps   |
| Sulfur     | 34-1  | 855641   | 851370   | 853790   | 853600   | 0.25   | cps   |
| Terbium    | 159-1 | 14803843 | 14699304 | 14469245 | 14657464 | 1.17   | cps   |
| Terbium    | 159-2 | 7648382  | 7666869  | 7760482  | 7691911  | 0.78   | cps   |
| Thallium   | 203-1 | 292      | 267      | 275      | 278      | 4.58   | cps   |
| Thallium   | 205-1 | 642      | 800      | 750      | 731      | 11.08  | cps   |
| Tin        | 118-1 | 1392     | 1558     | 1417     | 1456     | 6.17   | cps   |
| Titanium   | 47-1  | 3027     | 1317     | 1058     | 1801     | 59.40  | cps   |
| Uranium    | 238-1 | 225      | 217      | 333      | 258      | 25.19  | cps   |
| Vanadium   | 51-2  | 283      | 283      | 273      | 280      | 2.06   | cps   |
| Yttrium    | 89-1  | 12110509 | 12128006 | 11889739 | 12042751 | 1.10   | cps   |
| Yttrium    | 89-2  | 2001173  | 2014928  | 1985092  | 2000398  | 0.75   | cps   |
| Zinc       | 66-2  | 360334   | 364009   | 360768   | 361703   | 0.56   | cps   |
| Zirconium  | 90-1  | 1567     | 1267     | 1533     | 1456     | 11.30  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-21-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:51:38   | DataFile Name :   | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 308  | 283  | 328     | 17.31  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-22 Instrumnet Name : P7  
 Client Sample ID : DC24728-22-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:55:04 DataFile Name : 139SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 725      | 767      | 1476     | 989      | 42.64  | cps   |
| Antimony   | 121-1 | 750      | 625      | 792      | 722      | 12.01  | cps   |
| Arsenic    | 75-2  | 185      | 183      | 178      | 182      | 2.12   | cps   |
| Barium     | 135-1 | 55930    | 54073    | 54382    | 54795    | 1.82   | cps   |
| Barium     | 137-1 | 95704    | 95142    | 94353    | 95066    | 0.71   | cps   |
| Beryllium  | 9-1   | 22       | 50       | 44       | 39       | 37.80  | cps   |
| Bismuth    | 209-1 | 9457238  | 9205441  | 9011668  | 9224782  | 2.42   | cps   |
| Bismuth    | 209-2 | 5733910  | 5761192  | 5879771  | 5791624  | 1.34   | cps   |
| Boron      | 10-1  | 1834     | 1975     | 1950     | 1920     | 3.94   | cps   |
| Boron      | 11-1  | 9228     | 8745     | 8661     | 8878     | 3.45   | cps   |
| Cadmium    | 111-1 | 3008     | 2732     | 2863     | 2867     | 4.81   | cps   |
| Cadmium    | 106-1 | 4267     | 3884     | 4051     | 4067     | 4.73   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 8        | 17       | 66.16  | cps   |
| Calcium    | 43-1  | 244194   | 244429   | 242600   | 243741   | 0.41   | cps   |
| Calcium    | 44-1  | 4029537  | 4033394  | 3998294  | 4020408  | 0.48   | cps   |
| Chromium   | 52-2  | 1780     | 1753     | 1990     | 1841     | 7.04   | cps   |
| Cobalt     | 59-2  | 203      | 167      | 150      | 173      | 15.74  | cps   |
| Copper     | 63-2  | 2041585  | 2050292  | 2040140  | 2044005  | 0.27   | cps   |
| Dysprosium | 156-1 | 75       | 42       | 25       | 47       | 53.91  | cps   |
| Dysprosium | 156-2 | 27       | 17       | 27       | 23       | 24.74  | cps   |
| Erbium     | 164-1 | 92       | 100      | 75       | 89       | 14.33  | cps   |
| Erbium     | 164-2 | 47       | 47       | 27       | 40       | 28.87  | cps   |
| Gadolinium | 160-1 | 133      | 233      | 283      | 217      | 35.25  | cps   |
| Gadolinium | 160-2 | 180      | 147      | 180      | 169      | 11.40  | cps   |
| Holmium    | 165-1 | 14538220 | 14373461 | 14114958 | 14342213 | 1.49   | cps   |
| Holmium    | 165-2 | 7680208  | 7720361  | 7862766  | 7754445  | 1.24   | cps   |
| Indium     | 115-1 | 11775625 | 11685700 | 11471560 | 11644295 | 1.34   | cps   |
| Indium     | 115-2 | 2476865  | 2511591  | 2529564  | 2506006  | 1.07   | cps   |
| Iron       | 56-2  | 131965   | 95992    | 91758    | 106572   | 20.73  | cps   |
| Iron       | 57-2  | 2945     | 2984     | 3206     | 3045     | 4.63   | cps   |
| Lead       | 206-1 | 4029     | 3973     | 4240     | 4080     | 3.45   | cps   |
| Lead       | 207-1 | 3373     | 3351     | 3595     | 3439     | 3.93   | cps   |
| Lead       | 208-1 | 15699    | 15682    | 16182    | 15854    | 1.79   | cps   |
| Lithium    | 6-1   | 2049429  | 2007626  | 1978383  | 2011813  | 1.77   | cps   |
| Magnesium  | 24-2  | 423171   | 425100   | 425036   | 424436   | 0.26   | cps   |
| Manganese  | 55-2  | 24934    | 24006    | 24611    | 24517    | 1.92   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-22-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:55:04   | DataFile Name :   | 139SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 642      | 717      | 675      | 5.66   | cps   |
| Molybdenum | 95-1  | 325      | 458      | 292      | 358      | 24.61  | cps   |
| Molybdenum | 96-1  | 383      | 433      | 475      | 431      | 10.66  | cps   |
| Molybdenum | 97-1  | 325      | 383      | 333      | 347      | 9.09   | cps   |
| Molybdenum | 98-1  | 633      | 567      | 475      | 558      | 14.24  | cps   |
| Neodymium  | 150-1 | 33       | 40       | 20       | 31       | 32.73  | cps   |
| Neodymium  | 150-2 | 23       | 20       | 13       | 19       | 26.96  | cps   |
| Nickel     | 60-2  | 1050     | 1033     | 1057     | 1047     | 1.15   | cps   |
| Phosphorus | 31-2  | 6643     | 6819     | 6685     | 6716     | 1.36   | cps   |
| Potassium  | 39-2  | 242577   | 243347   | 240442   | 242122   | 0.62   | cps   |
| Rhodium    | 103-1 | 11120638 | 10960232 | 10800009 | 10960293 | 1.46   | cps   |
| Rhodium    | 103-2 | 5381111  | 5362215  | 5461581  | 5401636  | 0.98   | cps   |
| Scandium   | 45-1  | 7698296  | 7662006  | 7598424  | 7652909  | 0.66   | cps   |
| Scandium   | 45-2  | 384948   | 394406   | 396641   | 391998   | 1.58   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 91       | 98       | 126      | 105      | 17.68  | cps   |
| Selenium   | 82-1  | 190      | 256      | 324      | 257      | 26.24  | cps   |
| Silicon    | 28-1  | 9154592  | 9032636  | 9129876  | 9105701  | 0.71   | cps   |
| Silver     | 109-1 | 483      | 567      | 625      | 558      | 12.75  | cps   |
| Silver     | 107-1 | 542      | 658      | 575      | 592      | 10.16  | cps   |
| Sodium     | 23-2  | 7312413  | 7255205  | 7249152  | 7272257  | 0.48   | cps   |
| Strontium  | 86-1  | 86830    | 83978    | 84608    | 85139    | 1.76   | cps   |
| Strontium  | 88-1  | 733736   | 725279   | 727222   | 728746   | 0.61   | cps   |
| Sulfur     | 34-1  | 847503   | 865301   | 858771   | 857192   | 1.05   | cps   |
| Terbium    | 159-1 | 14857651 | 14638503 | 14769709 | 14755288 | 0.75   | cps   |
| Terbium    | 159-2 | 7661447  | 7858843  | 7908554  | 7809614  | 1.67   | cps   |
| Thallium   | 203-1 | 225      | 183      | 183      | 197      | 12.20  | cps   |
| Thallium   | 205-1 | 550      | 692      | 433      | 558      | 23.17  | cps   |
| Tin        | 118-1 | 717      | 617      | 650      | 661      | 7.70   | cps   |
| Titanium   | 47-1  | 1559     | 1250     | 1067     | 1292     | 19.24  | cps   |
| Uranium    | 238-1 | 225      | 283      | 175      | 228      | 23.80  | cps   |
| Vanadium   | 51-2  | 270      | 230      | 273      | 258      | 9.35   | cps   |
| Yttrium    | 89-1  | 12336758 | 12175759 | 12076917 | 12196478 | 1.08   | cps   |
| Yttrium    | 89-2  | 1988398  | 2000201  | 2025495  | 2004698  | 0.95   | cps   |
| Zinc       | 66-2  | 18015    | 17848    | 18285    | 18049    | 1.22   | cps   |
| Zirconium  | 90-1  | 1408     | 1667     | 1333     | 1470     | 11.91  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-22-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:55:04   | DataFile Name :   | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 317  | 200  | 297     | 29.98  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-23 Instrumnet Name : P7  
 Client Sample ID : DC24728-23-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 23:58:29 DataFile Name : 140SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5244     | 4985     | 4493     | 4907     | 7.78   | cps   |
| Antimony   | 121-1 | 958      | 1075     | 1075     | 1036     | 6.50   | cps   |
| Arsenic    | 75-2  | 193      | 198      | 191      | 194      | 1.99   | cps   |
| Barium     | 135-1 | 58708    | 59586    | 58716    | 59003    | 0.86   | cps   |
| Barium     | 137-1 | 102141   | 102258   | 101083   | 101827   | 0.64   | cps   |
| Beryllium  | 9-1   | 44       | 39       | 28       | 37       | 22.91  | cps   |
| Bismuth    | 209-1 | 9587455  | 9377299  | 9015255  | 9326670  | 3.10   | cps   |
| Bismuth    | 209-2 | 6105432  | 6053862  | 5831678  | 5996991  | 2.43   | cps   |
| Boron      | 10-1  | 1884     | 1917     | 2125     | 1975     | 6.63   | cps   |
| Boron      | 11-1  | 9145     | 9320     | 8828     | 9098     | 2.74   | cps   |
| Cadmium    | 111-1 | 2977     | 2893     | 2850     | 2907     | 2.23   | cps   |
| Cadmium    | 106-1 | 4267     | 4142     | 4042     | 4151     | 2.72   | cps   |
| Cadmium    | 108-1 | 50       | 33       | 25       | 36       | 35.25  | cps   |
| Calcium    | 43-1  | 249479   | 248554   | 250184   | 249406   | 0.33   | cps   |
| Calcium    | 44-1  | 4150033  | 4105018  | 4157982  | 4137677  | 0.69   | cps   |
| Chromium   | 52-2  | 1747     | 1767     | 1970     | 1828     | 6.76   | cps   |
| Cobalt     | 59-2  | 277      | 287      | 260      | 274      | 4.91   | cps   |
| Copper     | 63-2  | 670900   | 675158   | 676358   | 674139   | 0.43   | cps   |
| Dysprosium | 156-1 | 33       | 100      | 75       | 69       | 48.50  | cps   |
| Dysprosium | 156-2 | 30       | 23       | 43       | 32       | 31.61  | cps   |
| Erbium     | 164-1 | 133      | 42       | 58       | 78       | 62.78  | cps   |
| Erbium     | 164-2 | 53       | 60       | 47       | 53       | 12.50  | cps   |
| Gadolinium | 160-1 | 150      | 233      | 192      | 192      | 21.74  | cps   |
| Gadolinium | 160-2 | 167      | 173      | 157      | 166      | 5.07   | cps   |
| Holmium    | 165-1 | 14666103 | 14363376 | 14176354 | 14401945 | 1.72   | cps   |
| Holmium    | 165-2 | 8051505  | 8045290  | 7779261  | 7958685  | 1.95   | cps   |
| Indium     | 115-1 | 11897725 | 11755176 | 11594364 | 11749088 | 1.29   | cps   |
| Indium     | 115-2 | 2619026  | 2624096  | 2531038  | 2591386  | 2.02   | cps   |
| Iron       | 56-2  | 119479   | 115761   | 116755   | 117331   | 1.64   | cps   |
| Iron       | 57-2  | 3734     | 3712     | 3773     | 3740     | 0.83   | cps   |
| Lead       | 206-1 | 5657     | 5446     | 5401     | 5501     | 2.48   | cps   |
| Lead       | 207-1 | 4362     | 4484     | 4468     | 4438     | 1.49   | cps   |
| Lead       | 208-1 | 21418    | 21185    | 21491    | 21365    | 0.75   | cps   |
| Lithium    | 6-1   | 2063786  | 2021414  | 2021560  | 2035587  | 1.20   | cps   |
| Magnesium  | 24-2  | 436360   | 438662   | 440891   | 438638   | 0.52   | cps   |
| Manganese  | 55-2  | 38724    | 38253    | 37939    | 38306    | 1.03   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-23-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:58:29   | DataFile Name :   | 140SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 692      | 517      | 622      | 14.93  | cps   |
| Molybdenum | 95-1  | 292      | 383      | 292      | 322      | 16.42  | cps   |
| Molybdenum | 96-1  | 342      | 325      | 417      | 361      | 13.52  | cps   |
| Molybdenum | 97-1  | 375      | 233      | 208      | 272      | 33.02  | cps   |
| Molybdenum | 98-1  | 442      | 467      | 475      | 461      | 3.76   | cps   |
| Neodymium  | 150-1 | 33       | 47       | 60       | 47       | 28.58  | cps   |
| Neodymium  | 150-2 | 23       | 23       | 10       | 19       | 40.75  | cps   |
| Nickel     | 60-2  | 12312    | 12846    | 12843    | 12667    | 2.43   | cps   |
| Phosphorus | 31-2  | 6001     | 6310     | 6076     | 6129     | 2.62   | cps   |
| Potassium  | 39-2  | 243948   | 248841   | 247158   | 246649   | 1.01   | cps   |
| Rhodium    | 103-1 | 11221541 | 11124855 | 11025460 | 11123952 | 0.88   | cps   |
| Rhodium    | 103-2 | 5594634  | 5632830  | 5492385  | 5573283  | 1.30   | cps   |
| Scandium   | 45-1  | 7873497  | 7829450  | 7587340  | 7763429  | 1.98   | cps   |
| Scandium   | 45-2  | 404320   | 419546   | 392810   | 405559   | 3.31   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 120      | 119      | 128      | 122      | 4.01   | cps   |
| Selenium   | 82-1  | 211      | 106      | 152      | 156      | 33.83  | cps   |
| Silicon    | 28-1  | 9363361  | 9241670  | 9310353  | 9305128  | 0.66   | cps   |
| Silver     | 109-1 | 225      | 292      | 275      | 264      | 13.15  | cps   |
| Silver     | 107-1 | 258      | 250      | 342      | 283      | 17.89  | cps   |
| Sodium     | 23-2  | 7533360  | 7552684  | 7526575  | 7537540  | 0.18   | cps   |
| Strontium  | 86-1  | 88867    | 88172    | 88196    | 88411    | 0.45   | cps   |
| Strontium  | 88-1  | 767269   | 757806   | 757368   | 760814   | 0.74   | cps   |
| Sulfur     | 34-1  | 842117   | 842852   | 842477   | 842482   | 0.04   | cps   |
| Terbium    | 159-1 | 15229081 | 15001516 | 14835215 | 15021937 | 1.32   | cps   |
| Terbium    | 159-2 | 8015028  | 8037157  | 7785000  | 7945728  | 1.76   | cps   |
| Thallium   | 203-1 | 258      | 300      | 225      | 261      | 14.39  | cps   |
| Thallium   | 205-1 | 550      | 650      | 700      | 633      | 12.06  | cps   |
| Tin        | 118-1 | 883      | 692      | 842      | 806      | 12.51  | cps   |
| Titanium   | 47-1  | 1133     | 2194     | 1058     | 1462     | 43.44  | cps   |
| Uranium    | 238-1 | 667      | 517      | 650      | 611      | 13.45  | cps   |
| Vanadium   | 51-2  | 297      | 300      | 217      | 271      | 17.40  | cps   |
| Yttrium    | 89-1  | 12390587 | 12320481 | 12085906 | 12265658 | 1.30   | cps   |
| Yttrium    | 89-2  | 2089139  | 2096099  | 2020963  | 2068734  | 2.01   | cps   |
| Zinc       | 66-2  | 223249   | 223594   | 225574   | 224139   | 0.56   | cps   |
| Zirconium  | 90-1  | 1575     | 1433     | 1433     | 1481     | 5.53   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-23-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 23:58:29   | DataFile Name :   | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 300  | 576  | 381     | 44.52  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-24 Instrumnet Name : P7  
 Client Sample ID : DC24728-24-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:01:55 DataFile Name : 141SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1767     | 1575     | 1775     | 1706     | 6.64   | cps   |
| Antimony   | 121-1 | 1208     | 917      | 1050     | 1058     | 13.80  | cps   |
| Arsenic    | 75-2  | 154      | 209      | 139      | 167      | 22.18  | cps   |
| Barium     | 135-1 | 56415    | 58189    | 55997    | 56867    | 2.05   | cps   |
| Barium     | 137-1 | 98867    | 100940   | 99597    | 99802    | 1.05   | cps   |
| Beryllium  | 9-1   | 39       | 44       | 78       | 54       | 39.16  | cps   |
| Bismuth    | 209-1 | 9436847  | 8976435  | 9134480  | 9182587  | 2.55   | cps   |
| Bismuth    | 209-2 | 6059787  | 5840915  | 5869653  | 5923452  | 2.01   | cps   |
| Boron      | 10-1  | 1667     | 1792     | 1950     | 1803     | 7.88   | cps   |
| Boron      | 11-1  | 8686     | 8978     | 8878     | 8847     | 1.68   | cps   |
| Cadmium    | 111-1 | 2820     | 2773     | 2803     | 2798     | 0.86   | cps   |
| Cadmium    | 106-1 | 4026     | 3984     | 4001     | 4004     | 0.52   | cps   |
| Cadmium    | 108-1 | 21       | 29       | 21       | 24       | 20.39  | cps   |
| Calcium    | 43-1  | 247793   | 245336   | 245989   | 246372   | 0.52   | cps   |
| Calcium    | 44-1  | 4094864  | 4104087  | 4062046  | 4086999  | 0.54   | cps   |
| Chromium   | 52-2  | 1887     | 1853     | 1740     | 1827     | 4.21   | cps   |
| Cobalt     | 59-2  | 170      | 140      | 187      | 166      | 14.29  | cps   |
| Copper     | 63-2  | 794984   | 789852   | 800914   | 795250   | 0.70   | cps   |
| Dysprosium | 156-1 | 58       | 83       | 67       | 69       | 18.33  | cps   |
| Dysprosium | 156-2 | 27       | 27       | 10       | 21       | 45.58  | cps   |
| Erbium     | 164-1 | 133      | 50       | 117      | 100      | 44.10  | cps   |
| Erbium     | 164-2 | 63       | 53       | 70       | 62       | 13.48  | cps   |
| Gadolinium | 160-1 | 250      | 192      | 192      | 211      | 15.95  | cps   |
| Gadolinium | 160-2 | 167      | 177      | 177      | 173      | 3.33   | cps   |
| Holmium    | 165-1 | 14442727 | 14222119 | 14263423 | 14309423 | 0.82   | cps   |
| Holmium    | 165-2 | 8060137  | 7834610  | 7853686  | 7916144  | 1.58   | cps   |
| Indium     | 115-1 | 11735879 | 11536796 | 11530123 | 11600933 | 1.01   | cps   |
| Indium     | 115-2 | 2575158  | 2509193  | 2546210  | 2543520  | 1.30   | cps   |
| Iron       | 56-2  | 98322    | 98931    | 96089    | 97781    | 1.53   | cps   |
| Iron       | 57-2  | 3312     | 3796     | 3200     | 3436     | 9.21   | cps   |
| Lead       | 206-1 | 4979     | 4934     | 4907     | 4940     | 0.74   | cps   |
| Lead       | 207-1 | 4201     | 4101     | 4279     | 4193     | 2.13   | cps   |
| Lead       | 208-1 | 19211    | 19312    | 19239    | 19254    | 0.27   | cps   |
| Lithium    | 6-1   | 2045369  | 1997414  | 1997696  | 2013493  | 1.37   | cps   |
| Magnesium  | 24-2  | 433225   | 432727   | 435325   | 433759   | 0.32   | cps   |
| Manganese  | 55-2  | 28181    | 28895    | 28438    | 28505    | 1.27   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4701-24 Instrumnet Name : P7  
 Client Sample ID : DC24728-24-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:01:55 DataFile Name : 141SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 517      | 592      | 483      | 531      | 10.46  | cps   |
| Molybdenum | 95-1  | 317      | 325      | 258      | 300      | 12.11  | cps   |
| Molybdenum | 96-1  | 467      | 408      | 367      | 414      | 12.14  | cps   |
| Molybdenum | 97-1  | 292      | 208      | 267      | 256      | 16.73  | cps   |
| Molybdenum | 98-1  | 375      | 392      | 433      | 400      | 7.51   | cps   |
| Neodymium  | 150-1 | 73       | 100      | 47       | 73       | 36.36  | cps   |
| Neodymium  | 150-2 | 10       | 30       | 33       | 24       | 51.62  | cps   |
| Nickel     | 60-2  | 1403     | 1407     | 1360     | 1390     | 1.87   | cps   |
| Phosphorus | 31-2  | 7102     | 6402     | 6643     | 6716     | 5.30   | cps   |
| Potassium  | 39-2  | 244026   | 244542   | 244682   | 244417   | 0.14   | cps   |
| Rhodium    | 103-1 | 11027477 | 10850517 | 10863984 | 10913993 | 0.90   | cps   |
| Rhodium    | 103-2 | 5568421  | 5374205  | 5513115  | 5485247  | 1.82   | cps   |
| Scandium   | 45-1  | 7696690  | 7484636  | 7532449  | 7571259  | 1.47   | cps   |
| Scandium   | 45-2  | 409445   | 399762   | 401902   | 403703   | 1.26   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 102      | 111      | 107      | 107      | 4.36   | cps   |
| Selenium   | 82-1  | 234      | 379      | 223      | 279      | 31.17  | cps   |
| Silicon    | 28-1  | 8869071  | 8981019  | 8919106  | 8923065  | 0.63   | cps   |
| Silver     | 109-1 | 317      | 317      | 333      | 322      | 2.99   | cps   |
| Silver     | 107-1 | 433      | 458      | 392      | 428      | 7.87   | cps   |
| Sodium     | 23-2  | 7453075  | 7390437  | 7407498  | 7417003  | 0.44   | cps   |
| Strontium  | 86-1  | 90292    | 87709    | 85974    | 87991    | 2.47   | cps   |
| Strontium  | 88-1  | 757703   | 759922   | 752688   | 756771   | 0.49   | cps   |
| Sulfur     | 34-1  | 823792   | 824801   | 816756   | 821783   | 0.53   | cps   |
| Terbium    | 159-1 | 14992051 | 14793796 | 14655079 | 14813642 | 1.14   | cps   |
| Terbium    | 159-2 | 7991286  | 7799094  | 7816492  | 7868957  | 1.35   | cps   |
| Thallium   | 203-1 | 217      | 267      | 167      | 217      | 23.08  | cps   |
| Thallium   | 205-1 | 617      | 600      | 642      | 619      | 3.39   | cps   |
| Tin        | 118-1 | 658      | 725      | 675      | 686      | 5.06   | cps   |
| Titanium   | 47-1  | 1192     | 1500     | 1334     | 1342     | 11.50  | cps   |
| Uranium    | 238-1 | 583      | 667      | 475      | 575      | 16.71  | cps   |
| Vanadium   | 51-2  | 293      | 257      | 310      | 287      | 9.52   | cps   |
| Yttrium    | 89-1  | 12286188 | 12163492 | 12131448 | 12193709 | 0.67   | cps   |
| Yttrium    | 89-2  | 2076643  | 2008107  | 2020957  | 2035236  | 1.79   | cps   |
| Zinc       | 66-2  | 14658    | 14631    | 14594    | 14628    | 0.22   | cps   |
| Zirconium  | 90-1  | 1208     | 1342     | 1167     | 1239     | 7.38   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4701-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-24-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:01:55   | DataFile Name :   | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 342  | 367  | 319     | 19.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:05:21 | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 117      | 108      | 100      | 108      | 7.69   | cps   |
| Antimony   | 121-1 | 50       | 42       | 75       | 56       | 31.22  | cps   |
| Arsenic    | 75-2  | 15       | 9        | 13       | 12       | 22.89  | cps   |
| Barium     | 135-1 | 92       | 67       | 67       | 75       | 19.24  | cps   |
| Barium     | 137-1 | 92       | 67       | 83       | 81       | 15.80  | cps   |
| Beryllium  | 9-1   | 11       | 28       | 17       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 8514493  | 8587050  | 8689045  | 8596863  | 1.02   | cps   |
| Bismuth    | 209-2 | 5705121  | 5709332  | 5795071  | 5736508  | 0.88   | cps   |
| Boron      | 10-1  | 283      | 208      | 242      | 244      | 15.37  | cps   |
| Boron      | 11-1  | 1100     | 1317     | 1350     | 1256     | 10.81  | cps   |
| Cadmium    | 111-1 | 2380     | 2780     | 2633     | 2598     | 7.79   | cps   |
| Cadmium    | 106-1 | 3392     | 3976     | 3776     | 3715     | 7.98   | cps   |
| Cadmium    | 108-1 | 4        | 4        | 21       | 10       | 98.92  | cps   |
| Calcium    | 43-1  | 300      | 308      | 333      | 314      | 5.53   | cps   |
| Calcium    | 44-1  | 21684    | 21984    | 21625    | 21764    | 0.89   | cps   |
| Chromium   | 52-2  | 1683     | 1830     | 1763     | 1759     | 4.18   | cps   |
| Cobalt     | 59-2  | 57       | 47       | 37       | 47       | 21.43  | cps   |
| Copper     | 63-2  | 1653     | 1700     | 1743     | 1699     | 2.65   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 25       | 33       | 75       | 44       | 60.28  | cps   |
| Erbium     | 164-2 | 17       | 33       | 23       | 24       | 34.31  | cps   |
| Gadolinium | 160-1 | 142      | 167      | 158      | 156      | 8.19   | cps   |
| Gadolinium | 160-2 | 103      | 133      | 140      | 126      | 15.55  | cps   |
| Holmium    | 165-1 | 13112230 | 13331471 | 13360280 | 13267994 | 1.02   | cps   |
| Holmium    | 165-2 | 7582023  | 7632780  | 7710515  | 7641773  | 0.85   | cps   |
| Indium     | 115-1 | 10766016 | 10830578 | 10846366 | 10814320 | 0.39   | cps   |
| Indium     | 115-2 | 2444663  | 2434284  | 2452229  | 2443725  | 0.37   | cps   |
| Iron       | 56-2  | 6952     | 6896     | 6868     | 6906     | 0.61   | cps   |
| Iron       | 57-2  | 339      | 372      | 311      | 341      | 8.98   | cps   |
| Lead       | 206-1 | 833      | 772      | 606      | 737      | 16.00  | cps   |
| Lead       | 207-1 | 717      | 656      | 756      | 709      | 7.11   | cps   |
| Lead       | 208-1 | 3345     | 3261     | 3206     | 3271     | 2.14   | cps   |
| Lithium    | 6-1   | 1859377  | 1900545  | 1880268  | 1880063  | 1.09   | cps   |
| Magnesium  | 24-2  | 192      | 158      | 200      | 183      | 12.03  | cps   |
| Manganese  | 55-2  | 80       | 83       | 73       | 79       | 6.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:05:21 | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 217      | 150      | 258      | 208      | 26.23  | cps   |
| Molybdenum | 95-1  | 50       | 50       | 25       | 42       | 34.64  | cps   |
| Molybdenum | 96-1  | 75       | 67       | 42       | 61       | 28.38  | cps   |
| Molybdenum | 97-1  | 117      | 100      | 100      | 106      | 9.11   | cps   |
| Molybdenum | 98-1  | 50       | 50       | 83       | 61       | 31.50  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 77       | 53       | 47       | 59       | 26.75  | cps   |
| Phosphorus | 31-2  | 200      | 217      | 142      | 186      | 21.16  | cps   |
| Potassium  | 39-2  | 59445    | 59671    | 60374    | 59830    | 0.81   | cps   |
| Rhodium    | 103-1 | 10097201 | 10306312 | 10297958 | 10233824 | 1.16   | cps   |
| Rhodium    | 103-2 | 5265720  | 5282843  | 5306309  | 5284957  | 0.39   | cps   |
| Scandium   | 45-1  | 7101045  | 7194944  | 7106372  | 7134120  | 0.74   | cps   |
| Scandium   | 45-2  | 382450   | 382813   | 385300   | 383521   | 0.40   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 124      | 133      | 119      | 15.39  | cps   |
| Selenium   | 82-1  | 59       | 243      | 263      | 188      | 59.83  | cps   |
| Silicon    | 28-1  | 629800   | 629895   | 636631   | 632109   | 0.62   | cps   |
| Silver     | 109-1 | 58       | 92       | 100      | 83       | 26.45  | cps   |
| Silver     | 107-1 | 150      | 125      | 133      | 136      | 9.35   | cps   |
| Sodium     | 23-2  | 42403    | 43798    | 44701    | 43634    | 2.65   | cps   |
| Strontium  | 86-1  | 1775     | 1625     | 1717     | 1706     | 4.43   | cps   |
| Strontium  | 88-1  | 442      | 367      | 475      | 428      | 12.97  | cps   |
| Sulfur     | 34-1  | 739037   | 730026   | 739522   | 736195   | 0.73   | cps   |
| Terbium    | 159-1 | 13701844 | 13811758 | 13836438 | 13783346 | 0.52   | cps   |
| Terbium    | 159-2 | 7569627  | 7541048  | 7535739  | 7548804  | 0.24   | cps   |
| Thallium   | 203-1 | 200      | 217      | 242      | 219      | 9.56   | cps   |
| Thallium   | 205-1 | 450      | 483      | 350      | 428      | 16.22  | cps   |
| Tin        | 118-1 | 1433     | 1242     | 1408     | 1361     | 7.66   | cps   |
| Titanium   | 47-1  | 258      | 183      | 225      | 222      | 16.91  | cps   |
| Uranium    | 238-1 | 42       | 100      | 117      | 86       | 45.73  | cps   |
| Vanadium   | 51-2  | 20       | 13       | 13       | 16       | 24.76  | cps   |
| Yttrium    | 89-1  | 11261919 | 11377914 | 11278389 | 11306074 | 0.56   | cps   |
| Yttrium    | 89-2  | 1940889  | 1944613  | 1968555  | 1951352  | 0.77   | cps   |
| Zinc       | 66-2  | 300      | 250      | 260      | 270      | 9.80   | cps   |
| Zirconium  | 90-1  | 625      | 592      | 600      | 606      | 2.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:05:21 | DataFile Name :   | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 67   | 150  | 111     | 37.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:08:49 | DataFile Name :   | 143SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 600      | 675      | 633      | 636      | 5.91   | cps   |
| Antimony   | 121-1 | 83       | 158      | 58       | 100      | 52.04  | cps   |
| Arsenic    | 75-2  | 20       | 9        | 13       | 14       | 39.85  | cps   |
| Barium     | 135-1 | 67       | 58       | 75       | 67       | 12.49  | cps   |
| Barium     | 137-1 | 142      | 133      | 58       | 111      | 41.31  | cps   |
| Beryllium  | 9-1   | 6        | 33       | 22       | 20       | 68.62  | cps   |
| Bismuth    | 209-1 | 8511292  | 8576193  | 8426754  | 8504746  | 0.88   | cps   |
| Bismuth    | 209-2 | 5643596  | 5592039  | 5579096  | 5604910  | 0.61   | cps   |
| Boron      | 10-1  | 275      | 242      | 308      | 275      | 12.12  | cps   |
| Boron      | 11-1  | 1333     | 1375     | 1542     | 1417     | 7.78   | cps   |
| Cadmium    | 111-1 | 2525     | 2864     | 2510     | 2633     | 7.61   | cps   |
| Cadmium    | 106-1 | 3609     | 4092     | 3551     | 3751     | 7.93   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 13       | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 300      | 275      | 358      | 311      | 13.75  | cps   |
| Calcium    | 44-1  | 23386    | 23077    | 22810    | 23091    | 1.25   | cps   |
| Chromium   | 52-2  | 1680     | 1770     | 1927     | 1792     | 6.97   | cps   |
| Cobalt     | 59-2  | 120      | 87       | 73       | 93       | 25.75  | cps   |
| Copper     | 63-2  | 1520     | 1507     | 1643     | 1557     | 4.84   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 75       | 42       | 67       | 61       | 28.38  | cps   |
| Erbium     | 164-2 | 27       | 27       | 13       | 22       | 34.66  | cps   |
| Gadolinium | 160-1 | 133      | 50       | 108      | 97       | 43.99  | cps   |
| Gadolinium | 160-2 | 160      | 110      | 153      | 141      | 19.24  | cps   |
| Holmium    | 165-1 | 13036570 | 13138423 | 13111350 | 13095448 | 0.40   | cps   |
| Holmium    | 165-2 | 7580305  | 7458986  | 7376485  | 7471926  | 1.37   | cps   |
| Indium     | 115-1 | 10797982 | 10751944 | 10502736 | 10684221 | 1.49   | cps   |
| Indium     | 115-2 | 2387458  | 2382913  | 2413546  | 2394639  | 0.69   | cps   |
| Iron       | 56-2  | 9198     | 8842     | 8653     | 8897     | 3.11   | cps   |
| Iron       | 57-2  | 350      | 433      | 444      | 409      | 12.61  | cps   |
| Lead       | 206-1 | 5202553  | 5221102  | 5208854  | 5210836  | 0.18   | cps   |
| Lead       | 207-1 | 4659007  | 4649663  | 4667468  | 4658713  | 0.19   | cps   |
| Lead       | 208-1 | 21235322 | 21373514 | 21272237 | 21293691 | 0.34   | cps   |
| Lithium    | 6-1   | 1857615  | 1842485  | 1827319  | 1842473  | 0.82   | cps   |
| Magnesium  | 24-2  | 342      | 450      | 383      | 392      | 13.95  | cps   |
| Manganese  | 55-2  | 113      | 97       | 117      | 109      | 9.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:08:49 | DataFile Name :   | 143SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 325      | 392      | 208      | 308      | 30.10  | cps   |
| Molybdenum | 95-1  | 208      | 92       | 133      | 144      | 40.93  | cps   |
| Molybdenum | 96-1  | 200      | 200      | 192      | 197      | 2.44   | cps   |
| Molybdenum | 97-1  | 133      | 125      | 200      | 153      | 26.91  | cps   |
| Molybdenum | 98-1  | 175      | 200      | 208      | 194      | 8.92   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 83       | 70       | 70       | 74       | 10.35  | cps   |
| Phosphorus | 31-2  | 200      | 192      | 217      | 203      | 6.28   | cps   |
| Potassium  | 39-2  | 59771    | 59202    | 60348    | 59774    | 0.96   | cps   |
| Rhodium    | 103-1 | 10163815 | 10088104 | 10067373 | 10106431 | 0.50   | cps   |
| Rhodium    | 103-2 | 5172646  | 5148927  | 5150983  | 5157519  | 0.25   | cps   |
| Scandium   | 45-1  | 7035125  | 7062382  | 7033236  | 7043581  | 0.23   | cps   |
| Scandium   | 45-2  | 374436   | 376223   | 376020   | 375560   | 0.26   | cps   |
| Selenium   | 77-2  | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Selenium   | 78-2  | 135      | 115      | 98       | 116      | 15.98  | cps   |
| Selenium   | 82-1  | 285      | 174      | 263      | 241      | 24.33  | cps   |
| Silicon    | 28-1  | 633494   | 624170   | 632146   | 629936   | 0.80   | cps   |
| Silver     | 109-1 | 50       | 108      | 100      | 86       | 36.64  | cps   |
| Silver     | 107-1 | 183      | 158      | 142      | 161      | 13.02  | cps   |
| Sodium     | 23-2  | 43965    | 43957    | 43347    | 43756    | 0.81   | cps   |
| Strontium  | 86-1  | 1725     | 1609     | 1700     | 1678     | 3.66   | cps   |
| Strontium  | 88-1  | 750      | 717      | 642      | 703      | 7.90   | cps   |
| Sulfur     | 34-1  | 725307   | 725363   | 713665   | 721445   | 0.93   | cps   |
| Terbium    | 159-1 | 13864000 | 13579843 | 13502714 | 13648852 | 1.39   | cps   |
| Terbium    | 159-2 | 7317959  | 7361039  | 7412899  | 7363966  | 0.65   | cps   |
| Thallium   | 203-1 | 208      | 300      | 142      | 217      | 36.69  | cps   |
| Thallium   | 205-1 | 392      | 358      | 442      | 397      | 10.56  | cps   |
| Tin        | 118-1 | 992      | 1017     | 1008     | 1006     | 1.27   | cps   |
| Titanium   | 47-1  | 258      | 267      | 250      | 258      | 3.23   | cps   |
| Uranium    | 238-1 | 308      | 283      | 333      | 308      | 8.11   | cps   |
| Vanadium   | 51-2  | 13       | 40       | 17       | 23       | 62.27  | cps   |
| Yttrium    | 89-1  | 11243402 | 11144262 | 11194294 | 11193986 | 0.44   | cps   |
| Yttrium    | 89-2  | 1909587  | 1907926  | 1908043  | 1908518  | 0.05   | cps   |
| Zinc       | 66-2  | 487      | 367      | 353      | 402      | 18.26  | cps   |
| Zirconium  | 90-1  | 767      | 817      | 650      | 744      | 11.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101409BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101409BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:08:49 | DataFile Name :   | 143SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 150  | 133  | 153     | 13.73  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-01 Instrumnet Name : P7  
 Client Sample ID : DC24728-25-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:12:15 DataFile Name : 144SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6510     | 6727     | 6477     | 6571     | 2.07   | cps   |
| Antimony   | 121-1 | 825      | 942      | 658      | 808      | 17.62  | cps   |
| Arsenic    | 75-2  | 169      | 170      | 157      | 165      | 4.24   | cps   |
| Barium     | 135-1 | 57060    | 57988    | 55394    | 56814    | 2.31   | cps   |
| Barium     | 137-1 | 99699    | 98633    | 97894    | 98742    | 0.92   | cps   |
| Beryllium  | 9-1   | 17       | 50       | 50       | 39       | 49.48  | cps   |
| Bismuth    | 209-1 | 9220703  | 9185435  | 9227760  | 9211299  | 0.25   | cps   |
| Bismuth    | 209-2 | 6130196  | 5957373  | 5941023  | 6009531  | 1.74   | cps   |
| Boron      | 10-1  | 1767     | 1784     | 1742     | 1764     | 1.19   | cps   |
| Boron      | 11-1  | 9337     | 8586     | 9145     | 9023     | 4.32   | cps   |
| Cadmium    | 111-1 | 2986     | 2940     | 2803     | 2909     | 3.28   | cps   |
| Cadmium    | 106-1 | 4226     | 4167     | 3984     | 4126     | 3.06   | cps   |
| Cadmium    | 108-1 | 38       | 33       | 46       | 39       | 16.37  | cps   |
| Calcium    | 43-1  | 250733   | 246579   | 242502   | 246605   | 1.67   | cps   |
| Calcium    | 44-1  | 4150198  | 4092541  | 4073069  | 4105269  | 0.98   | cps   |
| Chromium   | 52-2  | 2144     | 1770     | 1803     | 1906     | 10.84  | cps   |
| Cobalt     | 59-2  | 257      | 323      | 270      | 283      | 12.45  | cps   |
| Copper     | 63-2  | 622290   | 620001   | 621370   | 621220   | 0.19   | cps   |
| Dysprosium | 156-1 | 33       | 83       | 58       | 58       | 42.86  | cps   |
| Dysprosium | 156-2 | 37       | 30       | 47       | 38       | 22.21  | cps   |
| Erbium     | 164-1 | 117      | 142      | 117      | 125      | 11.55  | cps   |
| Erbium     | 164-2 | 33       | 63       | 53       | 50       | 30.55  | cps   |
| Gadolinium | 160-1 | 117      | 200      | 200      | 172      | 27.94  | cps   |
| Gadolinium | 160-2 | 170      | 173      | 150      | 164      | 7.68   | cps   |
| Holmium    | 165-1 | 14349276 | 14424306 | 14450945 | 14408176 | 0.37   | cps   |
| Holmium    | 165-2 | 7978273  | 7754006  | 7891129  | 7874469  | 1.44   | cps   |
| Indium     | 115-1 | 11746040 | 11773701 | 11732593 | 11750778 | 0.18   | cps   |
| Indium     | 115-2 | 2621019  | 2482996  | 2523088  | 2542368  | 2.79   | cps   |
| Iron       | 56-2  | 99420    | 99506    | 98030    | 98985    | 0.84   | cps   |
| Iron       | 57-2  | 3273     | 3284     | 3273     | 3277     | 0.19   | cps   |
| Lead       | 206-1 | 11644    | 11027    | 11800    | 11490    | 3.56   | cps   |
| Lead       | 207-1 | 9820     | 9548     | 9582     | 9650     | 1.54   | cps   |
| Lead       | 208-1 | 45348    | 44469    | 45454    | 45090    | 1.20   | cps   |
| Lithium    | 6-1   | 2043818  | 2003958  | 2017524  | 2021767  | 1.00   | cps   |
| Magnesium  | 24-2  | 425589   | 423817   | 426147   | 425185   | 0.29   | cps   |
| Manganese  | 55-2  | 27416    | 27179    | 27339    | 27311    | 0.44   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-01 Instrumnet Name : P7  
 Client Sample ID : DC24728-25-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:12:15 DataFile Name : 144SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 733      | 717      | 758      | 736      | 2.85   | cps   |
| Molybdenum | 95-1  | 283      | 300      | 283      | 289      | 3.33   | cps   |
| Molybdenum | 96-1  | 433      | 442      | 450      | 442      | 1.89   | cps   |
| Molybdenum | 97-1  | 317      | 275      | 242      | 278      | 13.53  | cps   |
| Molybdenum | 98-1  | 517      | 400      | 475      | 464      | 12.75  | cps   |
| Neodymium  | 150-1 | 40       | 27       | 60       | 42       | 39.73  | cps   |
| Neodymium  | 150-2 | 13       | 23       | 20       | 19       | 26.96  | cps   |
| Nickel     | 60-2  | 10257    | 10080    | 10381    | 10239    | 1.47   | cps   |
| Phosphorus | 31-2  | 5868     | 5793     | 5776     | 5812     | 0.84   | cps   |
| Potassium  | 39-2  | 239400   | 240155   | 241304   | 240287   | 0.40   | cps   |
| Rhodium    | 103-1 | 11059342 | 11078311 | 11000644 | 11046099 | 0.37   | cps   |
| Rhodium    | 103-2 | 5584053  | 5390870  | 5442860  | 5472594  | 1.83   | cps   |
| Scandium   | 45-1  | 7639590  | 7584128  | 7776257  | 7666658  | 1.29   | cps   |
| Scandium   | 45-2  | 417891   | 396003   | 387651   | 400515   | 3.90   | cps   |
| Selenium   | 77-2  | 10       | 13       | 3        | 9        | 57.30  | cps   |
| Selenium   | 78-2  | 122      | 120      | 130      | 124      | 3.95   | cps   |
| Selenium   | 82-1  | 301      | 366      | 367      | 345      | 11.01  | cps   |
| Silicon    | 28-1  | 10494115 | 10329601 | 10279917 | 10367878 | 1.08   | cps   |
| Silver     | 109-1 | 225      | 208      | 208      | 214      | 4.50   | cps   |
| Silver     | 107-1 | 358      | 283      | 200      | 281      | 28.23  | cps   |
| Sodium     | 23-2  | 7351776  | 7282279  | 7335754  | 7323270  | 0.50   | cps   |
| Strontium  | 86-1  | 89142    | 87886    | 88630    | 88553    | 0.71   | cps   |
| Strontium  | 88-1  | 769195   | 757209   | 756765   | 761056   | 0.93   | cps   |
| Sulfur     | 34-1  | 819098   | 819896   | 822941   | 820645   | 0.25   | cps   |
| Terbium    | 159-1 | 14936323 | 14864860 | 14980332 | 14927171 | 0.39   | cps   |
| Terbium    | 159-2 | 8018824  | 7691344  | 7723578  | 7811248  | 2.31   | cps   |
| Thallium   | 203-1 | 250      | 217      | 267      | 244      | 10.41  | cps   |
| Thallium   | 205-1 | 592      | 558      | 675      | 608      | 9.88   | cps   |
| Tin        | 118-1 | 2709     | 2659     | 2784     | 2717     | 2.32   | cps   |
| Titanium   | 47-1  | 1584     | 1167     | 1167     | 1306     | 18.44  | cps   |
| Uranium    | 238-1 | 658      | 667      | 842      | 722      | 14.34  | cps   |
| Vanadium   | 51-2  | 310      | 300      | 327      | 312      | 4.32   | cps   |
| Yttrium    | 89-1  | 12326124 | 12193363 | 12289302 | 12269597 | 0.56   | cps   |
| Yttrium    | 89-2  | 2066607  | 1996012  | 2025901  | 2029507  | 1.75   | cps   |
| Zinc       | 66-2  | 676417   | 674089   | 677283   | 675929   | 0.24   | cps   |
| Zirconium  | 90-1  | 1633     | 1550     | 1625     | 1603     | 2.86   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-25-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:12:15   | DataFile Name :   | 144SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 400  | 308  | 336     | 16.51  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-02 Instrumnet Name : P7  
 Client Sample ID : DC24728-26-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:15:41 DataFile Name : 145SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1542     | 2009     | 1584     | 1712     | 15.10  | cps   |
| Antimony   | 121-1 | 583      | 592      | 542      | 572      | 4.68   | cps   |
| Arsenic    | 75-2  | 209      | 241      | 215      | 222      | 7.58   | cps   |
| Barium     | 135-1 | 55194    | 54014    | 54483    | 54564    | 1.09   | cps   |
| Barium     | 137-1 | 96198    | 95075    | 92777    | 94683    | 1.84   | cps   |
| Beryllium  | 9-1   | 50       | 28       | 22       | 33       | 44.10  | cps   |
| Bismuth    | 209-1 | 9121985  | 8995641  | 9238135  | 9118587  | 1.33   | cps   |
| Bismuth    | 209-2 | 5995058  | 5706413  | 5873771  | 5858414  | 2.47   | cps   |
| Boron      | 10-1  | 1759     | 1709     | 1717     | 1728     | 1.55   | cps   |
| Boron      | 11-1  | 9045     | 8861     | 9278     | 9061     | 2.31   | cps   |
| Cadmium    | 111-1 | 2869     | 2961     | 3095     | 2975     | 3.81   | cps   |
| Cadmium    | 106-1 | 4076     | 4226     | 4393     | 4231     | 3.75   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 25       | 15       | 56.79  | cps   |
| Calcium    | 43-1  | 247852   | 244326   | 243293   | 245157   | 0.98   | cps   |
| Calcium    | 44-1  | 4083534  | 4066748  | 4028232  | 4059505  | 0.70   | cps   |
| Chromium   | 52-2  | 1757     | 1863     | 1877     | 1832     | 3.59   | cps   |
| Cobalt     | 59-2  | 163      | 110      | 167      | 147      | 21.68  | cps   |
| Copper     | 63-2  | 469202   | 476863   | 469373   | 471813   | 0.93   | cps   |
| Dysprosium | 156-1 | 50       | 100      | 83       | 78       | 32.74  | cps   |
| Dysprosium | 156-2 | 7        | 30       | 53       | 30       | 77.77  | cps   |
| Erbium     | 164-1 | 142      | 150      | 75       | 122      | 33.64  | cps   |
| Erbium     | 164-2 | 30       | 60       | 57       | 49       | 33.63  | cps   |
| Gadolinium | 160-1 | 150      | 192      | 225      | 189      | 19.89  | cps   |
| Gadolinium | 160-2 | 187      | 173      | 177      | 179      | 3.88   | cps   |
| Holmium    | 165-1 | 14212274 | 14191226 | 14484574 | 14296024 | 1.14   | cps   |
| Holmium    | 165-2 | 7869561  | 7673812  | 7976001  | 7839791  | 1.96   | cps   |
| Indium     | 115-1 | 11560407 | 11507431 | 11566083 | 11544640 | 0.28   | cps   |
| Indium     | 115-2 | 2507618  | 2476522  | 2536495  | 2506878  | 1.20   | cps   |
| Iron       | 56-2  | 142673   | 140839   | 145693   | 143068   | 1.71   | cps   |
| Iron       | 57-2  | 4429     | 4306     | 4746     | 4494     | 5.05   | cps   |
| Lead       | 206-1 | 1806     | 1817     | 1817     | 1813     | 0.35   | cps   |
| Lead       | 207-1 | 1578     | 1672     | 1506     | 1585     | 5.27   | cps   |
| Lead       | 208-1 | 7240     | 7312     | 7090     | 7214     | 1.57   | cps   |
| Lithium    | 6-1   | 2001812  | 1980166  | 2014707  | 1998895  | 0.87   | cps   |
| Magnesium  | 24-2  | 427080   | 429308   | 428252   | 428213   | 0.26   | cps   |
| Manganese  | 55-2  | 25296    | 26075    | 25549    | 25640    | 1.55   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-26-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:15:41   | DataFile Name :   | 145SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 625      | 525      | 622      | 15.41  | cps   |
| Molybdenum | 95-1  | 275      | 383      | 317      | 325      | 16.81  | cps   |
| Molybdenum | 96-1  | 425      | 292      | 375      | 364      | 18.51  | cps   |
| Molybdenum | 97-1  | 292      | 217      | 175      | 228      | 25.96  | cps   |
| Molybdenum | 98-1  | 525      | 417      | 483      | 475      | 11.51  | cps   |
| Neodymium  | 150-1 | 47       | 60       | 33       | 47       | 28.58  | cps   |
| Neodymium  | 150-2 | 27       | 27       | 13       | 22       | 34.66  | cps   |
| Nickel     | 60-2  | 560      | 503      | 513      | 526      | 5.76   | cps   |
| Phosphorus | 31-2  | 6977     | 7110     | 7335     | 7141     | 2.54   | cps   |
| Potassium  | 39-2  | 241595   | 243356   | 243144   | 242698   | 0.40   | cps   |
| Rhodium    | 103-1 | 10923783 | 10817429 | 10959784 | 10900332 | 0.68   | cps   |
| Rhodium    | 103-2 | 5406775  | 5328856  | 5423869  | 5386500  | 0.94   | cps   |
| Scandium   | 45-1  | 7613481  | 7495886  | 7655599  | 7588322  | 1.09   | cps   |
| Scandium   | 45-2  | 398601   | 387428   | 388649   | 391560   | 1.57   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 98       | 113      | 104      | 7.39   | cps   |
| Selenium   | 82-1  | 293      | 134      | 281      | 236      | 37.42  | cps   |
| Silicon    | 28-1  | 8931538  | 8850866  | 8914503  | 8898969  | 0.48   | cps   |
| Silver     | 109-1 | 158      | 183      | 133      | 158      | 15.79  | cps   |
| Silver     | 107-1 | 192      | 200      | 158      | 183      | 12.03  | cps   |
| Sodium     | 23-2  | 7337247  | 7385269  | 7335791  | 7352769  | 0.38   | cps   |
| Strontium  | 86-1  | 83919    | 86779    | 84348    | 85015    | 1.81   | cps   |
| Strontium  | 88-1  | 747518   | 746853   | 736279   | 743550   | 0.85   | cps   |
| Sulfur     | 34-1  | 834337   | 835243   | 834229   | 834603   | 0.07   | cps   |
| Terbium    | 159-1 | 14885289 | 14657496 | 14912840 | 14818541 | 0.95   | cps   |
| Terbium    | 159-2 | 7837069  | 7677730  | 7936083  | 7816960  | 1.67   | cps   |
| Thallium   | 203-1 | 192      | 250      | 208      | 217      | 13.87  | cps   |
| Thallium   | 205-1 | 608      | 508      | 558      | 558      | 8.96   | cps   |
| Tin        | 118-1 | 433      | 675      | 600      | 569      | 21.72  | cps   |
| Titanium   | 47-1  | 1333     | 1701     | 1083     | 1372     | 22.62  | cps   |
| Uranium    | 238-1 | 550      | 583      | 483      | 539      | 9.45   | cps   |
| Vanadium   | 51-2  | 270      | 263      | 280      | 271      | 3.09   | cps   |
| Yttrium    | 89-1  | 12142091 | 12020020 | 12048815 | 12070309 | 0.53   | cps   |
| Yttrium    | 89-2  | 2017053  | 1973794  | 2029928  | 2006925  | 1.47   | cps   |
| Zinc       | 66-2  | 6872     | 7305     | 6895     | 7024     | 3.47   | cps   |
| Zirconium  | 90-1  | 1367     | 1417     | 1767     | 1517     | 14.38  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-26-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:15:41   | DataFile Name :   | 145SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 308  | 367  | 308     | 18.92  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:19:07 | DataFile Name :   | 146SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 725      | 592      | 583      | 633      | 12.55  | cps   |
| Antimony   | 121-1 | 108      | 150      | 150      | 136      | 17.67  | cps   |
| Arsenic    | 75-2  | 15       | 11       | 15       | 14       | 15.75  | cps   |
| Barium     | 135-1 | 50       | 117      | 58       | 75       | 48.43  | cps   |
| Barium     | 137-1 | 100      | 100      | 117      | 106      | 9.11   | cps   |
| Beryllium  | 9-1   | 11       | 28       | 39       | 26       | 53.93  | cps   |
| Bismuth    | 209-1 | 8764921  | 8727544  | 8863073  | 8785179  | 0.80   | cps   |
| Bismuth    | 209-2 | 5606815  | 5754646  | 5703290  | 5688250  | 1.32   | cps   |
| Boron      | 10-1  | 475      | 517      | 433      | 475      | 8.77   | cps   |
| Boron      | 11-1  | 1759     | 1775     | 2159     | 1897     | 11.93  | cps   |
| Cadmium    | 111-1 | 2852     | 2638     | 2903     | 2798     | 5.04   | cps   |
| Cadmium    | 106-1 | 4059     | 3742     | 4142     | 3981     | 5.30   | cps   |
| Cadmium    | 108-1 | 21       | 4        | 13       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 408      | 275      | 308      | 331      | 20.99  | cps   |
| Calcium    | 44-1  | 23386    | 24263    | 23728    | 23792    | 1.86   | cps   |
| Chromium   | 52-2  | 1954     | 1787     | 1873     | 1871     | 4.46   | cps   |
| Cobalt     | 59-2  | 73       | 77       | 73       | 74       | 2.59   | cps   |
| Copper     | 63-2  | 5378     | 5528     | 5521     | 5476     | 1.55   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 33       | 25       | 33.32  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 33       | 25       | 42       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 23       | 37       | 33       | 31       | 22.31  | cps   |
| Gadolinium | 160-1 | 125      | 92       | 158      | 125      | 26.67  | cps   |
| Gadolinium | 160-2 | 127      | 103      | 177      | 136      | 27.64  | cps   |
| Holmium    | 165-1 | 13532051 | 13374370 | 13624982 | 13510467 | 0.94   | cps   |
| Holmium    | 165-2 | 7495783  | 7661978  | 7649057  | 7602273  | 1.22   | cps   |
| Indium     | 115-1 | 10975513 | 10963787 | 11127358 | 11022219 | 0.83   | cps   |
| Indium     | 115-2 | 2403166  | 2473999  | 2452257  | 2443140  | 1.49   | cps   |
| Iron       | 56-2  | 9059     | 9259     | 9092     | 9136     | 1.17   | cps   |
| Iron       | 57-2  | 394      | 478      | 378      | 417      | 12.86  | cps   |
| Lead       | 206-1 | 5256211  | 5269765  | 5316354  | 5280777  | 0.60   | cps   |
| Lead       | 207-1 | 4705020  | 4702967  | 4757406  | 4721798  | 0.65   | cps   |
| Lead       | 208-1 | 21445450 | 21459382 | 21796197 | 21567009 | 0.92   | cps   |
| Lithium    | 6-1   | 1891235  | 1876987  | 1917525  | 1895249  | 1.09   | cps   |
| Magnesium  | 24-2  | 517      | 267      | 367      | 383      | 32.83  | cps   |
| Manganese  | 55-2  | 67       | 67       | 93       | 76       | 20.38  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:19:07 | DataFile Name :   | 146SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 325      | 317      | 275      | 306      | 8.77   | cps   |
| Molybdenum | 95-1  | 100      | 108      | 133      | 114      | 15.23  | cps   |
| Molybdenum | 96-1  | 225      | 167      | 183      | 192      | 15.68  | cps   |
| Molybdenum | 97-1  | 192      | 183      | 192      | 189      | 2.55   | cps   |
| Molybdenum | 98-1  | 158      | 217      | 150      | 175      | 20.76  | cps   |
| Neodymium  | 150-1 | 20       | 7        | 13       | 13       | 49.99  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 77       | 93       | 70       | 80       | 15.03  | cps   |
| Phosphorus | 31-2  | 217      | 108      | 217      | 181      | 34.64  | cps   |
| Potassium  | 39-2  | 63269    | 63662    | 63646    | 63526    | 0.35   | cps   |
| Rhodium    | 103-1 | 10232781 | 10274172 | 10549549 | 10352167 | 1.66   | cps   |
| Rhodium    | 103-2 | 5234746  | 5366654  | 5331292  | 5310897  | 1.29   | cps   |
| Scandium   | 45-1  | 7226053  | 7209290  | 7409145  | 7281496  | 1.52   | cps   |
| Scandium   | 45-2  | 376615   | 384805   | 388491   | 383304   | 1.59   | cps   |
| Selenium   | 77-2  | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 102      | 102      | 106      | 103      | 2.08   | cps   |
| Selenium   | 82-1  | 149      | 165      | 129      | 148      | 12.07  | cps   |
| Silicon    | 28-1  | 630694   | 624119   | 633445   | 629420   | 0.76   | cps   |
| Silver     | 109-1 | 133      | 67       | 142      | 114      | 36.09  | cps   |
| Silver     | 107-1 | 175      | 242      | 167      | 194      | 21.14  | cps   |
| Sodium     | 23-2  | 45010    | 44926    | 43940    | 44626    | 1.33   | cps   |
| Strontium  | 86-1  | 1942     | 1725     | 1817     | 1828     | 5.95   | cps   |
| Strontium  | 88-1  | 542      | 675      | 642      | 619      | 11.20  | cps   |
| Sulfur     | 34-1  | 776716   | 769988   | 777527   | 774744   | 0.53   | cps   |
| Terbium    | 159-1 | 14150284 | 13844079 | 14219988 | 14071450 | 1.42   | cps   |
| Terbium    | 159-2 | 7536889  | 7590897  | 7527459  | 7551748  | 0.45   | cps   |
| Thallium   | 203-1 | 267      | 192      | 267      | 242      | 17.92  | cps   |
| Thallium   | 205-1 | 600      | 508      | 600      | 569      | 9.29   | cps   |
| Tin        | 118-1 | 983      | 1000     | 1058     | 1014     | 3.88   | cps   |
| Titanium   | 47-1  | 250      | 242      | 250      | 247      | 1.95   | cps   |
| Uranium    | 238-1 | 275      | 283      | 283      | 281      | 1.71   | cps   |
| Vanadium   | 51-2  | 17       | 23       | 17       | 19       | 20.36  | cps   |
| Yttrium    | 89-1  | 11480112 | 11376222 | 11585444 | 11480592 | 0.91   | cps   |
| Yttrium    | 89-2  | 1928846  | 1965768  | 1957467  | 1950694  | 0.99   | cps   |
| Zinc       | 66-2  | 280      | 267      | 310      | 286      | 7.77   | cps   |
| Zirconium  | 90-1  | 658      | 692      | 758      | 703      | 7.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:19:07 | DataFile Name :   | 146SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 142  | 192  | 144     | 31.78  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:22:33 | DataFile Name :   | 147SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 217      | 192      | 158      | 189      | 15.49  | cps   |
| Antimony   | 121-1 | 108      | 42       | 58       | 69       | 49.96  | cps   |
| Arsenic    | 75-2  | 11       | 7        | 13       | 10       | 26.93  | cps   |
| Barium     | 135-1 | 67       | 83       | 100      | 83       | 20.00  | cps   |
| Barium     | 137-1 | 150      | 183      | 175      | 169      | 10.24  | cps   |
| Beryllium  | 9-1   | 50       | 11       | 11       | 24       | 93.27  | cps   |
| Bismuth    | 209-1 | 8947611  | 8848815  | 8767456  | 8854627  | 1.02   | cps   |
| Bismuth    | 209-2 | 5583613  | 5861982  | 5838386  | 5761327  | 2.68   | cps   |
| Boron      | 10-1  | 217      | 208      | 300      | 242      | 20.98  | cps   |
| Boron      | 11-1  | 1408     | 1325     | 1417     | 1383     | 3.66   | cps   |
| Cadmium    | 111-1 | 2790     | 2846     | 2783     | 2806     | 1.24   | cps   |
| Cadmium    | 106-1 | 3984     | 4051     | 3976     | 4003     | 1.03   | cps   |
| Cadmium    | 108-1 | 4        | 8        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 633      | 683      | 592      | 636      | 7.22   | cps   |
| Calcium    | 44-1  | 26759    | 28362    | 26901    | 27340    | 3.25   | cps   |
| Chromium   | 52-2  | 1943     | 1823     | 1673     | 1813     | 7.46   | cps   |
| Cobalt     | 59-2  | 63       | 60       | 77       | 67       | 13.23  | cps   |
| Copper     | 63-2  | 1847     | 1753     | 1857     | 1819     | 3.13   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 7        | 13       | 3        | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Erbium     | 164-2 | 30       | 27       | 23       | 27       | 12.51  | cps   |
| Gadolinium | 160-1 | 75       | 100      | 150      | 108      | 35.25  | cps   |
| Gadolinium | 160-2 | 97       | 157      | 110      | 121      | 26.01  | cps   |
| Holmium    | 165-1 | 13737766 | 13599906 | 13374934 | 13570869 | 1.35   | cps   |
| Holmium    | 165-2 | 7522083  | 7741955  | 7663945  | 7642661  | 1.46   | cps   |
| Indium     | 115-1 | 11161594 | 11116423 | 11001368 | 11093128 | 0.74   | cps   |
| Indium     | 115-2 | 2405296  | 2486929  | 2478980  | 2457068  | 1.83   | cps   |
| Iron       | 56-2  | 8425     | 8203     | 8886     | 8505     | 4.10   | cps   |
| Iron       | 57-2  | 456      | 361      | 411      | 409      | 11.54  | cps   |
| Lead       | 206-1 | 1711     | 1667     | 1728     | 1702     | 1.86   | cps   |
| Lead       | 207-1 | 1483     | 1572     | 1272     | 1443     | 10.68  | cps   |
| Lead       | 208-1 | 6429     | 6740     | 6367     | 6512     | 3.07   | cps   |
| Lithium    | 6-1   | 1922155  | 1904150  | 1890534  | 1905613  | 0.83   | cps   |
| Magnesium  | 24-2  | 267      | 425      | 358      | 350      | 22.71  | cps   |
| Manganese  | 55-2  | 193      | 167      | 180      | 180      | 7.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:22:33 | DataFile Name :   | 147SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 400      | 225      | 225      | 283      | 35.66  | cps   |
| Molybdenum | 95-1  | 33       | 33       | 50       | 39       | 24.75  | cps   |
| Molybdenum | 96-1  | 58       | 100      | 125      | 94       | 35.66  | cps   |
| Molybdenum | 97-1  | 150      | 100      | 133      | 128      | 19.93  | cps   |
| Molybdenum | 98-1  | 75       | 42       | 75       | 64       | 30.12  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 73       | 100      | 60       | 78       | 26.19  | cps   |
| Phosphorus | 31-2  | 192      | 258      | 258      | 236      | 16.30  | cps   |
| Potassium  | 39-2  | 60867    | 62842    | 63068    | 62259    | 1.94   | cps   |
| Rhodium    | 103-1 | 10603897 | 10472219 | 10459067 | 10511728 | 0.76   | cps   |
| Rhodium    | 103-2 | 5218692  | 5392252  | 5358270  | 5323071  | 1.73   | cps   |
| Scandium   | 45-1  | 7389383  | 7259016  | 7263378  | 7303925  | 1.01   | cps   |
| Scandium   | 45-2  | 375735   | 395705   | 397298   | 389579   | 3.08   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 135      | 104      | 111      | 117      | 14.11  | cps   |
| Selenium   | 82-1  | 98       | 95       | 150      | 114      | 27.06  | cps   |
| Silicon    | 28-1  | 617595   | 618309   | 616523   | 617476   | 0.15   | cps   |
| Silver     | 109-1 | 167      | 58       | 100      | 108      | 50.44  | cps   |
| Silver     | 107-1 | 167      | 75       | 150      | 131      | 37.40  | cps   |
| Sodium     | 23-2  | 43840    | 43196    | 43882    | 43639    | 0.88   | cps   |
| Strontium  | 86-1  | 1634     | 1650     | 1608     | 1631     | 1.29   | cps   |
| Strontium  | 88-1  | 783      | 717      | 717      | 739      | 5.21   | cps   |
| Sulfur     | 34-1  | 774729   | 773340   | 770811   | 772960   | 0.26   | cps   |
| Terbium    | 159-1 | 14115534 | 14187127 | 14191131 | 14164598 | 0.30   | cps   |
| Terbium    | 159-2 | 7376623  | 7733079  | 7652231  | 7587311  | 2.46   | cps   |
| Thallium   | 203-1 | 167      | 158      | 125      | 150      | 14.70  | cps   |
| Thallium   | 205-1 | 292      | 375      | 333      | 333      | 12.50  | cps   |
| Tin        | 118-1 | 1392     | 1350     | 1292     | 1345     | 3.74   | cps   |
| Titanium   | 47-1  | 308      | 242      | 192      | 247      | 23.67  | cps   |
| Uranium    | 238-1 | 25       | 92       | 83       | 67       | 54.49  | cps   |
| Vanadium   | 51-2  | 23       | 30       | 20       | 24       | 20.83  | cps   |
| Yttrium    | 89-1  | 11710446 | 11574531 | 11490361 | 11591780 | 0.96   | cps   |
| Yttrium    | 89-2  | 1924986  | 2000493  | 1976433  | 1967304  | 1.96   | cps   |
| Zinc       | 66-2  | 457      | 503      | 460      | 473      | 5.50   | cps   |
| Zirconium  | 90-1  | 650      | 692      | 550      | 631      | 11.55  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:22:33 | DataFile Name :   | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 167  | 142  | 150     | 9.62   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-27-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:26:00 DataFile Name : 148SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4552     | 4293     | 5735     | 4860     | 15.82  | cps   |
| Antimony   | 121-1 | 1458     | 1333     | 1475     | 1422     | 5.44   | cps   |
| Arsenic    | 75-2  | 167      | 159      | 159      | 162      | 2.65   | cps   |
| Barium     | 135-1 | 58508    | 58231    | 58700    | 58479    | 0.40   | cps   |
| Barium     | 137-1 | 103803   | 102527   | 100613   | 102314   | 1.57   | cps   |
| Beryllium  | 9-1   | 67       | 17       | 22       | 35       | 77.89  | cps   |
| Bismuth    | 209-1 | 9280448  | 9120396  | 9188978  | 9196607  | 0.87   | cps   |
| Bismuth    | 209-2 | 5955922  | 6067059  | 5791462  | 5938148  | 2.33   | cps   |
| Boron      | 10-1  | 2067     | 2059     | 1650     | 1925     | 12.37  | cps   |
| Boron      | 11-1  | 9153     | 9153     | 9203     | 9170     | 0.31   | cps   |
| Cadmium    | 111-1 | 3686     | 3688     | 3769     | 3714     | 1.27   | cps   |
| Cadmium    | 106-1 | 4476     | 4326     | 4493     | 4431     | 2.07   | cps   |
| Cadmium    | 108-1 | 67       | 88       | 121      | 92       | 29.81  | cps   |
| Calcium    | 43-1  | 258422   | 256839   | 256752   | 257338   | 0.37   | cps   |
| Calcium    | 44-1  | 4271876  | 4209528  | 4245383  | 4242262  | 0.74   | cps   |
| Chromium   | 52-2  | 1767     | 1850     | 1767     | 1795     | 2.68   | cps   |
| Cobalt     | 59-2  | 1313     | 1360     | 1323     | 1332     | 1.84   | cps   |
| Copper     | 63-2  | 1911436  | 1911721  | 1925702  | 1916286  | 0.43   | cps   |
| Dysprosium | 156-1 | 25       | 92       | 100      | 72       | 56.92  | cps   |
| Dysprosium | 156-2 | 37       | 43       | 40       | 40       | 8.32   | cps   |
| Erbium     | 164-1 | 125      | 75       | 83       | 94       | 28.37  | cps   |
| Erbium     | 164-2 | 60       | 37       | 70       | 56       | 30.79  | cps   |
| Gadolinium | 160-1 | 167      | 183      | 192      | 181      | 7.05   | cps   |
| Gadolinium | 160-2 | 140      | 137      | 180      | 152      | 15.84  | cps   |
| Holmium    | 165-1 | 14497154 | 14243927 | 14155263 | 14298781 | 1.24   | cps   |
| Holmium    | 165-2 | 7908814  | 8043095  | 7762881  | 7904930  | 1.77   | cps   |
| Indium     | 115-1 | 11853963 | 11544461 | 11623991 | 11674138 | 1.38   | cps   |
| Indium     | 115-2 | 2576495  | 2587414  | 2533960  | 2565957  | 1.10   | cps   |
| Iron       | 56-2  | 127389   | 127892   | 120609   | 125297   | 3.25   | cps   |
| Iron       | 57-2  | 3817     | 3673     | 3706     | 3732     | 2.03   | cps   |
| Lead       | 206-1 | 157314   | 152015   | 156094   | 155141   | 1.79   | cps   |
| Lead       | 207-1 | 127883   | 126258   | 127002   | 127047   | 0.64   | cps   |
| Lead       | 208-1 | 597395   | 585830   | 600921   | 594716   | 1.33   | cps   |
| Lithium    | 6-1   | 2054162  | 1978810  | 2010215  | 2014396  | 1.88   | cps   |
| Magnesium  | 24-2  | 466266   | 470837   | 471902   | 469668   | 0.64   | cps   |
| Manganese  | 55-2  | 45352    | 44960    | 45092    | 45134    | 0.44   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-03 Instrumnet Name : P7  
 Client Sample ID : DC24728-27-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:26:00 DataFile Name : 148SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 725      | 675      | 706      | 3.80   | cps   |
| Molybdenum | 95-1  | 308      | 350      | 283      | 314      | 10.73  | cps   |
| Molybdenum | 96-1  | 292      | 358      | 483      | 378      | 25.76  | cps   |
| Molybdenum | 97-1  | 225      | 267      | 258      | 250      | 8.82   | cps   |
| Molybdenum | 98-1  | 617      | 500      | 467      | 528      | 14.92  | cps   |
| Neodymium  | 150-1 | 47       | 33       | 73       | 51       | 39.86  | cps   |
| Neodymium  | 150-2 | 37       | 10       | 27       | 24       | 55.11  | cps   |
| Nickel     | 60-2  | 163240   | 161923   | 164746   | 163303   | 0.87   | cps   |
| Phosphorus | 31-2  | 5268     | 5293     | 5726     | 5429     | 4.75   | cps   |
| Potassium  | 39-2  | 268055   | 268327   | 268480   | 268287   | 0.08   | cps   |
| Rhodium    | 103-1 | 11104828 | 11009864 | 10954741 | 11023144 | 0.69   | cps   |
| Rhodium    | 103-2 | 5507278  | 5615531  | 5416743  | 5513184  | 1.81   | cps   |
| Scandium   | 45-1  | 7804228  | 7611188  | 7681062  | 7698826  | 1.27   | cps   |
| Scandium   | 45-2  | 403360   | 410116   | 401237   | 404904   | 1.15   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 117      | 100      | 137      | 118      | 15.73  | cps   |
| Selenium   | 82-1  | 237      | 254      | 202      | 231      | 11.41  | cps   |
| Silicon    | 28-1  | 9051081  | 8924669  | 9733751  | 9236501  | 4.71   | cps   |
| Silver     | 109-1 | 1527     | 783      | 808      | 1040     | 40.62  | cps   |
| Silver     | 107-1 | 2727     | 817      | 833      | 1459     | 75.25  | cps   |
| Sodium     | 23-2  | 7525134  | 7561840  | 7552142  | 7546372  | 0.25   | cps   |
| Strontium  | 86-1  | 90603    | 90720    | 90945    | 90756    | 0.19   | cps   |
| Strontium  | 88-1  | 783965   | 769820   | 775672   | 776486   | 0.92   | cps   |
| Sulfur     | 34-1  | 842272   | 843167   | 851037   | 845492   | 0.57   | cps   |
| Terbium    | 159-1 | 15076346 | 14831298 | 14989947 | 14965864 | 0.83   | cps   |
| Terbium    | 159-2 | 7983959  | 7874589  | 7816649  | 7891732  | 1.08   | cps   |
| Thallium   | 203-1 | 300      | 250      | 267      | 272      | 9.35   | cps   |
| Thallium   | 205-1 | 733      | 650      | 567      | 650      | 12.82  | cps   |
| Tin        | 118-1 | 3342     | 3317     | 3251     | 3303     | 1.43   | cps   |
| Titanium   | 47-1  | 1392     | 1258     | 1142     | 1264     | 9.90   | cps   |
| Uranium    | 238-1 | 500      | 500      | 392      | 464      | 13.48  | cps   |
| Vanadium   | 51-2  | 233      | 263      | 233      | 243      | 7.12   | cps   |
| Yttrium    | 89-1  | 12366965 | 12168107 | 12119632 | 12218235 | 1.07   | cps   |
| Yttrium    | 89-2  | 2058883  | 2093724  | 2017283  | 2056630  | 1.86   | cps   |
| Zinc       | 66-2  | 750968   | 754059   | 759427   | 754818   | 0.57   | cps   |
| Zirconium  | 90-1  | 1767     | 1600     | 1500     | 1622     | 8.30   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-27-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:26:00   | DataFile Name :   | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 292  | 400  | 333     | 17.50  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-04 Instrumnet Name : P7  
 Client Sample ID : DC24728-28-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:29:26 DataFile Name : 149SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2225     | 2192     | 2500     | 2306     | 7.34   | cps   |
| Antimony   | 121-1 | 950      | 733      | 825      | 836      | 13.01  | cps   |
| Arsenic    | 75-2  | 213      | 196      | 204      | 204      | 4.09   | cps   |
| Barium     | 135-1 | 53210    | 55052    | 53855    | 54039    | 1.73   | cps   |
| Barium     | 137-1 | 92775    | 91835    | 93438    | 92683    | 0.87   | cps   |
| Beryllium  | 9-1   | 22       | 28       | 33       | 28       | 20.00  | cps   |
| Bismuth    | 209-1 | 9230407  | 9332265  | 9371032  | 9311234  | 0.78   | cps   |
| Bismuth    | 209-2 | 5676725  | 5979933  | 5967960  | 5874873  | 2.92   | cps   |
| Boron      | 10-1  | 1859     | 1859     | 1959     | 1892     | 3.05   | cps   |
| Boron      | 11-1  | 8561     | 8278     | 8728     | 8522     | 2.67   | cps   |
| Cadmium    | 111-1 | 2996     | 2840     | 2812     | 2883     | 3.44   | cps   |
| Cadmium    | 106-1 | 4176     | 4009     | 3967     | 4051     | 2.72   | cps   |
| Cadmium    | 108-1 | 21       | 29       | 33       | 28       | 22.92  | cps   |
| Calcium    | 43-1  | 244464   | 245261   | 244294   | 244673   | 0.21   | cps   |
| Calcium    | 44-1  | 4106609  | 4081621  | 4017375  | 4068535  | 1.13   | cps   |
| Chromium   | 52-2  | 1827     | 1767     | 1733     | 1776     | 2.66   | cps   |
| Cobalt     | 59-2  | 193      | 197      | 230      | 207      | 9.81   | cps   |
| Copper     | 63-2  | 853975   | 864162   | 859691   | 859276   | 0.59   | cps   |
| Dysprosium | 156-1 | 92       | 58       | 92       | 81       | 23.89  | cps   |
| Dysprosium | 156-2 | 37       | 27       | 37       | 33       | 17.32  | cps   |
| Erbium     | 164-1 | 133      | 100      | 200      | 144      | 35.25  | cps   |
| Erbium     | 164-2 | 50       | 50       | 70       | 57       | 20.38  | cps   |
| Gadolinium | 160-1 | 283      | 192      | 233      | 236      | 19.44  | cps   |
| Gadolinium | 160-2 | 150      | 130      | 197      | 159      | 21.53  | cps   |
| Holmium    | 165-1 | 14383285 | 14465393 | 14575268 | 14474649 | 0.67   | cps   |
| Holmium    | 165-2 | 7845148  | 7807939  | 8069542  | 7907543  | 1.79   | cps   |
| Indium     | 115-1 | 11756624 | 11666929 | 11837032 | 11753529 | 0.72   | cps   |
| Indium     | 115-2 | 2497345  | 2568828  | 2529468  | 2531880  | 1.41   | cps   |
| Iron       | 56-2  | 119536   | 109083   | 107567   | 112062   | 5.82   | cps   |
| Iron       | 57-2  | 3534     | 3924     | 4174     | 3877     | 8.32   | cps   |
| Lead       | 206-1 | 6652     | 6685     | 6535     | 6624     | 1.19   | cps   |
| Lead       | 207-1 | 5607     | 5374     | 5607     | 5529     | 2.44   | cps   |
| Lead       | 208-1 | 26317    | 25649    | 25888    | 25951    | 1.30   | cps   |
| Lithium    | 6-1   | 2006889  | 2010782  | 2010090  | 2009254  | 0.10   | cps   |
| Magnesium  | 24-2  | 424880   | 431112   | 427413   | 427801   | 0.73   | cps   |
| Manganese  | 55-2  | 23786    | 25510    | 24417    | 24571    | 3.55   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-04 Instrumnet Name : P7  
 Client Sample ID : DC24728-28-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:29:26 DataFile Name : 149SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 808      | 733      | 758      | 767      | 4.98   | cps   |
| Molybdenum | 95-1  | 183      | 258      | 300      | 247      | 23.92  | cps   |
| Molybdenum | 96-1  | 450      | 342      | 400      | 397      | 13.65  | cps   |
| Molybdenum | 97-1  | 242      | 217      | 317      | 258      | 20.15  | cps   |
| Molybdenum | 98-1  | 500      | 358      | 533      | 464      | 20.03  | cps   |
| Neodymium  | 150-1 | 40       | 53       | 40       | 44       | 17.33  | cps   |
| Neodymium  | 150-2 | 27       | 33       | 20       | 27       | 24.99  | cps   |
| Nickel     | 60-2  | 6972     | 6955     | 6582     | 6836     | 3.23   | cps   |
| Phosphorus | 31-2  | 6819     | 7144     | 6777     | 6913     | 2.91   | cps   |
| Potassium  | 39-2  | 243092   | 243449   | 244499   | 243680   | 0.30   | cps   |
| Rhodium    | 103-1 | 10924424 | 11058935 | 11185693 | 11056351 | 1.18   | cps   |
| Rhodium    | 103-2 | 5382154  | 5510652  | 5454509  | 5449105  | 1.18   | cps   |
| Scandium   | 45-1  | 7623613  | 7671285  | 7724694  | 7673198  | 0.66   | cps   |
| Scandium   | 45-2  | 387206   | 406059   | 392112   | 395126   | 2.48   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 117      | 83       | 122      | 107      | 19.58  | cps   |
| Selenium   | 82-1  | 38       | 341      | 194      | 191      | 79.13  | cps   |
| Silicon    | 28-1  | 9048508  | 9356068  | 8766249  | 9056942  | 3.26   | cps   |
| Silver     | 109-1 | 383      | 392      | 242      | 339      | 24.88  | cps   |
| Silver     | 107-1 | 358      | 367      | 425      | 383      | 9.48   | cps   |
| Sodium     | 23-2  | 7345979  | 7372175  | 7372402  | 7363519  | 0.21   | cps   |
| Strontium  | 86-1  | 86870    | 86150    | 85907    | 86309    | 0.58   | cps   |
| Strontium  | 88-1  | 752848   | 740628   | 734644   | 742707   | 1.25   | cps   |
| Sulfur     | 34-1  | 814632   | 817187   | 816090   | 815970   | 0.16   | cps   |
| Terbium    | 159-1 | 15062360 | 14923211 | 15114679 | 15033417 | 0.66   | cps   |
| Terbium    | 159-2 | 7913759  | 8016039  | 7897269  | 7942356  | 0.81   | cps   |
| Thallium   | 203-1 | 292      | 258      | 258      | 269      | 7.14   | cps   |
| Thallium   | 205-1 | 608      | 442      | 550      | 533      | 15.86  | cps   |
| Tin        | 118-1 | 808      | 825      | 658      | 764      | 12.02  | cps   |
| Titanium   | 47-1  | 1475     | 1333     | 1200     | 1336     | 10.30  | cps   |
| Uranium    | 238-1 | 525      | 383      | 483      | 464      | 15.70  | cps   |
| Vanadium   | 51-2  | 290      | 280      | 270      | 280      | 3.57   | cps   |
| Yttrium    | 89-1  | 12231041 | 12291321 | 12282034 | 12268132 | 0.26   | cps   |
| Yttrium    | 89-2  | 2008622  | 2045799  | 2048104  | 2034175  | 1.09   | cps   |
| Zinc       | 66-2  | 46480    | 47099    | 45645    | 46408    | 1.57   | cps   |
| Zirconium  | 90-1  | 1367     | 1408     | 1300     | 1358     | 4.02   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89381               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-28-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:29:26   | DataFile Name :   | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 375  | 333  | 331     | 13.89  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-05 Instrumnet Name : P7  
 Client Sample ID : DC24728-29-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:32:52 DataFile Name : 150SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1667     | 1217     | 1158     | 1347     | 20.65  | cps   |
| Antimony   | 121-1 | 1008     | 1025     | 1017     | 1017     | 0.82   | cps   |
| Arsenic    | 75-2  | 169      | 176      | 211      | 185      | 12.29  | cps   |
| Barium     | 135-1 | 58038    | 57201    | 55713    | 56984    | 2.07   | cps   |
| Barium     | 137-1 | 101252   | 97885    | 99212    | 99450    | 1.71   | cps   |
| Beryllium  | 9-1   | 33       | 17       | 67       | 39       | 65.47  | cps   |
| Bismuth    | 209-1 | 9352029  | 9217520  | 9262426  | 9277325  | 0.74   | cps   |
| Bismuth    | 209-2 | 5909391  | 6112716  | 6014052  | 6012053  | 1.69   | cps   |
| Boron      | 10-1  | 1959     | 1900     | 1942     | 1934     | 1.55   | cps   |
| Boron      | 11-1  | 8861     | 9278     | 9378     | 9173     | 2.99   | cps   |
| Cadmium    | 111-1 | 2712     | 2841     | 2929     | 2828     | 3.86   | cps   |
| Cadmium    | 106-1 | 3751     | 3984     | 4101     | 3945     | 4.52   | cps   |
| Cadmium    | 108-1 | 25       | 50       | 29       | 35       | 38.57  | cps   |
| Calcium    | 43-1  | 244585   | 242320   | 247827   | 244911   | 1.13   | cps   |
| Calcium    | 44-1  | 4075454  | 4075920  | 4046705  | 4066026  | 0.41   | cps   |
| Chromium   | 52-2  | 1807     | 1907     | 1994     | 1902     | 4.91   | cps   |
| Cobalt     | 59-2  | 260      | 293      | 197      | 250      | 19.64  | cps   |
| Copper     | 63-2  | 1255842  | 1259413  | 1265237  | 1260164  | 0.38   | cps   |
| Dysprosium | 156-1 | 67       | 33       | 75       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 40       | 40       | 30       | 37       | 15.75  | cps   |
| Erbium     | 164-1 | 100      | 67       | 133      | 100      | 33.33  | cps   |
| Erbium     | 164-2 | 80       | 60       | 53       | 64       | 21.54  | cps   |
| Gadolinium | 160-1 | 208      | 208      | 150      | 189      | 17.83  | cps   |
| Gadolinium | 160-2 | 147      | 163      | 223      | 178      | 22.68  | cps   |
| Holmium    | 165-1 | 14527787 | 14434716 | 14199790 | 14387431 | 1.17   | cps   |
| Holmium    | 165-2 | 7889273  | 8103923  | 7952236  | 7981811  | 1.38   | cps   |
| Indium     | 115-1 | 11872928 | 11708623 | 11547572 | 11709708 | 1.39   | cps   |
| Indium     | 115-2 | 2567621  | 2594901  | 2562424  | 2574982  | 0.68   | cps   |
| Iron       | 56-2  | 94362    | 90269    | 146189   | 110274   | 28.27  | cps   |
| Iron       | 57-2  | 3367     | 3023     | 3089     | 3160     | 5.78   | cps   |
| Lead       | 206-1 | 13212    | 13140    | 12879    | 13077    | 1.34   | cps   |
| Lead       | 207-1 | 11133    | 10960    | 10738    | 10944    | 1.81   | cps   |
| Lead       | 208-1 | 51546    | 50249    | 50005    | 50600    | 1.64   | cps   |
| Lithium    | 6-1   | 1984276  | 1971145  | 1967778  | 1974400  | 0.44   | cps   |
| Magnesium  | 24-2  | 440205   | 443980   | 437448   | 440545   | 0.74   | cps   |
| Manganese  | 55-2  | 34537    | 34203    | 33532    | 34091    | 1.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-29-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:32:52  | DataFile Name :   | 150SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 650      | 692      | 492      | 611      | 17.27  | cps   |
| Molybdenum | 95-1  | 275      | 408      | 300      | 328      | 21.62  | cps   |
| Molybdenum | 96-1  | 533      | 483      | 333      | 450      | 23.13  | cps   |
| Molybdenum | 97-1  | 367      | 250      | 150      | 256      | 42.43  | cps   |
| Molybdenum | 98-1  | 358      | 517      | 367      | 414      | 21.53  | cps   |
| Neodymium  | 150-1 | 47       | 47       | 47       | 47       | 0.00   | cps   |
| Neodymium  | 150-2 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Nickel     | 60-2  | 5294     | 5418     | 5034     | 5249     | 3.73   | cps   |
| Phosphorus | 31-2  | 5768     | 6193     | 6543     | 6168     | 6.30   | cps   |
| Potassium  | 39-2  | 248515   | 250904   | 250032   | 249817   | 0.48   | cps   |
| Rhodium    | 103-1 | 10985140 | 10958459 | 11016587 | 10986729 | 0.26   | cps   |
| Rhodium    | 103-2 | 5532052  | 5592631  | 5488216  | 5537633  | 0.95   | cps   |
| Scandium   | 45-1  | 7715257  | 7636974  | 7654018  | 7668750  | 0.54   | cps   |
| Scandium   | 45-2  | 406372   | 408542   | 407183   | 407366   | 0.27   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 111      | 141      | 98       | 117      | 18.71  | cps   |
| Selenium   | 82-1  | 194      | 252      | 123      | 190      | 34.15  | cps   |
| Silicon    | 28-1  | 8977450  | 9163269  | 8995248  | 9045322  | 1.13   | cps   |
| Silver     | 109-1 | 642      | 592      | 550      | 594      | 7.72   | cps   |
| Silver     | 107-1 | 675      | 567      | 725      | 656      | 12.35  | cps   |
| Sodium     | 23-2  | 7462319  | 7538477  | 7441459  | 7480752  | 0.68   | cps   |
| Strontium  | 86-1  | 87265    | 85245    | 87340    | 86617    | 1.37   | cps   |
| Strontium  | 88-1  | 743160   | 747673   | 736774   | 742536   | 0.74   | cps   |
| Sulfur     | 34-1  | 817003   | 813911   | 804976   | 811963   | 0.77   | cps   |
| Terbium    | 159-1 | 15116890 | 14977990 | 14665936 | 14920272 | 1.55   | cps   |
| Terbium    | 159-2 | 7887996  | 7994818  | 7981830  | 7954881  | 0.73   | cps   |
| Thallium   | 203-1 | 250      | 250      | 283      | 261      | 7.37   | cps   |
| Thallium   | 205-1 | 633      | 575      | 658      | 622      | 6.87   | cps   |
| Tin        | 118-1 | 567      | 750      | 717      | 678      | 14.41  | cps   |
| Titanium   | 47-1  | 933      | 1142     | 1042     | 1039     | 10.03  | cps   |
| Uranium    | 238-1 | 467      | 342      | 417      | 408      | 15.41  | cps   |
| Vanadium   | 51-2  | 273      | 263      | 297      | 278      | 6.16   | cps   |
| Yttrium    | 89-1  | 12323663 | 12324778 | 12221792 | 12290078 | 0.48   | cps   |
| Yttrium    | 89-2  | 2052411  | 2096882  | 2061881  | 2070391  | 1.13   | cps   |
| Zinc       | 66-2  | 427369   | 434030   | 430052   | 430484   | 0.78   | cps   |
| Zirconium  | 90-1  | 1609     | 1442     | 1192     | 1414     | 14.83  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-29-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:32:52  | DataFile Name :   | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 483  | 367  | 333  | 394     | 19.97  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-06 Instrumnet Name : P7  
 Client Sample ID : DC24728-30-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:36:18 DataFile Name : 151SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1017     | 1083     | 1718     | 1273     | 30.42  | cps   |
| Antimony   | 121-1 | 717      | 617      | 708      | 681      | 8.15   | cps   |
| Arsenic    | 75-2  | 200      | 219      | 237      | 219      | 8.48   | cps   |
| Barium     | 135-1 | 54868    | 54592    | 53671    | 54377    | 1.15   | cps   |
| Barium     | 137-1 | 93295    | 94672    | 95436    | 94468    | 1.15   | cps   |
| Beryllium  | 9-1   | 39       | 39       | 39       | 39       | 0.00   | cps   |
| Bismuth    | 209-1 | 9072949  | 9183272  | 9241751  | 9165991  | 0.94   | cps   |
| Bismuth    | 209-2 | 5905641  | 6096798  | 6037996  | 6013479  | 1.63   | cps   |
| Boron      | 10-1  | 1658     | 1592     | 1725     | 1658     | 4.02   | cps   |
| Boron      | 11-1  | 7911     | 8511     | 8928     | 8450     | 6.05   | cps   |
| Cadmium    | 111-1 | 2818     | 2835     | 2568     | 2740     | 5.47   | cps   |
| Cadmium    | 106-1 | 4017     | 4051     | 3642     | 3904     | 5.81   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 4        | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 243200   | 241855   | 238486   | 241180   | 1.01   | cps   |
| Calcium    | 44-1  | 3993943  | 3989108  | 3973813  | 3985621  | 0.26   | cps   |
| Chromium   | 52-2  | 1777     | 1843     | 1697     | 1772     | 4.14   | cps   |
| Cobalt     | 59-2  | 163      | 180      | 137      | 160      | 13.66  | cps   |
| Copper     | 63-2  | 731903   | 729965   | 722649   | 728172   | 0.67   | cps   |
| Dysprosium | 156-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Dysprosium | 156-2 | 43       | 23       | 43       | 37       | 31.49  | cps   |
| Erbium     | 164-1 | 108      | 75       | 75       | 86       | 22.35  | cps   |
| Erbium     | 164-2 | 50       | 43       | 33       | 42       | 19.87  | cps   |
| Gadolinium | 160-1 | 183      | 167      | 108      | 153      | 25.78  | cps   |
| Gadolinium | 160-2 | 130      | 203      | 160      | 164      | 22.42  | cps   |
| Holmium    | 165-1 | 14236481 | 14331679 | 14168376 | 14245512 | 0.58   | cps   |
| Holmium    | 165-2 | 7852502  | 8134827  | 7979674  | 7989001  | 1.77   | cps   |
| Indium     | 115-1 | 11557617 | 11649838 | 11456924 | 11554793 | 0.84   | cps   |
| Indium     | 115-2 | 2550930  | 2558035  | 2548447  | 2552471  | 0.19   | cps   |
| Iron       | 56-2  | 119767   | 118828   | 113674   | 117423   | 2.79   | cps   |
| Iron       | 57-2  | 3667     | 3917     | 3495     | 3693     | 5.75   | cps   |
| Lead       | 206-1 | 2156     | 2011     | 2117     | 2095     | 3.57   | cps   |
| Lead       | 207-1 | 1884     | 1889     | 1684     | 1819     | 6.44   | cps   |
| Lead       | 208-1 | 8285     | 8146     | 7851     | 8094     | 2.73   | cps   |
| Lithium    | 6-1   | 1924540  | 1972850  | 1938709  | 1945366  | 1.28   | cps   |
| Magnesium  | 24-2  | 428214   | 426230   | 421622   | 425355   | 0.80   | cps   |
| Manganese  | 55-2  | 20905    | 21152    | 22375    | 21477    | 3.66   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-06 Instrumnet Name : P7  
 Client Sample ID : DC24728-30-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:36:18 DataFile Name : 151SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 817      | 608      | 575      | 667      | 19.66  | cps   |
| Molybdenum | 95-1  | 250      | 283      | 267      | 267      | 6.25   | cps   |
| Molybdenum | 96-1  | 383      | 442      | 358      | 394      | 10.84  | cps   |
| Molybdenum | 97-1  | 283      | 250      | 250      | 261      | 7.37   | cps   |
| Molybdenum | 98-1  | 425      | 383      | 658      | 489      | 30.32  | cps   |
| Neodymium  | 150-1 | 47       | 133      | 60       | 80       | 58.34  | cps   |
| Neodymium  | 150-2 | 33       | 13       | 13       | 20       | 57.74  | cps   |
| Nickel     | 60-2  | 510      | 633      | 583      | 576      | 10.78  | cps   |
| Phosphorus | 31-2  | 6577     | 6994     | 6752     | 6774     | 3.09   | cps   |
| Potassium  | 39-2  | 242228   | 243517   | 239926   | 241890   | 0.75   | cps   |
| Rhodium    | 103-1 | 10876637 | 10826322 | 10908431 | 10870463 | 0.38   | cps   |
| Rhodium    | 103-2 | 5479042  | 5551631  | 5489093  | 5506589  | 0.71   | cps   |
| Scandium   | 45-1  | 7507003  | 7580503  | 7555694  | 7547733  | 0.50   | cps   |
| Scandium   | 45-2  | 400429   | 406556   | 407089   | 404691   | 0.91   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 96       | 107      | 133      | 112      | 16.92  | cps   |
| Selenium   | 82-1  | 228      | 345      | 329      | 301      | 21.10  | cps   |
| Silicon    | 28-1  | 8632373  | 8667847  | 8598025  | 8632748  | 0.40   | cps   |
| Silver     | 109-1 | 175      | 158      | 275      | 203      | 31.12  | cps   |
| Silver     | 107-1 | 183      | 250      | 350      | 261      | 32.13  | cps   |
| Sodium     | 23-2  | 7338506  | 7279754  | 7180658  | 7266306  | 1.10   | cps   |
| Strontium  | 86-1  | 83929    | 83492    | 83536    | 83652    | 0.29   | cps   |
| Strontium  | 88-1  | 729315   | 731266   | 729220   | 729934   | 0.16   | cps   |
| Sulfur     | 34-1  | 792549   | 792142   | 794589   | 793093   | 0.17   | cps   |
| Terbium    | 159-1 | 14660151 | 14948939 | 14633215 | 14747435 | 1.19   | cps   |
| Terbium    | 159-2 | 7772338  | 7935917  | 7980580  | 7896278  | 1.39   | cps   |
| Thallium   | 203-1 | 192      | 208      | 208      | 203      | 4.74   | cps   |
| Thallium   | 205-1 | 517      | 433      | 458      | 469      | 9.11   | cps   |
| Tin        | 118-1 | 833      | 667      | 817      | 772      | 11.89  | cps   |
| Titanium   | 47-1  | 1058     | 908      | 1367     | 1111     | 21.03  | cps   |
| Uranium    | 238-1 | 558      | 708      | 483      | 583      | 19.64  | cps   |
| Vanadium   | 51-2  | 270      | 280      | 200      | 250      | 17.43  | cps   |
| Yttrium    | 89-1  | 12011993 | 12135765 | 12055084 | 12067614 | 0.52   | cps   |
| Yttrium    | 89-2  | 2048544  | 2084186  | 2041433  | 2058055  | 1.11   | cps   |
| Zinc       | 66-2  | 9090     | 9577     | 9270     | 9312     | 2.64   | cps   |
| Zirconium  | 90-1  | 1300     | 1342     | 1142     | 1261     | 8.37   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-30-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:36:18  | DataFile Name :   | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 242  | 267  | 242     | 10.34  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-07 Instrumnet Name : P7  
 Client Sample ID : DC24728-31-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:39:44 DataFile Name : 152SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1609     | 1775     | 1475     | 1620     | 9.28   | cps   |
| Antimony   | 121-1 | 1483     | 1292     | 1217     | 1331     | 10.34  | cps   |
| Arsenic    | 75-2  | 180      | 165      | 204      | 183      | 10.74  | cps   |
| Barium     | 135-1 | 58742    | 58809    | 57336    | 58295    | 1.43   | cps   |
| Barium     | 137-1 | 100018   | 102451   | 100622   | 101030   | 1.25   | cps   |
| Beryllium  | 9-1   | 17       | 22       | 33       | 24       | 35.24  | cps   |
| Bismuth    | 209-1 | 9466224  | 8881073  | 8898322  | 9081873  | 3.67   | cps   |
| Bismuth    | 209-2 | 6131914  | 5913169  | 5567152  | 5870745  | 4.85   | cps   |
| Boron      | 10-1  | 1675     | 1742     | 1684     | 1700     | 2.14   | cps   |
| Boron      | 11-1  | 8978     | 8636     | 8653     | 8756     | 2.20   | cps   |
| Cadmium    | 111-1 | 3083     | 2806     | 2866     | 2918     | 4.99   | cps   |
| Cadmium    | 106-1 | 4276     | 3876     | 3967     | 4040     | 5.19   | cps   |
| Cadmium    | 108-1 | 21       | 46       | 33       | 33       | 37.50  | cps   |
| Calcium    | 43-1  | 248486   | 246595   | 245919   | 247000   | 0.54   | cps   |
| Calcium    | 44-1  | 4175792  | 4129344  | 4083341  | 4129492  | 1.12   | cps   |
| Chromium   | 52-2  | 1723     | 1760     | 1780     | 1755     | 1.64   | cps   |
| Cobalt     | 59-2  | 323      | 303      | 297      | 308      | 4.51   | cps   |
| Copper     | 63-2  | 752769   | 761887   | 764089   | 759582   | 0.79   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 83       | 64       | 41.93  | cps   |
| Dysprosium | 156-2 | 50       | 27       | 50       | 42       | 31.90  | cps   |
| Erbium     | 164-1 | 58       | 100      | 117      | 92       | 32.77  | cps   |
| Erbium     | 164-2 | 63       | 30       | 87       | 60       | 47.47  | cps   |
| Gadolinium | 160-1 | 217      | 100      | 192      | 169      | 36.25  | cps   |
| Gadolinium | 160-2 | 183      | 183      | 160      | 176      | 7.68   | cps   |
| Holmium    | 165-1 | 14374688 | 14087440 | 14063288 | 14175139 | 1.22   | cps   |
| Holmium    | 165-2 | 8115489  | 7805551  | 7644548  | 7855196  | 3.05   | cps   |
| Indium     | 115-1 | 11746514 | 11324506 | 11470618 | 11513879 | 1.86   | cps   |
| Indium     | 115-2 | 2579065  | 2523226  | 2469976  | 2524089  | 2.16   | cps   |
| Iron       | 56-2  | 120167   | 138178   | 128905   | 129083   | 6.98   | cps   |
| Iron       | 57-2  | 4084     | 4006     | 3812     | 3967     | 3.54   | cps   |
| Lead       | 206-1 | 23210    | 22330    | 22965    | 22835    | 1.99   | cps   |
| Lead       | 207-1 | 19988    | 19643    | 19426    | 19685    | 1.44   | cps   |
| Lead       | 208-1 | 91307    | 89910    | 89129    | 90115    | 1.22   | cps   |
| Lithium    | 6-1   | 1940605  | 1914343  | 1925146  | 1926698  | 0.69   | cps   |
| Magnesium  | 24-2  | 434424   | 435744   | 439877   | 436682   | 0.65   | cps   |
| Manganese  | 55-2  | 32332    | 33943    | 32900    | 33059    | 2.47   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-07 Instrumnet Name : P7  
 Client Sample ID : DC24728-31-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:39:44 DataFile Name : 152SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 692      | 642      | 667      | 667      | 3.75   | cps   |
| Molybdenum | 95-1  | 367      | 317      | 208      | 297      | 27.23  | cps   |
| Molybdenum | 96-1  | 358      | 400      | 375      | 378      | 5.55   | cps   |
| Molybdenum | 97-1  | 208      | 267      | 292      | 256      | 16.74  | cps   |
| Molybdenum | 98-1  | 383      | 400      | 367      | 383      | 4.35   | cps   |
| Neodymium  | 150-1 | 60       | 107      | 27       | 64       | 62.35  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 27       | 22       | 22.91  | cps   |
| Nickel     | 60-2  | 14157    | 13810    | 13867    | 13945    | 1.33   | cps   |
| Phosphorus | 31-2  | 6293     | 6093     | 6627     | 6338     | 4.25   | cps   |
| Potassium  | 39-2  | 241086   | 243938   | 245985   | 243670   | 1.01   | cps   |
| Rhodium    | 103-1 | 11168660 | 10704495 | 10766973 | 10880043 | 2.32   | cps   |
| Rhodium    | 103-2 | 5525717  | 5553670  | 5284082  | 5454490  | 2.72   | cps   |
| Scandium   | 45-1  | 7750885  | 7385857  | 7361338  | 7499360  | 2.91   | cps   |
| Scandium   | 45-2  | 409345   | 400828   | 384012   | 398062   | 3.24   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 126      | 115      | 117      | 119      | 5.00   | cps   |
| Selenium   | 82-1  | 446      | 418      | 435      | 433      | 3.24   | cps   |
| Silicon    | 28-1  | 8987358  | 9052632  | 8892741  | 8977577  | 0.90   | cps   |
| Silver     | 109-1 | 408      | 475      | 425      | 436      | 7.96   | cps   |
| Silver     | 107-1 | 358      | 317      | 492      | 389      | 23.51  | cps   |
| Sodium     | 23-2  | 7360010  | 7327564  | 7436702  | 7374759  | 0.76   | cps   |
| Strontium  | 86-1  | 89353    | 88238    | 87416    | 88336    | 1.10   | cps   |
| Strontium  | 88-1  | 768804   | 751619   | 751589   | 757337   | 1.31   | cps   |
| Sulfur     | 34-1  | 816040   | 810675   | 810404   | 812373   | 0.39   | cps   |
| Terbium    | 159-1 | 15099872 | 14419009 | 14714304 | 14744395 | 2.32   | cps   |
| Terbium    | 159-2 | 8004243  | 7790192  | 7668394  | 7820943  | 2.17   | cps   |
| Thallium   | 203-1 | 308      | 208      | 225      | 247      | 21.67  | cps   |
| Thallium   | 205-1 | 642      | 658      | 583      | 628      | 6.27   | cps   |
| Tin        | 118-1 | 708      | 708      | 708      | 708      | 0.00   | cps   |
| Titanium   | 47-1  | 1158     | 1308     | 1425     | 1297     | 10.31  | cps   |
| Uranium    | 238-1 | 675      | 525      | 592      | 597      | 12.58  | cps   |
| Vanadium   | 51-2  | 277      | 257      | 230      | 254      | 9.20   | cps   |
| Yttrium    | 89-1  | 12145331 | 11801184 | 12108201 | 12018239 | 1.57   | cps   |
| Yttrium    | 89-2  | 2081626  | 2012164  | 1975904  | 2023231  | 2.66   | cps   |
| Zinc       | 66-2  | 173008   | 175729   | 176600   | 175112   | 1.07   | cps   |
| Zirconium  | 90-1  | 1367     | 1483     | 1475     | 1442     | 4.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-31-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:39:44  | DataFile Name :   | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 267  | 333  | 300     | 11.11  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-32-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:43:10  | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1492     | 1450     | 1718     | 1553     | 9.27   | cps   |
| Antimony   | 121-1 | 1500     | 1300     | 1317     | 1372     | 8.09   | cps   |
| Arsenic    | 75-2  | 178      | 202      | 209      | 196      | 8.39   | cps   |
| Barium     | 135-1 | 57269    | 56591    | 56323    | 56728    | 0.86   | cps   |
| Barium     | 137-1 | 99731    | 99472    | 98255    | 99153    | 0.80   | cps   |
| Beryllium  | 9-1   | 28       | 44       | 28       | 33       | 28.87  | cps   |
| Bismuth    | 209-1 | 8658953  | 8986058  | 9019396  | 8888136  | 2.24   | cps   |
| Bismuth    | 209-2 | 5988621  | 5882664  | 5914838  | 5928708  | 0.92   | cps   |
| Boron      | 10-1  | 1967     | 1725     | 1617     | 1770     | 10.13  | cps   |
| Boron      | 11-1  | 8720     | 8886     | 8920     | 8842     | 1.21   | cps   |
| Cadmium    | 111-1 | 3081     | 2891     | 2780     | 2917     | 5.22   | cps   |
| Cadmium    | 106-1 | 4393     | 4109     | 3967     | 4156     | 5.21   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 8        | 17       | 43.31  | cps   |
| Calcium    | 43-1  | 244080   | 243517   | 241896   | 243164   | 0.47   | cps   |
| Calcium    | 44-1  | 4050995  | 4017163  | 4027400  | 4031853  | 0.43   | cps   |
| Chromium   | 52-2  | 1813     | 1883     | 1790     | 1829     | 2.66   | cps   |
| Cobalt     | 59-2  | 167      | 157      | 160      | 161      | 3.16   | cps   |
| Copper     | 63-2  | 771791   | 774329   | 771766   | 772629   | 0.19   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 50       | 64       | 19.92  | cps   |
| Dysprosium | 156-2 | 20       | 37       | 80       | 46       | 67.99  | cps   |
| Erbium     | 164-1 | 75       | 92       | 67       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 47       | 57       | 50       | 51       | 9.96   | cps   |
| Gadolinium | 160-1 | 208      | 217      | 192      | 206      | 6.19   | cps   |
| Gadolinium | 160-2 | 147      | 160      | 157      | 154      | 4.49   | cps   |
| Holmium    | 165-1 | 14008263 | 14184659 | 13967350 | 14053424 | 0.82   | cps   |
| Holmium    | 165-2 | 8039864  | 7833569  | 7867573  | 7913669  | 1.40   | cps   |
| Indium     | 115-1 | 11373714 | 11611639 | 11253981 | 11413111 | 1.60   | cps   |
| Indium     | 115-2 | 2571701  | 2546780  | 2545993  | 2554825  | 0.57   | cps   |
| Iron       | 56-2  | 118939   | 115087   | 123730   | 119252   | 3.63   | cps   |
| Iron       | 57-2  | 3717     | 3790     | 3378     | 3628     | 6.05   | cps   |
| Lead       | 206-1 | 5196     | 5196     | 5134     | 5175     | 0.68   | cps   |
| Lead       | 207-1 | 4390     | 4351     | 4334     | 4358     | 0.65   | cps   |
| Lead       | 208-1 | 20346    | 19984    | 19901    | 20077    | 1.18   | cps   |
| Lithium    | 6-1   | 1914024  | 1949465  | 1912962  | 1925484  | 1.08   | cps   |
| Magnesium  | 24-2  | 424626   | 421338   | 424506   | 423490   | 0.44   | cps   |
| Manganese  | 55-2  | 23165    | 22578    | 22611    | 22785    | 1.45   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-32-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:43:10  | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 692      | 567      | 633      | 631      | 9.92   | cps   |
| Molybdenum | 95-1  | 267      | 292      | 367      | 308      | 16.88  | cps   |
| Molybdenum | 96-1  | 475      | 408      | 317      | 400      | 19.87  | cps   |
| Molybdenum | 97-1  | 258      | 217      | 217      | 231      | 10.43  | cps   |
| Molybdenum | 98-1  | 558      | 517      | 350      | 475      | 23.21  | cps   |
| Neodymium  | 150-1 | 73       | 73       | 53       | 67       | 17.32  | cps   |
| Neodymium  | 150-2 | 13       | 30       | 33       | 26       | 41.94  | cps   |
| Nickel     | 60-2  | 2370     | 2437     | 2400     | 2402     | 1.39   | cps   |
| Phosphorus | 31-2  | 6793     | 6593     | 6960     | 6782     | 2.71   | cps   |
| Potassium  | 39-2  | 244235   | 243050   | 244991   | 244092   | 0.40   | cps   |
| Rhodium    | 103-1 | 10677723 | 10983306 | 10758649 | 10806560 | 1.47   | cps   |
| Rhodium    | 103-2 | 5553769  | 5490530  | 5476345  | 5506881  | 0.75   | cps   |
| Scandium   | 45-1  | 7449464  | 7640922  | 7309453  | 7466613  | 2.23   | cps   |
| Scandium   | 45-2  | 407658   | 397554   | 405536   | 403583   | 1.32   | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 111      | 124      | 122      | 119      | 5.89   | cps   |
| Selenium   | 82-1  | 178      | 175      | 188      | 180      | 3.64   | cps   |
| Silicon    | 28-1  | 8987112  | 8859390  | 8838557  | 8895020  | 0.90   | cps   |
| Silver     | 109-1 | 500      | 442      | 517      | 486      | 8.10   | cps   |
| Silver     | 107-1 | 567      | 542      | 492      | 533      | 7.16   | cps   |
| Sodium     | 23-2  | 7280823  | 7227941  | 7219472  | 7242745  | 0.46   | cps   |
| Strontium  | 86-1  | 85756    | 84842    | 86611    | 85736    | 1.03   | cps   |
| Strontium  | 88-1  | 748241   | 739508   | 747187   | 744979   | 0.64   | cps   |
| Sulfur     | 34-1  | 847160   | 843790   | 844022   | 844990   | 0.22   | cps   |
| Terbium    | 159-1 | 14558558 | 14810383 | 14468835 | 14612592 | 1.21   | cps   |
| Terbium    | 159-2 | 8018205  | 7756816  | 7941226  | 7905415  | 1.70   | cps   |
| Thallium   | 203-1 | 258      | 300      | 225      | 261      | 14.39  | cps   |
| Thallium   | 205-1 | 550      | 692      | 600      | 614      | 11.70  | cps   |
| Tin        | 118-1 | 758      | 650      | 725      | 711      | 7.80   | cps   |
| Titanium   | 47-1  | 1100     | 1125     | 1158     | 1128     | 2.60   | cps   |
| Uranium    | 238-1 | 542      | 425      | 508      | 492      | 12.22  | cps   |
| Vanadium   | 51-2  | 247      | 277      | 270      | 264      | 5.96   | cps   |
| Yttrium    | 89-1  | 11887846 | 12198641 | 11941810 | 12009432 | 1.38   | cps   |
| Yttrium    | 89-2  | 2061222  | 2034185  | 2039858  | 2045088  | 0.70   | cps   |
| Zinc       | 66-2  | 17030    | 17397    | 17427    | 17285    | 1.28   | cps   |
| Zirconium  | 90-1  | 1367     | 1400     | 1500     | 1422     | 4.88   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-32-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:43:10  | DataFile Name :   | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 242  | 258  | 264     | 9.65   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-09 Instrumnet Name : P7  
 Client Sample ID : DC24728-33-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:46:36 DataFile Name : 154SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1942     | 1742     | 1792     | 1825     | 5.71   | cps   |
| Antimony   | 121-1 | 708      | 917      | 867      | 831      | 13.10  | cps   |
| Arsenic    | 75-2  | 189      | 209      | 176      | 191      | 8.78   | cps   |
| Barium     | 135-1 | 54911    | 54115    | 53956    | 54327    | 0.94   | cps   |
| Barium     | 137-1 | 93003    | 93087    | 93657    | 93249    | 0.38   | cps   |
| Beryllium  | 9-1   | 56       | 22       | 39       | 39       | 42.86  | cps   |
| Bismuth    | 209-1 | 9223955  | 9105154  | 9228294  | 9185801  | 0.76   | cps   |
| Bismuth    | 209-2 | 5953209  | 5848592  | 5890661  | 5897487  | 0.89   | cps   |
| Boron      | 10-1  | 1817     | 1775     | 2000     | 1864     | 6.42   | cps   |
| Boron      | 11-1  | 9245     | 8578     | 8753     | 8858     | 3.90   | cps   |
| Cadmium    | 111-1 | 4344     | 4353     | 4262     | 4319     | 1.16   | cps   |
| Cadmium    | 106-1 | 4268     | 4167     | 4309     | 4248     | 1.71   | cps   |
| Cadmium    | 108-1 | 104      | 104      | 108      | 106      | 2.28   | cps   |
| Calcium    | 43-1  | 247251   | 244847   | 245734   | 245944   | 0.49   | cps   |
| Calcium    | 44-1  | 4066598  | 4058303  | 4089219  | 4071373  | 0.39   | cps   |
| Chromium   | 52-2  | 1900     | 1910     | 1980     | 1930     | 2.26   | cps   |
| Cobalt     | 59-2  | 287      | 320      | 280      | 296      | 7.25   | cps   |
| Copper     | 63-2  | 800328   | 800548   | 805153   | 802009   | 0.34   | cps   |
| Dysprosium | 156-1 | 75       | 117      | 50       | 81       | 41.81  | cps   |
| Dysprosium | 156-2 | 33       | 33       | 43       | 37       | 15.75  | cps   |
| Erbium     | 164-1 | 67       | 75       | 92       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 60       | 67       | 37       | 54       | 28.93  | cps   |
| Gadolinium | 160-1 | 275      | 217      | 133      | 208      | 34.18  | cps   |
| Gadolinium | 160-2 | 167      | 177      | 170      | 171      | 2.98   | cps   |
| Holmium    | 165-1 | 14338746 | 14211297 | 14271402 | 14273815 | 0.45   | cps   |
| Holmium    | 165-2 | 8009895  | 7818321  | 7801521  | 7876579  | 1.47   | cps   |
| Indium     | 115-1 | 11776760 | 11573445 | 11643474 | 11664560 | 0.89   | cps   |
| Indium     | 115-2 | 2595480  | 2549159  | 2550510  | 2565049  | 1.03   | cps   |
| Iron       | 56-2  | 101477   | 101741   | 101372   | 101530   | 0.19   | cps   |
| Iron       | 57-2  | 3540     | 3367     | 3184     | 3364     | 5.30   | cps   |
| Lead       | 206-1 | 10349    | 9604     | 9620     | 9858     | 4.32   | cps   |
| Lead       | 207-1 | 8192     | 8375     | 8492     | 8353     | 1.81   | cps   |
| Lead       | 208-1 | 38812    | 38440    | 39263    | 38838    | 1.06   | cps   |
| Lithium    | 6-1   | 1979041  | 1972608  | 1958372  | 1970007  | 0.54   | cps   |
| Magnesium  | 24-2  | 437197   | 437390   | 438847   | 437811   | 0.21   | cps   |
| Manganese  | 55-2  | 39641    | 39286    | 38591    | 39172    | 1.36   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-33-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:46:36  | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 808      | 708      | 708      | 742      | 7.79   | cps   |
| Molybdenum | 95-1  | 233      | 283      | 325      | 281      | 16.36  | cps   |
| Molybdenum | 96-1  | 392      | 417      | 517      | 442      | 14.98  | cps   |
| Molybdenum | 97-1  | 233      | 192      | 233      | 219      | 10.96  | cps   |
| Molybdenum | 98-1  | 458      | 433      | 442      | 444      | 2.86   | cps   |
| Neodymium  | 150-1 | 27       | 47       | 80       | 51       | 52.71  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 13       | 21       | 32.88  | cps   |
| Nickel     | 60-2  | 12519    | 12145    | 11968    | 12211    | 2.30   | cps   |
| Phosphorus | 31-2  | 6302     | 6468     | 6710     | 6493     | 3.16   | cps   |
| Potassium  | 39-2  | 247989   | 247286   | 248446   | 247907   | 0.24   | cps   |
| Rhodium    | 103-1 | 11077822 | 10921582 | 10853369 | 10950924 | 1.05   | cps   |
| Rhodium    | 103-2 | 5584438  | 5487751  | 5513207  | 5528465  | 0.91   | cps   |
| Scandium   | 45-1  | 7617306  | 7607157  | 7666923  | 7630462  | 0.42   | cps   |
| Scandium   | 45-2  | 406896   | 400692   | 401622   | 403070   | 0.83   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 139      | 120      | 124      | 128      | 7.67   | cps   |
| Selenium   | 82-1  | 70       | 147      | 331      | 182      | 73.40  | cps   |
| Silicon    | 28-1  | 9090924  | 9012948  | 8975523  | 9026465  | 0.65   | cps   |
| Silver     | 109-1 | 508      | 600      | 425      | 511      | 17.13  | cps   |
| Silver     | 107-1 | 508      | 692      | 475      | 558      | 20.90  | cps   |
| Sodium     | 23-2  | 7460548  | 7465481  | 7396329  | 7440786  | 0.52   | cps   |
| Strontium  | 86-1  | 86493    | 85889    | 84557    | 85646    | 1.16   | cps   |
| Strontium  | 88-1  | 742196   | 736944   | 732947   | 737363   | 0.63   | cps   |
| Sulfur     | 34-1  | 858838   | 854184   | 849393   | 854139   | 0.55   | cps   |
| Terbium    | 159-1 | 14929514 | 14728398 | 14743539 | 14800484 | 0.76   | cps   |
| Terbium    | 159-2 | 7849802  | 7941911  | 7732451  | 7841388  | 1.34   | cps   |
| Thallium   | 203-1 | 200      | 242      | 242      | 228      | 10.56  | cps   |
| Thallium   | 205-1 | 592      | 608      | 717      | 639      | 10.62  | cps   |
| Tin        | 118-1 | 633      | 783      | 617      | 678      | 13.54  | cps   |
| Titanium   | 47-1  | 933      | 3264     | 1058     | 1752     | 74.83  | cps   |
| Uranium    | 238-1 | 600      | 542      | 517      | 553      | 7.74   | cps   |
| Vanadium   | 51-2  | 250      | 207      | 267      | 241      | 12.85  | cps   |
| Yttrium    | 89-1  | 12273343 | 12123632 | 12058967 | 12151981 | 0.90   | cps   |
| Yttrium    | 89-2  | 2073247  | 2038281  | 2049603  | 2053711  | 0.87   | cps   |
| Zinc       | 66-2  | 328739   | 329458   | 327812   | 328670   | 0.25   | cps   |
| Zirconium  | 90-1  | 1517     | 1350     | 1217     | 1361     | 11.04  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-33-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:46:36  | DataFile Name :   | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 300  | 275  | 269     | 12.50  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-10 Instrumnet Name : P7  
 Client Sample ID : DC24728-34-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:50:02 DataFile Name : 155SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1167     | 1258     | 1584     | 1336     | 16.40  | cps   |
| Antimony   | 121-1 | 750      | 750      | 792      | 764      | 3.15   | cps   |
| Arsenic    | 75-2  | 211      | 181      | 207      | 200      | 8.07   | cps   |
| Barium     | 135-1 | 55846    | 54550    | 55386    | 55261    | 1.19   | cps   |
| Barium     | 137-1 | 95946    | 94127    | 94681    | 94918    | 0.98   | cps   |
| Beryllium  | 9-1   | 39       | 61       | 22       | 41       | 47.89  | cps   |
| Bismuth    | 209-1 | 9392364  | 9282966  | 9036612  | 9237314  | 1.97   | cps   |
| Bismuth    | 209-2 | 6054689  | 5893370  | 5898190  | 5948749  | 1.54   | cps   |
| Boron      | 10-1  | 1917     | 1767     | 1817     | 1834     | 4.17   | cps   |
| Boron      | 11-1  | 9128     | 8828     | 8828     | 8928     | 1.94   | cps   |
| Cadmium    | 111-1 | 3117     | 2888     | 2907     | 2971     | 4.28   | cps   |
| Cadmium    | 106-1 | 4376     | 4051     | 4126     | 4184     | 4.07   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 21       | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 246160   | 243277   | 243235   | 244224   | 0.69   | cps   |
| Calcium    | 44-1  | 4058145  | 4011734  | 3994367  | 4021415  | 0.82   | cps   |
| Chromium   | 52-2  | 2040     | 1787     | 1740     | 1856     | 8.70   | cps   |
| Cobalt     | 59-2  | 117      | 140      | 127      | 128      | 9.16   | cps   |
| Copper     | 63-2  | 683788   | 682159   | 688642   | 684863   | 0.49   | cps   |
| Dysprosium | 156-1 | 50       | 67       | 33       | 50       | 33.34  | cps   |
| Dysprosium | 156-2 | 37       | 43       | 30       | 37       | 18.18  | cps   |
| Erbium     | 164-1 | 108      | 108      | 67       | 94       | 25.47  | cps   |
| Erbium     | 164-2 | 63       | 67       | 80       | 70       | 12.60  | cps   |
| Gadolinium | 160-1 | 117      | 242      | 267      | 208      | 38.58  | cps   |
| Gadolinium | 160-2 | 127      | 163      | 160      | 150      | 13.52  | cps   |
| Holmium    | 165-1 | 14493974 | 14326708 | 14042924 | 14287869 | 1.60   | cps   |
| Holmium    | 165-2 | 8056133  | 7856897  | 7959774  | 7957602  | 1.25   | cps   |
| Indium     | 115-1 | 11738518 | 11698197 | 11429989 | 11622235 | 1.44   | cps   |
| Indium     | 115-2 | 2570196  | 2547971  | 2554797  | 2557655  | 0.45   | cps   |
| Iron       | 56-2  | 113494   | 128587   | 113936   | 118672   | 7.24   | cps   |
| Iron       | 57-2  | 3823     | 3573     | 3506     | 3634     | 4.60   | cps   |
| Lead       | 206-1 | 2478     | 2428     | 2556     | 2487     | 2.59   | cps   |
| Lead       | 207-1 | 2222     | 2000     | 2011     | 2078     | 6.03   | cps   |
| Lead       | 208-1 | 9641     | 9513     | 9485     | 9546     | 0.87   | cps   |
| Lithium    | 6-1   | 2000599  | 1960714  | 1929622  | 1963645  | 1.81   | cps   |
| Magnesium  | 24-2  | 428909   | 427262   | 426570   | 427580   | 0.28   | cps   |
| Manganese  | 55-2  | 23626    | 23512    | 23592    | 23577    | 0.25   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-34-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:50:02  | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 658      | 608      | 644      | 4.90   | cps   |
| Molybdenum | 95-1  | 342      | 258      | 225      | 275      | 21.85  | cps   |
| Molybdenum | 96-1  | 525      | 450      | 442      | 472      | 9.72   | cps   |
| Molybdenum | 97-1  | 292      | 242      | 333      | 289      | 15.89  | cps   |
| Molybdenum | 98-1  | 542      | 567      | 517      | 542      | 4.62   | cps   |
| Neodymium  | 150-1 | 53       | 53       | 67       | 58       | 13.32  | cps   |
| Neodymium  | 150-2 | 20       | 23       | 7        | 17       | 52.90  | cps   |
| Nickel     | 60-2  | 763      | 747      | 673      | 728      | 6.58   | cps   |
| Phosphorus | 31-2  | 6860     | 6660     | 6944     | 6821     | 2.14   | cps   |
| Potassium  | 39-2  | 244777   | 242416   | 246259   | 244484   | 0.79   | cps   |
| Rhodium    | 103-1 | 11160806 | 11057223 | 10865533 | 11027854 | 1.36   | cps   |
| Rhodium    | 103-2 | 5524047  | 5453461  | 5598190  | 5525232  | 1.31   | cps   |
| Scandium   | 45-1  | 7742400  | 7726731  | 7509972  | 7659701  | 1.70   | cps   |
| Scandium   | 45-2  | 409218   | 403579   | 398691   | 403829   | 1.30   | cps   |
| Selenium   | 77-2  | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 130      | 106      | 93       | 109      | 17.20  | cps   |
| Selenium   | 82-1  | 213      | 257      | 228      | 233      | 9.55   | cps   |
| Silicon    | 28-1  | 8866590  | 8838446  | 8733175  | 8812737  | 0.80   | cps   |
| Silver     | 109-1 | 192      | 217      | 250      | 219      | 13.33  | cps   |
| Silver     | 107-1 | 317      | 267      | 275      | 286      | 9.36   | cps   |
| Sodium     | 23-2  | 7357287  | 7365624  | 7356680  | 7359864  | 0.07   | cps   |
| Strontium  | 86-1  | 86435    | 86309    | 86184    | 86309    | 0.15   | cps   |
| Strontium  | 88-1  | 746631   | 736064   | 734185   | 738960   | 0.91   | cps   |
| Sulfur     | 34-1  | 850273   | 842020   | 846438   | 846244   | 0.49   | cps   |
| Terbium    | 159-1 | 14994361 | 15001408 | 14582051 | 14859273 | 1.62   | cps   |
| Terbium    | 159-2 | 7848329  | 7918782  | 7804913  | 7857341  | 0.73   | cps   |
| Thallium   | 203-1 | 308      | 158      | 150      | 206      | 43.35  | cps   |
| Thallium   | 205-1 | 625      | 525      | 617      | 589      | 9.42   | cps   |
| Tin        | 118-1 | 617      | 550      | 567      | 578      | 6.01   | cps   |
| Titanium   | 47-1  | 1350     | 1125     | 1242     | 1239     | 9.08   | cps   |
| Uranium    | 238-1 | 608      | 600      | 450      | 553      | 16.12  | cps   |
| Vanadium   | 51-2  | 243      | 307      | 280      | 277      | 11.49  | cps   |
| Yttrium    | 89-1  | 12362552 | 12157089 | 11928158 | 12149266 | 1.79   | cps   |
| Yttrium    | 89-2  | 2062463  | 2025446  | 2049659  | 2045856  | 0.92   | cps   |
| Zinc       | 66-2  | 6502     | 6445     | 6288     | 6412     | 1.72   | cps   |
| Zirconium  | 90-1  | 1142     | 1525     | 1250     | 1306     | 15.14  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-34-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:50:02  | DataFile Name :   | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 200  | 267  | 281     | 31.48  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-11 Instrumnet Name : P7  
 Client Sample ID : DC24728-35-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:53:28 DataFile Name : 156SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2635     | 1717     | 1776     | 2042     | 25.16  | cps   |
| Antimony   | 121-1 | 1300     | 1333     | 1325     | 1320     | 1.32   | cps   |
| Arsenic    | 75-2  | 202      | 194      | 222      | 206      | 6.98   | cps   |
| Barium     | 135-1 | 57528    | 59177    | 56331    | 57679    | 2.48   | cps   |
| Barium     | 137-1 | 100714   | 99186    | 99228    | 99709    | 0.87   | cps   |
| Beryllium  | 9-1   | 44       | 22       | 56       | 41       | 41.67  | cps   |
| Bismuth    | 209-1 | 9380079  | 9169747  | 8989862  | 9179896  | 2.13   | cps   |
| Bismuth    | 209-2 | 5881612  | 5954213  | 5954388  | 5930071  | 0.71   | cps   |
| Boron      | 10-1  | 1734     | 1525     | 1767     | 1675     | 7.82   | cps   |
| Boron      | 11-1  | 8786     | 8444     | 8895     | 8708     | 2.70   | cps   |
| Cadmium    | 111-1 | 3041     | 3017     | 2748     | 2935     | 5.54   | cps   |
| Cadmium    | 106-1 | 4276     | 4209     | 3842     | 4109     | 5.68   | cps   |
| Cadmium    | 108-1 | 33       | 54       | 13       | 33       | 62.51  | cps   |
| Calcium    | 43-1  | 248039   | 249547   | 249369   | 248985   | 0.33   | cps   |
| Calcium    | 44-1  | 4123080  | 4112837  | 4080532  | 4105483  | 0.54   | cps   |
| Chromium   | 52-2  | 1793     | 1820     | 1880     | 1831     | 2.42   | cps   |
| Cobalt     | 59-2  | 410      | 320      | 390      | 373      | 12.66  | cps   |
| Copper     | 63-2  | 757527   | 752504   | 759120   | 756384   | 0.46   | cps   |
| Dysprosium | 156-1 | 83       | 75       | 108      | 89       | 19.52  | cps   |
| Dysprosium | 156-2 | 20       | 40       | 30       | 30       | 33.33  | cps   |
| Erbium     | 164-1 | 83       | 58       | 108      | 83       | 30.00  | cps   |
| Erbium     | 164-2 | 57       | 43       | 23       | 41       | 40.82  | cps   |
| Gadolinium | 160-1 | 217      | 225      | 167      | 203      | 15.56  | cps   |
| Gadolinium | 160-2 | 180      | 203      | 170      | 184      | 9.28   | cps   |
| Holmium    | 165-1 | 14480493 | 14346117 | 14276286 | 14367632 | 0.72   | cps   |
| Holmium    | 165-2 | 7902516  | 8006561  | 7892679  | 7933918  | 0.80   | cps   |
| Indium     | 115-1 | 11777234 | 11673052 | 11652444 | 11700910 | 0.57   | cps   |
| Indium     | 115-2 | 2518128  | 2540147  | 2545203  | 2534493  | 0.57   | cps   |
| Iron       | 56-2  | 121285   | 113446   | 118723   | 117818   | 3.39   | cps   |
| Iron       | 57-2  | 3767     | 3689     | 3451     | 3636     | 4.54   | cps   |
| Lead       | 206-1 | 15654    | 15743    | 16027    | 15808    | 1.23   | cps   |
| Lead       | 207-1 | 13335    | 12662    | 13001    | 12999    | 2.59   | cps   |
| Lead       | 208-1 | 61112    | 60556    | 61323    | 60997    | 0.65   | cps   |
| Lithium    | 6-1   | 2007362  | 1986772  | 1973219  | 1989118  | 0.86   | cps   |
| Magnesium  | 24-2  | 431500   | 431030   | 435283   | 432604   | 0.54   | cps   |
| Manganese  | 55-2  | 33298    | 33726    | 33305    | 33443    | 0.73   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-35-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:53:28  | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 517      | 608      | 633      | 586      | 10.48  | cps   |
| Molybdenum | 95-1  | 317      | 333      | 233      | 294      | 18.20  | cps   |
| Molybdenum | 96-1  | 550      | 450      | 517      | 506      | 10.07  | cps   |
| Molybdenum | 97-1  | 283      | 292      | 208      | 261      | 17.58  | cps   |
| Molybdenum | 98-1  | 450      | 525      | 625      | 533      | 16.46  | cps   |
| Neodymium  | 150-1 | 93       | 33       | 33       | 53       | 64.97  | cps   |
| Neodymium  | 150-2 | 33       | 13       | 30       | 26       | 41.94  | cps   |
| Nickel     | 60-2  | 6788     | 6798     | 6978     | 6855     | 1.56   | cps   |
| Phosphorus | 31-2  | 6810     | 6293     | 7110     | 6738     | 6.13   | cps   |
| Potassium  | 39-2  | 276710   | 276023   | 274594   | 275776   | 0.39   | cps   |
| Rhodium    | 103-1 | 11041973 | 11140656 | 10814750 | 10999126 | 1.52   | cps   |
| Rhodium    | 103-2 | 5443150  | 5445206  | 5469521  | 5452625  | 0.27   | cps   |
| Scandium   | 45-1  | 7748402  | 7743088  | 7533815  | 7675102  | 1.59   | cps   |
| Scandium   | 45-2  | 399683   | 398385   | 398430   | 398833   | 0.18   | cps   |
| Selenium   | 77-2  | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Selenium   | 78-2  | 117      | 141      | 128      | 128      | 9.38   | cps   |
| Selenium   | 82-1  | 99       | 293      | 192      | 195      | 49.85  | cps   |
| Silicon    | 28-1  | 8964175  | 8979376  | 8931433  | 8958328  | 0.27   | cps   |
| Silver     | 109-1 | 483      | 333      | 450      | 422      | 18.65  | cps   |
| Silver     | 107-1 | 500      | 375      | 408      | 428      | 15.13  | cps   |
| Sodium     | 23-2  | 7424662  | 7381075  | 7454986  | 7420241  | 0.50   | cps   |
| Strontium  | 86-1  | 86761    | 87306    | 87911    | 87326    | 0.66   | cps   |
| Strontium  | 88-1  | 759371   | 751878   | 756934   | 756061   | 0.51   | cps   |
| Sulfur     | 34-1  | 820506   | 821804   | 824803   | 822371   | 0.27   | cps   |
| Terbium    | 159-1 | 14990087 | 14793991 | 14667220 | 14817099 | 1.10   | cps   |
| Terbium    | 159-2 | 7815519  | 7925557  | 7846811  | 7862629  | 0.72   | cps   |
| Thallium   | 203-1 | 267      | 183      | 292      | 247      | 22.94  | cps   |
| Thallium   | 205-1 | 642      | 558      | 533      | 578      | 9.82   | cps   |
| Tin        | 118-1 | 508      | 733      | 625      | 622      | 18.09  | cps   |
| Titanium   | 47-1  | 1150     | 908      | 1058     | 1039     | 11.74  | cps   |
| Uranium    | 238-1 | 508      | 525      | 542      | 525      | 3.17   | cps   |
| Vanadium   | 51-2  | 253      | 307      | 293      | 284      | 9.76   | cps   |
| Yttrium    | 89-1  | 12340709 | 12187104 | 12047757 | 12191857 | 1.20   | cps   |
| Yttrium    | 89-2  | 2036675  | 2046140  | 2030919  | 2037911  | 0.38   | cps   |
| Zinc       | 66-2  | 70445    | 70302    | 71484    | 70744    | 0.91   | cps   |
| Zirconium  | 90-1  | 1308     | 1308     | 1417     | 1345     | 4.65   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-35-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:53:28  | DataFile Name :   | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 350  | 358  | 342     | 6.45   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-12 Instrumnet Name : P7  
 Client Sample ID : DC24728-36-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 00:56:54 DataFile Name : 157SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1250     | 1175     | 1442     | 1289     | 10.67  | cps   |
| Antimony   | 121-1 | 825      | 933      | 750      | 836      | 11.02  | cps   |
| Arsenic    | 75-2  | 194      | 206      | 154      | 185      | 14.79  | cps   |
| Barium     | 135-1 | 55302    | 53722    | 55336    | 54787    | 1.68   | cps   |
| Barium     | 137-1 | 95520    | 97348    | 95436    | 96101    | 1.12   | cps   |
| Beryllium  | 9-1   | 33       | 11       | 39       | 28       | 52.92  | cps   |
| Bismuth    | 209-1 | 8950116  | 9243415  | 9327958  | 9173830  | 2.16   | cps   |
| Bismuth    | 209-2 | 5835782  | 6017082  | 5908713  | 5920526  | 1.54   | cps   |
| Boron      | 10-1  | 1759     | 1784     | 1884     | 1809     | 3.66   | cps   |
| Boron      | 11-1  | 8294     | 8578     | 8720     | 8531     | 2.54   | cps   |
| Cadmium    | 111-1 | 2896     | 2952     | 2596     | 2815     | 6.79   | cps   |
| Cadmium    | 106-1 | 4117     | 4192     | 3684     | 3998     | 6.87   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Calcium    | 43-1  | 247342   | 243650   | 241584   | 244192   | 1.19   | cps   |
| Calcium    | 44-1  | 4084198  | 4065577  | 4008452  | 4052742  | 0.97   | cps   |
| Chromium   | 52-2  | 1770     | 1617     | 1847     | 1745     | 6.71   | cps   |
| Cobalt     | 59-2  | 190      | 157      | 213      | 187      | 15.26  | cps   |
| Copper     | 63-2  | 606606   | 596327   | 600903   | 601279   | 0.86   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 33       | 72       | 52.04  | cps   |
| Dysprosium | 156-2 | 50       | 30       | 40       | 40       | 25.00  | cps   |
| Erbium     | 164-1 | 142      | 58       | 92       | 97       | 43.14  | cps   |
| Erbium     | 164-2 | 47       | 60       | 60       | 56       | 13.85  | cps   |
| Gadolinium | 160-1 | 267      | 175      | 175      | 206      | 25.75  | cps   |
| Gadolinium | 160-2 | 137      | 200      | 197      | 178      | 20.05  | cps   |
| Holmium    | 165-1 | 14182129 | 14573119 | 14229816 | 14328355 | 1.49   | cps   |
| Holmium    | 165-2 | 7819781  | 7988332  | 7910582  | 7906231  | 1.07   | cps   |
| Indium     | 115-1 | 11564723 | 11636180 | 11638179 | 11613027 | 0.36   | cps   |
| Indium     | 115-2 | 2549818  | 2584873  | 2586162  | 2573618  | 0.80   | cps   |
| Iron       | 56-2  | 136058   | 128838   | 127408   | 130768   | 3.55   | cps   |
| Iron       | 57-2  | 4084     | 3984     | 3990     | 4019     | 1.40   | cps   |
| Lead       | 206-1 | 3012     | 3117     | 3173     | 3100     | 2.64   | cps   |
| Lead       | 207-1 | 2534     | 2778     | 2673     | 2661     | 4.61   | cps   |
| Lead       | 208-1 | 12014    | 12536    | 11936    | 12162    | 2.68   | cps   |
| Lithium    | 6-1   | 1926887  | 1982485  | 1967455  | 1958942  | 1.47   | cps   |
| Magnesium  | 24-2  | 431253   | 428008   | 430832   | 430031   | 0.41   | cps   |
| Manganese  | 55-2  | 28805    | 29049    | 28782    | 28878    | 0.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-36-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:56:54  | DataFile Name :   | 157SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 708      | 517      | 642      | 622      | 15.64  | cps   |
| Molybdenum | 95-1  | 383      | 208      | 308      | 300      | 29.27  | cps   |
| Molybdenum | 96-1  | 375      | 442      | 442      | 419      | 9.18   | cps   |
| Molybdenum | 97-1  | 267      | 242      | 283      | 264      | 7.95   | cps   |
| Molybdenum | 98-1  | 500      | 433      | 467      | 467      | 7.14   | cps   |
| Neodymium  | 150-1 | 234      | 60       | 33       | 109      | 99.77  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 10       | 10       | 0.00   | cps   |
| Nickel     | 60-2  | 703      | 737      | 710      | 717      | 2.46   | cps   |
| Phosphorus | 31-2  | 6735     | 6802     | 7260     | 6932     | 4.13   | cps   |
| Potassium  | 39-2  | 243585   | 241212   | 243103   | 242633   | 0.52   | cps   |
| Rhodium    | 103-1 | 10899670 | 11150089 | 10978589 | 11009449 | 1.16   | cps   |
| Rhodium    | 103-2 | 5457474  | 5519819  | 5547321  | 5508205  | 0.84   | cps   |
| Scandium   | 45-1  | 7539088  | 7781306  | 7742326  | 7687574  | 1.69   | cps   |
| Scandium   | 45-2  | 391887   | 412030   | 401409   | 401775   | 2.51   | cps   |
| Selenium   | 77-2  | 3        | 13       | 0        | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 107      | 130      | 113      | 117      | 9.91   | cps   |
| Selenium   | 82-1  | 146      | 207      | 269      | 207      | 29.75  | cps   |
| Silicon    | 28-1  | 8793242  | 8921192  | 8759209  | 8824548  | 0.97   | cps   |
| Silver     | 109-1 | 267      | 233      | 325      | 275      | 16.87  | cps   |
| Silver     | 107-1 | 375      | 325      | 283      | 328      | 14.00  | cps   |
| Sodium     | 23-2  | 7462268  | 7396197  | 7256479  | 7371648  | 1.43   | cps   |
| Strontium  | 86-1  | 85128    | 86502    | 86955    | 86195    | 1.10   | cps   |
| Strontium  | 88-1  | 750070   | 742307   | 741283   | 744553   | 0.65   | cps   |
| Sulfur     | 34-1  | 804860   | 802895   | 803069   | 803608   | 0.14   | cps   |
| Terbium    | 159-1 | 14827164 | 15027373 | 14793958 | 14882832 | 0.85   | cps   |
| Terbium    | 159-2 | 7800468  | 8086414  | 7810894  | 7899259  | 2.05   | cps   |
| Thallium   | 203-1 | 183      | 208      | 208      | 200      | 7.22   | cps   |
| Thallium   | 205-1 | 600      | 542      | 525      | 556      | 7.09   | cps   |
| Tin        | 118-1 | 700      | 625      | 558      | 628      | 11.29  | cps   |
| Titanium   | 47-1  | 1242     | 1117     | 1100     | 1153     | 6.72   | cps   |
| Uranium    | 238-1 | 542      | 558      | 600      | 567      | 5.30   | cps   |
| Vanadium   | 51-2  | 260      | 250      | 313      | 274      | 12.41  | cps   |
| Yttrium    | 89-1  | 12201218 | 12331595 | 12168357 | 12233723 | 0.71   | cps   |
| Yttrium    | 89-2  | 2037909  | 2069377  | 2062157  | 2056481  | 0.80   | cps   |
| Zinc       | 66-2  | 5745     | 5818     | 5748     | 5770     | 0.72   | cps   |
| Zirconium  | 90-1  | 1275     | 1183     | 1333     | 1264     | 5.98   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-36-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 00:56:54  | DataFile Name :   | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 333  | 250  | 311     | 17.22  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:00:20 | DataFile Name :   | 158SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 692      | 708      | 692      | 697      | 1.38   | cps   |
| Antimony   | 121-1 | 158      | 108      | 142      | 136      | 18.70  | cps   |
| Arsenic    | 75-2  | 17       | 22       | 15       | 18       | 21.54  | cps   |
| Barium     | 135-1 | 133      | 100      | 75       | 103      | 28.48  | cps   |
| Barium     | 137-1 | 117      | 158      | 200      | 158      | 26.32  | cps   |
| Beryllium  | 9-1   | 28       | 11       | 17       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 8673558  | 8719151  | 8620235  | 8670981  | 0.57   | cps   |
| Bismuth    | 209-2 | 5473983  | 5462717  | 5554171  | 5496957  | 0.91   | cps   |
| Boron      | 10-1  | 300      | 175      | 383      | 286      | 36.65  | cps   |
| Boron      | 11-1  | 1492     | 1275     | 1417     | 1395     | 7.89   | cps   |
| Cadmium    | 111-1 | 2654     | 2585     | 2695     | 2645     | 2.10   | cps   |
| Cadmium    | 106-1 | 3784     | 3676     | 3851     | 3770     | 2.34   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 13       | 10       | 49.46  | cps   |
| Calcium    | 43-1  | 350      | 325      | 358      | 344      | 5.04   | cps   |
| Calcium    | 44-1  | 23971    | 24355    | 23887    | 24071    | 1.04   | cps   |
| Chromium   | 52-2  | 1893     | 1877     | 1823     | 1865     | 1.96   | cps   |
| Cobalt     | 59-2  | 93       | 70       | 140      | 101      | 35.25  | cps   |
| Copper     | 63-2  | 1683     | 1633     | 1673     | 1663     | 1.59   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 75       | 58       | 42       | 58       | 28.57  | cps   |
| Erbium     | 164-2 | 20       | 27       | 40       | 29       | 35.25  | cps   |
| Gadolinium | 160-1 | 125      | 67       | 142      | 111      | 35.44  | cps   |
| Gadolinium | 160-2 | 80       | 147      | 120      | 116      | 29.04  | cps   |
| Holmium    | 165-1 | 13247246 | 13321852 | 13266970 | 13278689 | 0.29   | cps   |
| Holmium    | 165-2 | 7263011  | 7298979  | 7378677  | 7313556  | 0.81   | cps   |
| Indium     | 115-1 | 10881992 | 10939851 | 10792354 | 10871399 | 0.68   | cps   |
| Indium     | 115-2 | 2336826  | 2369747  | 2377757  | 2361444  | 0.92   | cps   |
| Iron       | 56-2  | 8681     | 9381     | 9181     | 9081     | 3.97   | cps   |
| Iron       | 57-2  | 383      | 433      | 400      | 406      | 6.28   | cps   |
| Lead       | 206-1 | 5196228  | 5141740  | 5172255  | 5170074  | 0.53   | cps   |
| Lead       | 207-1 | 4624209  | 4634163  | 4638413  | 4632262  | 0.16   | cps   |
| Lead       | 208-1 | 21046252 | 21057808 | 21213574 | 21105878 | 0.44   | cps   |
| Lithium    | 6-1   | 1826723  | 1836077  | 1793790  | 1818863  | 1.22   | cps   |
| Magnesium  | 24-2  | 383      | 467      | 408      | 419      | 10.19  | cps   |
| Manganese  | 55-2  | 140      | 110      | 93       | 114      | 20.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:00:20 | DataFile Name :   | 158SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 350      | 333      | 333      | 339      | 2.84   | cps   |
| Molybdenum | 95-1  | 142      | 100      | 192      | 144      | 31.78  | cps   |
| Molybdenum | 96-1  | 133      | 167      | 167      | 156      | 12.37  | cps   |
| Molybdenum | 97-1  | 183      | 175      | 150      | 169      | 10.24  | cps   |
| Molybdenum | 98-1  | 192      | 308      | 200      | 233      | 27.89  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 110      | 117      | 90       | 106      | 13.15  | cps   |
| Phosphorus | 31-2  | 200      | 200      | 225      | 208      | 6.93   | cps   |
| Potassium  | 39-2  | 61453    | 60056    | 61361    | 60957    | 1.28   | cps   |
| Rhodium    | 103-1 | 10201629 | 10509911 | 10255998 | 10322513 | 1.59   | cps   |
| Rhodium    | 103-2 | 5054467  | 5099395  | 5121728  | 5091863  | 0.67   | cps   |
| Scandium   | 45-1  | 7051572  | 7211054  | 7169725  | 7144117  | 1.16   | cps   |
| Scandium   | 45-2  | 372425   | 374069   | 379366   | 375287   | 0.97   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 104      | 117      | 113      | 111      | 6.01   | cps   |
| Selenium   | 82-1  | 242      | 421      | 306      | 323      | 28.04  | cps   |
| Silicon    | 28-1  | 635401   | 639124   | 635951   | 636825   | 0.32   | cps   |
| Silver     | 109-1 | 125      | 150      | 158      | 144      | 12.01  | cps   |
| Silver     | 107-1 | 158      | 158      | 200      | 172      | 13.97  | cps   |
| Sodium     | 23-2  | 44158    | 44233    | 44266    | 44219    | 0.13   | cps   |
| Strontium  | 86-1  | 1900     | 1700     | 1784     | 1795     | 5.60   | cps   |
| Strontium  | 88-1  | 758      | 600      | 625      | 661      | 12.88  | cps   |
| Sulfur     | 34-1  | 709590   | 706777   | 705619   | 707329   | 0.29   | cps   |
| Terbium    | 159-1 | 13772756 | 14004077 | 13730830 | 13835888 | 1.06   | cps   |
| Terbium    | 159-2 | 7291964  | 7294923  | 7358814  | 7315234  | 0.52   | cps   |
| Thallium   | 203-1 | 217      | 283      | 242      | 247      | 13.62  | cps   |
| Thallium   | 205-1 | 600      | 583      | 592      | 592      | 1.41   | cps   |
| Tin        | 118-1 | 1092     | 1092     | 1008     | 1064     | 4.52   | cps   |
| Titanium   | 47-1  | 317      | 242      | 242      | 267      | 16.24  | cps   |
| Uranium    | 238-1 | 325      | 250      | 317      | 297      | 13.83  | cps   |
| Vanadium   | 51-2  | 27       | 17       | 20       | 21       | 24.12  | cps   |
| Yttrium    | 89-1  | 11342688 | 11674845 | 11326988 | 11448173 | 1.72   | cps   |
| Yttrium    | 89-2  | 1878399  | 1895096  | 1911354  | 1894950  | 0.87   | cps   |
| Zinc       | 66-2  | 523      | 437      | 453      | 471      | 9.76   | cps   |
| Zirconium  | 90-1  | 700      | 892      | 800      | 797      | 12.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:00:20 | DataFile Name :   | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 167  | 125  | 156     | 17.22  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:03:46 | DataFile Name :   | 159SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92       | 117      | 67       | 92       | 27.27  | cps   |
| Antimony   | 121-1 | 42       | 75       | 42       | 53       | 36.46  | cps   |
| Arsenic    | 75-2  | 6        | 6        | 6        | 6        | 0.00   | cps   |
| Barium     | 135-1 | 42       | 83       | 75       | 67       | 33.07  | cps   |
| Barium     | 137-1 | 142      | 100      | 200      | 147      | 34.12  | cps   |
| Beryllium  | 9-1   | 17       | 22       | 22       | 20       | 15.73  | cps   |
| Bismuth    | 209-1 | 8576425  | 8577717  | 8556443  | 8570195  | 0.14   | cps   |
| Bismuth    | 209-2 | 5528946  | 5543344  | 5528644  | 5533645  | 0.15   | cps   |
| Boron      | 10-1  | 217      | 133      | 250      | 200      | 30.05  | cps   |
| Boron      | 11-1  | 958      | 892      | 1058     | 970      | 8.65   | cps   |
| Cadmium    | 111-1 | 2618     | 2699     | 2227     | 2514     | 10.05  | cps   |
| Cadmium    | 106-1 | 3759     | 3842     | 3176     | 3592     | 10.11  | cps   |
| Cadmium    | 108-1 | 38       | 4        | 13       | 18       | 96.06  | cps   |
| Calcium    | 43-1  | 383      | 258      | 250      | 297      | 25.13  | cps   |
| Calcium    | 44-1  | 20382    | 21124    | 21684    | 21063    | 3.10   | cps   |
| Chromium   | 52-2  | 1797     | 1727     | 1980     | 1835     | 7.13   | cps   |
| Cobalt     | 59-2  | 57       | 53       | 57       | 56       | 3.47   | cps   |
| Copper     | 63-2  | 1690     | 1663     | 1780     | 1711     | 3.57   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 58       | 25       | 42       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 20       | 17       | 23       | 20       | 16.65  | cps   |
| Gadolinium | 160-1 | 92       | 108      | 133      | 111      | 18.88  | cps   |
| Gadolinium | 160-2 | 123      | 130      | 117      | 123      | 5.40   | cps   |
| Holmium    | 165-1 | 13386060 | 13275209 | 13188303 | 13283191 | 0.75   | cps   |
| Holmium    | 165-2 | 7321178  | 7430753  | 7386932  | 7379621  | 0.75   | cps   |
| Indium     | 115-1 | 10718307 | 10789763 | 10772981 | 10760350 | 0.35   | cps   |
| Indium     | 115-2 | 2383625  | 2382516  | 2399963  | 2388701  | 0.41   | cps   |
| Iron       | 56-2  | 6946     | 6818     | 6591     | 6785     | 2.66   | cps   |
| Iron       | 57-2  | 378      | 400      | 400      | 393      | 3.27   | cps   |
| Lead       | 206-1 | 1061     | 1045     | 1161     | 1089     | 5.79   | cps   |
| Lead       | 207-1 | 911      | 811      | 939      | 887      | 7.58   | cps   |
| Lead       | 208-1 | 4356     | 4123     | 4300     | 4260     | 2.86   | cps   |
| Lithium    | 6-1   | 1800668  | 1805741  | 1804262  | 1803557  | 0.14   | cps   |
| Magnesium  | 24-2  | 225      | 183      | 125      | 178      | 28.25  | cps   |
| Manganese  | 55-2  | 73       | 77       | 70       | 73       | 4.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:03:46 | DataFile Name :   | 159SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 242      | 167      | 258      | 222      | 21.97  | cps   |
| Molybdenum | 95-1  | 25       | 25       | 42       | 31       | 31.50  | cps   |
| Molybdenum | 96-1  | 58       | 67       | 75       | 67       | 12.49  | cps   |
| Molybdenum | 97-1  | 42       | 183      | 117      | 114      | 62.23  | cps   |
| Molybdenum | 98-1  | 33       | 67       | 33       | 44       | 43.30  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 80       | 47       | 60       | 62       | 26.96  | cps   |
| Phosphorus | 31-2  | 217      | 142      | 258      | 206      | 28.76  | cps   |
| Potassium  | 39-2  | 61210    | 59236    | 59989    | 60145    | 1.66   | cps   |
| Rhodium    | 103-1 | 10224061 | 10256202 | 10183343 | 10221202 | 0.36   | cps   |
| Rhodium    | 103-2 | 5120517  | 5127014  | 5162521  | 5136684  | 0.44   | cps   |
| Scandium   | 45-1  | 7003048  | 7159449  | 7014545  | 7059014  | 1.23   | cps   |
| Scandium   | 45-2  | 376522   | 378439   | 373441   | 376134   | 0.67   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 143      | 115      | 130      | 129      | 10.77  | cps   |
| Selenium   | 82-1  | 289      | 239      | 245      | 258      | 10.58  | cps   |
| Silicon    | 28-1  | 630178   | 631794   | 631216   | 631063   | 0.13   | cps   |
| Silver     | 109-1 | 75       | 75       | 58       | 69       | 13.85  | cps   |
| Silver     | 107-1 | 125      | 83       | 125      | 111      | 21.65  | cps   |
| Sodium     | 23-2  | 42470    | 43297    | 43272    | 43013    | 1.09   | cps   |
| Strontium  | 86-1  | 1800     | 1625     | 1775     | 1734     | 5.46   | cps   |
| Strontium  | 88-1  | 292      | 325      | 383      | 333      | 13.92  | cps   |
| Sulfur     | 34-1  | 717806   | 714140   | 723835   | 718594   | 0.68   | cps   |
| Terbium    | 159-1 | 13636996 | 13815071 | 13765278 | 13739115 | 0.67   | cps   |
| Terbium    | 159-2 | 7459700  | 7336165  | 7300587  | 7365484  | 1.13   | cps   |
| Thallium   | 203-1 | 150      | 200      | 150      | 167      | 17.32  | cps   |
| Thallium   | 205-1 | 375      | 258      | 300      | 311      | 19.00  | cps   |
| Tin        | 118-1 | 1275     | 1217     | 1375     | 1289     | 6.21   | cps   |
| Titanium   | 47-1  | 275      | 225      | 158      | 219      | 26.67  | cps   |
| Uranium    | 238-1 | 50       | 50       | 67       | 56       | 17.32  | cps   |
| Vanadium   | 51-2  | 13       | 3        | 23       | 13       | 75.02  | cps   |
| Yttrium    | 89-1  | 11237509 | 11265352 | 11327142 | 11276668 | 0.41   | cps   |
| Yttrium    | 89-2  | 1907943  | 1903728  | 1914573  | 1908748  | 0.29   | cps   |
| Zinc       | 66-2  | 203      | 203      | 193      | 200      | 2.89   | cps   |
| Zirconium  | 90-1  | 692      | 708      | 675      | 692      | 2.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:03:46 | DataFile Name :   | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 67   | 133  | 122     | 41.66  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-13 Instrumnet Name : P7  
 Client Sample ID : DC24728-37-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:07:13 DataFile Name : 160SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1617     | 1709     | 1525     | 1617     | 5.67   | cps   |
| Antimony   | 121-1 | 883      | 800      | 692      | 792      | 12.14  | cps   |
| Arsenic    | 75-2  | 174      | 169      | 181      | 175      | 3.72   | cps   |
| Barium     | 135-1 | 52893    | 53236    | 52040    | 52723    | 1.17   | cps   |
| Barium     | 137-1 | 92248    | 93045    | 91199    | 92164    | 1.00   | cps   |
| Beryllium  | 9-1   | 28       | 50       | 50       | 43       | 30.12  | cps   |
| Bismuth    | 209-1 | 9070203  | 9089753  | 9091635  | 9083864  | 0.13   | cps   |
| Bismuth    | 209-2 | 5933891  | 5946605  | 5722379  | 5867625  | 2.15   | cps   |
| Boron      | 10-1  | 1634     | 1717     | 1625     | 1658     | 3.06   | cps   |
| Boron      | 11-1  | 8311     | 8244     | 8511     | 8355     | 1.66   | cps   |
| Cadmium    | 111-1 | 3017     | 3067     | 3212     | 3098     | 3.26   | cps   |
| Cadmium    | 106-1 | 4143     | 4259     | 4509     | 4304     | 4.35   | cps   |
| Cadmium    | 108-1 | 29       | 63       | 58       | 50       | 36.32  | cps   |
| Calcium    | 43-1  | 245956   | 247734   | 245056   | 246249   | 0.55   | cps   |
| Calcium    | 44-1  | 4090021  | 4061936  | 4062525  | 4071494  | 0.39   | cps   |
| Chromium   | 52-2  | 1770     | 1830     | 1790     | 1797     | 1.70   | cps   |
| Cobalt     | 59-2  | 310      | 293      | 373      | 326      | 12.96  | cps   |
| Copper     | 63-2  | 610900   | 609824   | 608148   | 609624   | 0.23   | cps   |
| Dysprosium | 156-1 | 50       | 50       | 42       | 47       | 10.18  | cps   |
| Dysprosium | 156-2 | 47       | 37       | 33       | 39       | 17.85  | cps   |
| Erbium     | 164-1 | 125      | 125      | 83       | 111      | 21.65  | cps   |
| Erbium     | 164-2 | 67       | 70       | 57       | 64       | 10.76  | cps   |
| Gadolinium | 160-1 | 142      | 242      | 183      | 189      | 26.59  | cps   |
| Gadolinium | 160-2 | 193      | 153      | 130      | 159      | 20.16  | cps   |
| Holmium    | 165-1 | 14190911 | 14312184 | 14078887 | 14193994 | 0.82   | cps   |
| Holmium    | 165-2 | 7862133  | 7850776  | 7760924  | 7824611  | 0.71   | cps   |
| Indium     | 115-1 | 11494712 | 11534921 | 11457589 | 11495741 | 0.34   | cps   |
| Indium     | 115-2 | 2524841  | 2524365  | 2505671  | 2518292  | 0.43   | cps   |
| Iron       | 56-2  | 107479   | 102712   | 97002    | 102397   | 5.12   | cps   |
| Iron       | 57-2  | 3434     | 3195     | 3045     | 3225     | 6.09   | cps   |
| Lead       | 206-1 | 12712    | 13085    | 12567    | 12788    | 2.09   | cps   |
| Lead       | 207-1 | 10449    | 11077    | 10349    | 10625    | 3.72   | cps   |
| Lead       | 208-1 | 49231    | 50845    | 49143    | 49740    | 1.93   | cps   |
| Lithium    | 6-1   | 1923409  | 1945530  | 1919019  | 1929319  | 0.74   | cps   |
| Magnesium  | 24-2  | 435723   | 434587   | 435277   | 435196   | 0.13   | cps   |
| Manganese  | 55-2  | 32344    | 32583    | 33385    | 32770    | 1.66   | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-13 Instrumnet Name : P7  
 Client Sample ID : DC24728-37-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:07:13 DataFile Name : 160SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 458      | 758      | 667      | 628      | 24.49  | cps   |
| Molybdenum | 95-1  | 367      | 258      | 342      | 322      | 17.60  | cps   |
| Molybdenum | 96-1  | 342      | 300      | 483      | 375      | 25.63  | cps   |
| Molybdenum | 97-1  | 300      | 217      | 308      | 275      | 18.43  | cps   |
| Molybdenum | 98-1  | 367      | 550      | 567      | 494      | 22.44  | cps   |
| Neodymium  | 150-1 | 53       | 73       | 47       | 58       | 24.02  | cps   |
| Neodymium  | 150-2 | 13       | 23       | 23       | 20       | 28.87  | cps   |
| Nickel     | 60-2  | 1290     | 1567     | 1440     | 1432     | 9.67   | cps   |
| Phosphorus | 31-2  | 6177     | 6160     | 6418     | 6252     | 2.31   | cps   |
| Potassium  | 39-2  | 243356   | 245869   | 246834   | 245353   | 0.73   | cps   |
| Rhodium    | 103-1 | 10848428 | 10795354 | 10849875 | 10831219 | 0.29   | cps   |
| Rhodium    | 103-2 | 5446872  | 5433553  | 5373056  | 5417827  | 0.73   | cps   |
| Scandium   | 45-1  | 7475820  | 7510463  | 7476830  | 7487705  | 0.26   | cps   |
| Scandium   | 45-2  | 397977   | 396851   | 398206   | 397678   | 0.18   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 128      | 107      | 94       | 110      | 15.29  | cps   |
| Selenium   | 82-1  | 264      | 275      | 336      | 292      | 13.26  | cps   |
| Silicon    | 28-1  | 8848022  | 8851629  | 8913093  | 8870915  | 0.41   | cps   |
| Silver     | 109-1 | 192      | 317      | 317      | 275      | 26.24  | cps   |
| Silver     | 107-1 | 325      | 317      | 350      | 331      | 5.25   | cps   |
| Sodium     | 23-2  | 7335783  | 7322594  | 7340350  | 7332909  | 0.13   | cps   |
| Strontium  | 86-1  | 85738    | 86669    | 84507    | 85638    | 1.27   | cps   |
| Strontium  | 88-1  | 735724   | 737382   | 735195   | 736101   | 0.16   | cps   |
| Sulfur     | 34-1  | 835383   | 823931   | 827613   | 828976   | 0.71   | cps   |
| Terbium    | 159-1 | 14489933 | 14749324 | 14628510 | 14622589 | 0.89   | cps   |
| Terbium    | 159-2 | 7928186  | 7908491  | 7827743  | 7888140  | 0.67   | cps   |
| Thallium   | 203-1 | 267      | 317      | 217      | 267      | 18.75  | cps   |
| Thallium   | 205-1 | 483      | 467      | 617      | 522      | 15.74  | cps   |
| Tin        | 118-1 | 658      | 608      | 733      | 667      | 9.44   | cps   |
| Titanium   | 47-1  | 1117     | 908      | 1158     | 1061     | 12.62  | cps   |
| Uranium    | 238-1 | 450      | 658      | 450      | 519      | 23.16  | cps   |
| Vanadium   | 51-2  | 243      | 240      | 257      | 247      | 3.58   | cps   |
| Yttrium    | 89-1  | 12003830 | 12018963 | 12022934 | 12015242 | 0.08   | cps   |
| Yttrium    | 89-2  | 2037397  | 2026872  | 2019900  | 2028056  | 0.43   | cps   |
| Zinc       | 66-2  | 437842   | 438229   | 436168   | 437413   | 0.25   | cps   |
| Zirconium  | 90-1  | 1584     | 1492     | 1483     | 1520     | 3.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-37-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:07:13  | DataFile Name :   | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 342  | 333  | 322     | 8.31   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-14 Instrumnet Name : P7  
 Client Sample ID : DC24728-38-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:10:40 DataFile Name : 161SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1818     | 1542     | 1625     | 1662     | 8.52   | cps   |
| Antimony   | 121-1 | 842      | 858      | 850      | 850      | 0.98   | cps   |
| Arsenic    | 75-2  | 235      | 196      | 163      | 198      | 18.24  | cps   |
| Barium     | 135-1 | 55344    | 54860    | 55060    | 55088    | 0.44   | cps   |
| Barium     | 137-1 | 96022    | 94513    | 93975    | 94837    | 1.12   | cps   |
| Beryllium  | 9-1   | 33       | 28       | 33       | 31       | 10.18  | cps   |
| Bismuth    | 209-1 | 8913733  | 8941989  | 8637675  | 8831132  | 1.90   | cps   |
| Bismuth    | 209-2 | 5911428  | 5853504  | 5867584  | 5877505  | 0.51   | cps   |
| Boron      | 10-1  | 1684     | 1759     | 1659     | 1700     | 3.06   | cps   |
| Boron      | 11-1  | 8444     | 8536     | 7686     | 8222     | 5.68   | cps   |
| Cadmium    | 111-1 | 2724     | 2991     | 2710     | 2808     | 5.62   | cps   |
| Cadmium    | 106-1 | 3851     | 4243     | 3851     | 3981     | 5.68   | cps   |
| Cadmium    | 108-1 | 13       | 0        | 8        | 7        | 91.66  | cps   |
| Calcium    | 43-1  | 242433   | 242822   | 242082   | 242446   | 0.15   | cps   |
| Calcium    | 44-1  | 4014308  | 4006599  | 3989733  | 4003546  | 0.31   | cps   |
| Chromium   | 52-2  | 2010     | 2120     | 2087     | 2072     | 2.72   | cps   |
| Cobalt     | 59-2  | 137      | 150      | 160      | 149      | 7.86   | cps   |
| Copper     | 63-2  | 643658   | 647277   | 653001   | 647979   | 0.73   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 8        | 44       | 70.99  | cps   |
| Dysprosium | 156-2 | 40       | 37       | 23       | 33       | 26.47  | cps   |
| Erbium     | 164-1 | 67       | 100      | 133      | 100      | 33.33  | cps   |
| Erbium     | 164-2 | 40       | 40       | 47       | 42       | 9.12   | cps   |
| Gadolinium | 160-1 | 150      | 158      | 158      | 156      | 3.09   | cps   |
| Gadolinium | 160-2 | 197      | 157      | 150      | 168      | 15.04  | cps   |
| Holmium    | 165-1 | 13911924 | 13945467 | 13615895 | 13824429 | 1.31   | cps   |
| Holmium    | 165-2 | 8078366  | 7811626  | 7848268  | 7912753  | 1.83   | cps   |
| Indium     | 115-1 | 11420654 | 11303642 | 11092699 | 11272332 | 1.47   | cps   |
| Indium     | 115-2 | 2511835  | 2523093  | 2507458  | 2514129  | 0.32   | cps   |
| Iron       | 56-2  | 119890   | 109939   | 108302   | 112710   | 5.56   | cps   |
| Iron       | 57-2  | 3178     | 3567     | 3668     | 3471     | 7.45   | cps   |
| Lead       | 206-1 | 3045     | 3184     | 3329     | 3186     | 4.45   | cps   |
| Lead       | 207-1 | 2589     | 2567     | 2478     | 2545     | 2.31   | cps   |
| Lead       | 208-1 | 11808    | 11914    | 11919    | 11880    | 0.53   | cps   |
| Lithium    | 6-1   | 1915991  | 1903652  | 1877160  | 1898934  | 1.04   | cps   |
| Magnesium  | 24-2  | 420686   | 420365   | 422027   | 421026   | 0.21   | cps   |
| Manganese  | 55-2  | 22801    | 23653    | 23078    | 23178    | 1.88   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-14 Instrumnet Name : P7  
 Client Sample ID : DC24728-38-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:10:40 DataFile Name : 161SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 558      | 1293     | 837      | 47.65  | cps   |
| Molybdenum | 95-1  | 267      | 317      | 300      | 294      | 8.65   | cps   |
| Molybdenum | 96-1  | 467      | 367      | 375      | 403      | 13.78  | cps   |
| Molybdenum | 97-1  | 258      | 300      | 242      | 267      | 11.27  | cps   |
| Molybdenum | 98-1  | 408      | 408      | 375      | 397      | 4.85   | cps   |
| Neodymium  | 150-1 | 100      | 27       | 27       | 51       | 82.84  | cps   |
| Neodymium  | 150-2 | 47       | 27       | 27       | 33       | 34.64  | cps   |
| Nickel     | 60-2  | 503      | 563      | 490      | 519      | 7.53   | cps   |
| Phosphorus | 31-2  | 6844     | 6468     | 6402     | 6571     | 3.63   | cps   |
| Potassium  | 39-2  | 241830   | 243475   | 242543   | 242616   | 0.34   | cps   |
| Rhodium    | 103-1 | 10706023 | 10758619 | 10452079 | 10638907 | 1.54   | cps   |
| Rhodium    | 103-2 | 5405257  | 5371060  | 5450018  | 5408778  | 0.73   | cps   |
| Scandium   | 45-1  | 7419539  | 7357356  | 7176913  | 7317936  | 1.72   | cps   |
| Scandium   | 45-2  | 394811   | 394703   | 392952   | 394156   | 0.26   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 159      | 150      | 113      | 141      | 17.41  | cps   |
| Selenium   | 82-1  | 160      | 351      | 130      | 214      | 56.14  | cps   |
| Silicon    | 28-1  | 8775764  | 8774188  | 8877281  | 8809078  | 0.67   | cps   |
| Silver     | 109-1 | 200      | 292      | 225      | 239      | 19.84  | cps   |
| Silver     | 107-1 | 367      | 367      | 317      | 350      | 8.25   | cps   |
| Sodium     | 23-2  | 7295176  | 7281489  | 7251406  | 7276024  | 0.31   | cps   |
| Strontium  | 86-1  | 85546    | 85127    | 85890    | 85521    | 0.45   | cps   |
| Strontium  | 88-1  | 752150   | 733351   | 731465   | 738989   | 1.55   | cps   |
| Sulfur     | 34-1  | 843974   | 833758   | 832025   | 836586   | 0.77   | cps   |
| Terbium    | 159-1 | 14389213 | 14504674 | 14053331 | 14315740 | 1.64   | cps   |
| Terbium    | 159-2 | 7732315  | 7710070  | 7680955  | 7707780  | 0.33   | cps   |
| Thallium   | 203-1 | 233      | 225      | 233      | 231      | 2.09   | cps   |
| Thallium   | 205-1 | 558      | 567      | 558      | 561      | 0.86   | cps   |
| Tin        | 118-1 | 592      | 617      | 875      | 694      | 22.59  | cps   |
| Titanium   | 47-1  | 1200     | 942      | 1283     | 1142     | 15.61  | cps   |
| Uranium    | 238-1 | 525      | 617      | 458      | 533      | 14.90  | cps   |
| Vanadium   | 51-2  | 237      | 253      | 233      | 241      | 4.44   | cps   |
| Yttrium    | 89-1  | 11985746 | 11949126 | 11757354 | 11897409 | 1.03   | cps   |
| Yttrium    | 89-2  | 2022738  | 2016321  | 2029738  | 2022932  | 0.33   | cps   |
| Zinc       | 66-2  | 12616    | 12359    | 12359    | 12444    | 1.19   | cps   |
| Zirconium  | 90-1  | 1358     | 1250     | 1300     | 1303     | 4.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-38-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:10:40  | DataFile Name :   | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 367  | 275  | 333     | 15.21  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-15 Instrumnet Name : P7  
 Client Sample ID : DC24728-39-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:14:06 DataFile Name : 162SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2210     | 1475     | 1725     | 1803     | 20.71  | cps   |
| Antimony   | 121-1 | 1275     | 1325     | 1233     | 1278     | 3.59   | cps   |
| Arsenic    | 75-2  | 219      | 191      | 198      | 202      | 7.10   | cps   |
| Barium     | 135-1 | 58424    | 57730    | 56617    | 57590    | 1.58   | cps   |
| Barium     | 137-1 | 102535   | 99254    | 99464    | 100418   | 1.83   | cps   |
| Beryllium  | 9-1   | 56       | 44       | 50       | 50       | 11.11  | cps   |
| Bismuth    | 209-1 | 8981986  | 9163059  | 9115304  | 9086783  | 1.03   | cps   |
| Bismuth    | 209-2 | 5766465  | 5968585  | 5802515  | 5845855  | 1.84   | cps   |
| Boron      | 10-1  | 2025     | 1600     | 1842     | 1822     | 11.70  | cps   |
| Boron      | 11-1  | 9153     | 8870     | 9428     | 9150     | 3.05   | cps   |
| Cadmium    | 111-1 | 3048     | 3190     | 3152     | 3130     | 2.34   | cps   |
| Cadmium    | 106-1 | 4009     | 4326     | 4276     | 4204     | 4.05   | cps   |
| Cadmium    | 108-1 | 42       | 25       | 29       | 32       | 27.15  | cps   |
| Calcium    | 43-1  | 255132   | 244575   | 247127   | 248945   | 2.21   | cps   |
| Calcium    | 44-1  | 4165808  | 4070193  | 4061030  | 4099010  | 1.42   | cps   |
| Chromium   | 52-2  | 1857     | 1763     | 1787     | 1802     | 2.70   | cps   |
| Cobalt     | 59-2  | 213      | 213      | 160      | 196      | 15.75  | cps   |
| Copper     | 63-2  | 775289   | 768264   | 768757   | 770770   | 0.51   | cps   |
| Dysprosium | 156-1 | 67       | 83       | 100      | 83       | 20.00  | cps   |
| Dysprosium | 156-2 | 53       | 30       | 60       | 48       | 32.97  | cps   |
| Erbium     | 164-1 | 150      | 108      | 142      | 133      | 16.54  | cps   |
| Erbium     | 164-2 | 63       | 73       | 70       | 69       | 7.39   | cps   |
| Gadolinium | 160-1 | 183      | 233      | 250      | 222      | 15.61  | cps   |
| Gadolinium | 160-2 | 193      | 187      | 170      | 183      | 6.56   | cps   |
| Holmium    | 165-1 | 14151116 | 14187057 | 13867950 | 14068708 | 1.24   | cps   |
| Holmium    | 165-2 | 7773256  | 7968165  | 7839829  | 7860416  | 1.26   | cps   |
| Indium     | 115-1 | 11574262 | 11652058 | 11354483 | 11526934 | 1.34   | cps   |
| Indium     | 115-2 | 2522162  | 2542099  | 2497515  | 2520592  | 0.89   | cps   |
| Iron       | 56-2  | 144708   | 132474   | 132273   | 136485   | 5.22   | cps   |
| Iron       | 57-2  | 4217     | 3923     | 4568     | 4236     | 7.62   | cps   |
| Lead       | 206-1 | 27418    | 27173    | 26093    | 26895    | 2.62   | cps   |
| Lead       | 207-1 | 23065    | 22920    | 23271    | 23085    | 0.76   | cps   |
| Lead       | 208-1 | 107321   | 106179   | 106014   | 106505   | 0.67   | cps   |
| Lithium    | 6-1   | 1943188  | 1933226  | 1911209  | 1929208  | 0.85   | cps   |
| Magnesium  | 24-2  | 432368   | 431606   | 423594   | 429189   | 1.13   | cps   |
| Manganese  | 55-2  | 39139    | 38771    | 39289    | 39067    | 0.68   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-39-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:14:06  | DataFile Name :   | 162SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 817      | 708      | 850      | 792      | 9.36   | cps   |
| Molybdenum | 95-1  | 267      | 217      | 358      | 281      | 25.61  | cps   |
| Molybdenum | 96-1  | 367      | 375      | 417      | 386      | 6.94   | cps   |
| Molybdenum | 97-1  | 208      | 167      | 192      | 189      | 11.10  | cps   |
| Molybdenum | 98-1  | 492      | 408      | 483      | 461      | 9.95   | cps   |
| Neodymium  | 150-1 | 60       | 67       | 47       | 58       | 17.62  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 7        | 20       | 60.08  | cps   |
| Nickel     | 60-2  | 8066     | 8366     | 7989     | 8140     | 2.45   | cps   |
| Phosphorus | 31-2  | 6702     | 6560     | 6377     | 6546     | 2.49   | cps   |
| Potassium  | 39-2  | 267390   | 273085   | 268669   | 269715   | 1.11   | cps   |
| Rhodium    | 103-1 | 10820220 | 10913351 | 10713785 | 10815785 | 0.92   | cps   |
| Rhodium    | 103-2 | 5409365  | 5484506  | 5390268  | 5428047  | 0.92   | cps   |
| Scandium   | 45-1  | 7423000  | 7561364  | 7399896  | 7461420  | 1.17   | cps   |
| Scandium   | 45-2  | 394464   | 403214   | 400131   | 399270   | 1.11   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 120      | 106      | 117      | 114      | 6.75   | cps   |
| Selenium   | 82-1  | 258      | 271      | 252      | 261      | 3.73   | cps   |
| Silicon    | 28-1  | 8959239  | 8980207  | 8855408  | 8931618  | 0.75   | cps   |
| Silver     | 109-1 | 308      | 442      | 400      | 383      | 17.80  | cps   |
| Silver     | 107-1 | 408      | 467      | 492      | 456      | 9.39   | cps   |
| Sodium     | 23-2  | 7304772  | 7336266  | 7298177  | 7313072  | 0.28   | cps   |
| Strontium  | 86-1  | 89470    | 87140    | 87340    | 87983    | 1.47   | cps   |
| Strontium  | 88-1  | 756641   | 747131   | 748008   | 750593   | 0.70   | cps   |
| Sulfur     | 34-1  | 845712   | 837562   | 845739   | 843004   | 0.56   | cps   |
| Terbium    | 159-1 | 14709901 | 14677623 | 14468878 | 14618801 | 0.89   | cps   |
| Terbium    | 159-2 | 7734871  | 7929656  | 7758415  | 7807647  | 1.36   | cps   |
| Thallium   | 203-1 | 283      | 217      | 225      | 242      | 15.03  | cps   |
| Thallium   | 205-1 | 667      | 692      | 617      | 658      | 5.80   | cps   |
| Tin        | 118-1 | 633      | 675      | 683      | 664      | 4.03   | cps   |
| Titanium   | 47-1  | 1175     | 3754     | 1542     | 2157     | 64.67  | cps   |
| Uranium    | 238-1 | 650      | 517      | 600      | 589      | 11.44  | cps   |
| Vanadium   | 51-2  | 290      | 257      | 253      | 267      | 7.60   | cps   |
| Yttrium    | 89-1  | 12051670 | 12066389 | 11918034 | 12012031 | 0.68   | cps   |
| Yttrium    | 89-2  | 2021365  | 2052334  | 2004999  | 2026233  | 1.19   | cps   |
| Zinc       | 66-2  | 122636   | 122683   | 122852   | 122724   | 0.09   | cps   |
| Zirconium  | 90-1  | 1383     | 1425     | 1292     | 1367     | 4.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-39-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:14:06  | DataFile Name :   | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 475  | 300  | 356     | 29.14  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-16 Instrumnet Name : P7  
 Client Sample ID : DC24728-40-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:17:32 DataFile Name : 163SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1300     | 1409     | 1209     | 1306     | 7.67   | cps   |
| Antimony   | 121-1 | 1000     | 975      | 875      | 950      | 6.96   | cps   |
| Arsenic    | 75-2  | 183      | 194      | 200      | 193      | 4.40   | cps   |
| Barium     | 135-1 | 56005    | 55436    | 54767    | 55403    | 1.12   | cps   |
| Barium     | 137-1 | 98515    | 94957    | 94521    | 95998    | 2.28   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 39       | 28       | 34.65  | cps   |
| Bismuth    | 209-1 | 9126111  | 9099722  | 8982149  | 9069327  | 0.85   | cps   |
| Bismuth    | 209-2 | 5799766  | 5898923  | 5848147  | 5848945  | 0.85   | cps   |
| Boron      | 10-1  | 1825     | 1725     | 1775     | 1775     | 2.82   | cps   |
| Boron      | 11-1  | 9053     | 9053     | 9236     | 9114     | 1.16   | cps   |
| Cadmium    | 111-1 | 2836     | 2792     | 2661     | 2763     | 3.30   | cps   |
| Cadmium    | 106-1 | 4034     | 3976     | 3801     | 3937     | 3.09   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 29       | 19       | 44.61  | cps   |
| Calcium    | 43-1  | 250969   | 243233   | 242758   | 245653   | 1.88   | cps   |
| Calcium    | 44-1  | 4124163  | 4055869  | 4017243  | 4065758  | 1.33   | cps   |
| Chromium   | 52-2  | 1817     | 1817     | 1873     | 1836     | 1.78   | cps   |
| Cobalt     | 59-2  | 137      | 173      | 150      | 153      | 12.10  | cps   |
| Copper     | 63-2  | 649354   | 655129   | 647759   | 650748   | 0.60   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 92       | 78       | 16.37  | cps   |
| Dysprosium | 156-2 | 47       | 23       | 30       | 33       | 36.07  | cps   |
| Erbium     | 164-1 | 150      | 142      | 75       | 122      | 33.64  | cps   |
| Erbium     | 164-2 | 47       | 43       | 50       | 47       | 7.15   | cps   |
| Gadolinium | 160-1 | 267      | 175      | 192      | 211      | 23.13  | cps   |
| Gadolinium | 160-2 | 177      | 147      | 140      | 154      | 12.65  | cps   |
| Holmium    | 165-1 | 14024459 | 14109324 | 13809290 | 13981024 | 1.11   | cps   |
| Holmium    | 165-2 | 7794445  | 7844276  | 7657368  | 7765363  | 1.25   | cps   |
| Indium     | 115-1 | 11468934 | 11437997 | 11331673 | 11412868 | 0.63   | cps   |
| Indium     | 115-2 | 2549855  | 2538183  | 2493850  | 2527296  | 1.17   | cps   |
| Iron       | 56-2  | 124330   | 118257   | 120577   | 121055   | 2.53   | cps   |
| Iron       | 57-2  | 3723     | 3656     | 3912     | 3764     | 3.52   | cps   |
| Lead       | 206-1 | 4501     | 4412     | 4190     | 4368     | 3.67   | cps   |
| Lead       | 207-1 | 3612     | 3373     | 3528     | 3504     | 3.46   | cps   |
| Lead       | 208-1 | 16516    | 16488    | 16071    | 16358    | 1.52   | cps   |
| Lithium    | 6-1   | 1941369  | 1938864  | 1912679  | 1930970  | 0.82   | cps   |
| Magnesium  | 24-2  | 421951   | 430494   | 423388   | 425278   | 1.08   | cps   |
| Manganese  | 55-2  | 28037    | 27800    | 27957    | 27931    | 0.43   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-40-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:17:32  | DataFile Name :   | 163SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 667      | 742      | 692      | 6.26   | cps   |
| Molybdenum | 95-1  | 283      | 308      | 300      | 297      | 4.28   | cps   |
| Molybdenum | 96-1  | 417      | 458      | 342      | 406      | 14.58  | cps   |
| Molybdenum | 97-1  | 300      | 267      | 258      | 275      | 8.02   | cps   |
| Molybdenum | 98-1  | 483      | 650      | 508      | 547      | 16.43  | cps   |
| Neodymium  | 150-1 | 47       | 73       | 73       | 64       | 23.89  | cps   |
| Neodymium  | 150-2 | 50       | 27       | 27       | 34       | 39.10  | cps   |
| Nickel     | 60-2  | 1363     | 1450     | 1437     | 1417     | 3.29   | cps   |
| Phosphorus | 31-2  | 6385     | 6835     | 6552     | 6591     | 3.45   | cps   |
| Potassium  | 39-2  | 242509   | 247361   | 240756   | 243542   | 1.40   | cps   |
| Rhodium    | 103-1 | 10847420 | 10764783 | 10705310 | 10772504 | 0.66   | cps   |
| Rhodium    | 103-2 | 5474570  | 5449448  | 5376648  | 5433555  | 0.94   | cps   |
| Scandium   | 45-1  | 7471549  | 7550553  | 7514710  | 7512271  | 0.53   | cps   |
| Scandium   | 45-2  | 393062   | 401830   | 397094   | 397329   | 1.10   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 107      | 89       | 115      | 104      | 12.88  | cps   |
| Selenium   | 82-1  | 159      | 145      | 15       | 106      | 74.33  | cps   |
| Silicon    | 28-1  | 8967172  | 8947311  | 8791747  | 8902077  | 1.08   | cps   |
| Silver     | 109-1 | 433      | 400      | 267      | 367      | 24.05  | cps   |
| Silver     | 107-1 | 517      | 533      | 533      | 528      | 1.82   | cps   |
| Sodium     | 23-2  | 7331933  | 7343930  | 7312815  | 7329559  | 0.21   | cps   |
| Strontium  | 86-1  | 86946    | 87659    | 84229    | 86278    | 2.10   | cps   |
| Strontium  | 88-1  | 746426   | 745544   | 736381   | 742784   | 0.75   | cps   |
| Sulfur     | 34-1  | 848889   | 851386   | 841342   | 847206   | 0.62   | cps   |
| Terbium    | 159-1 | 14633226 | 14687120 | 14540546 | 14620297 | 0.51   | cps   |
| Terbium    | 159-2 | 7778916  | 7683716  | 7620826  | 7694486  | 1.03   | cps   |
| Thallium   | 203-1 | 217      | 267      | 233      | 239      | 10.66  | cps   |
| Thallium   | 205-1 | 600      | 558      | 750      | 636      | 15.85  | cps   |
| Tin        | 118-1 | 625      | 617      | 692      | 644      | 6.38   | cps   |
| Titanium   | 47-1  | 1308     | 1292     | 1233     | 1278     | 3.08   | cps   |
| Uranium    | 238-1 | 600      | 525      | 475      | 533      | 11.80  | cps   |
| Vanadium   | 51-2  | 267      | 237      | 310      | 271      | 13.60  | cps   |
| Yttrium    | 89-1  | 12184499 | 12024135 | 11912862 | 12040499 | 1.13   | cps   |
| Yttrium    | 89-2  | 2027415  | 2027619  | 2001731  | 2018922  | 0.74   | cps   |
| Zinc       | 66-2  | 8062     | 7629     | 7926     | 7872     | 2.82   | cps   |
| Zirconium  | 90-1  | 1642     | 1383     | 1292     | 1439     | 12.62  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-40-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:17:32  | DataFile Name :   | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 300  | 317  | 306     | 3.15   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-17 Instrumnet Name : P7  
 Client Sample ID : DC24728-41-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:20:58 DataFile Name : 164SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 26600    | 25982    | 25773    | 26118    | 1.65   | cps   |
| Antimony   | 121-1 | 2359     | 2125     | 2159     | 2214     | 5.70   | cps   |
| Arsenic    | 75-2  | 178      | 176      | 189      | 181      | 3.88   | cps   |
| Barium     | 135-1 | 48753    | 47699    | 48460    | 48304    | 1.13   | cps   |
| Barium     | 137-1 | 84910    | 84365    | 84364    | 84546    | 0.37   | cps   |
| Beryllium  | 9-1   | 61       | 28       | 44       | 44       | 37.49  | cps   |
| Bismuth    | 209-1 | 8752648  | 9186743  | 9217566  | 9052319  | 2.87   | cps   |
| Bismuth    | 209-2 | 5860035  | 5803568  | 5672949  | 5778851  | 1.66   | cps   |
| Boron      | 10-1  | 1959     | 1742     | 1934     | 1878     | 6.31   | cps   |
| Boron      | 11-1  | 9195     | 8878     | 9045     | 9039     | 1.75   | cps   |
| Cadmium    | 111-1 | 2876     | 2862     | 3111     | 2950     | 4.73   | cps   |
| Cadmium    | 106-1 | 4009     | 3984     | 4343     | 4112     | 4.87   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 42       | 29       | 37.81  | cps   |
| Calcium    | 43-1  | 247647   | 241560   | 242396   | 243868   | 1.35   | cps   |
| Calcium    | 44-1  | 4097262  | 4011631  | 4038495  | 4049129  | 1.08   | cps   |
| Chromium   | 52-2  | 1803     | 1823     | 1777     | 1801     | 1.30   | cps   |
| Cobalt     | 59-2  | 683      | 820      | 743      | 749      | 9.15   | cps   |
| Copper     | 63-2  | 759933   | 769613   | 761091   | 763546   | 0.69   | cps   |
| Dysprosium | 156-1 | 108      | 83       | 75       | 89       | 19.52  | cps   |
| Dysprosium | 156-2 | 30       | 40       | 47       | 39       | 21.57  | cps   |
| Erbium     | 164-1 | 150      | 117      | 100      | 122      | 20.83  | cps   |
| Erbium     | 164-2 | 73       | 77       | 87       | 79       | 8.79   | cps   |
| Gadolinium | 160-1 | 200      | 183      | 217      | 200      | 8.33   | cps   |
| Gadolinium | 160-2 | 180      | 180      | 187      | 182      | 2.11   | cps   |
| Holmium    | 165-1 | 13893199 | 14153309 | 14316548 | 14121019 | 1.51   | cps   |
| Holmium    | 165-2 | 7898734  | 7814210  | 7687305  | 7800083  | 1.36   | cps   |
| Indium     | 115-1 | 11257082 | 11501163 | 11519486 | 11425911 | 1.28   | cps   |
| Indium     | 115-2 | 2495536  | 2550999  | 2496008  | 2514181  | 1.27   | cps   |
| Iron       | 56-2  | 134559   | 130170   | 131946   | 132225   | 1.67   | cps   |
| Iron       | 57-2  | 3917     | 3995     | 4173     | 4029     | 3.25   | cps   |
| Lead       | 206-1 | 21000    | 21073    | 20183    | 20752    | 2.38   | cps   |
| Lead       | 207-1 | 17662    | 17595    | 18080    | 17779    | 1.48   | cps   |
| Lead       | 208-1 | 81242    | 81014    | 82018    | 81425    | 0.65   | cps   |
| Lithium    | 6-1   | 1928427  | 1962121  | 1937724  | 1942757  | 0.90   | cps   |
| Magnesium  | 24-2  | 437972   | 436301   | 436236   | 436836   | 0.23   | cps   |
| Manganese  | 55-2  | 42984    | 42822    | 43765    | 43191    | 1.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-41-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:20:58  | DataFile Name :   | 164SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 617      | 742      | 725      | 694      | 9.77   | cps   |
| Molybdenum | 95-1  | 300      | 292      | 275      | 289      | 4.41   | cps   |
| Molybdenum | 96-1  | 342      | 342      | 367      | 350      | 4.12   | cps   |
| Molybdenum | 97-1  | 208      | 308      | 283      | 267      | 19.52  | cps   |
| Molybdenum | 98-1  | 383      | 458      | 425      | 422      | 8.90   | cps   |
| Neodymium  | 150-1 | 53       | 67       | 80       | 67       | 19.99  | cps   |
| Neodymium  | 150-2 | 23       | 17       | 30       | 23       | 28.56  | cps   |
| Nickel     | 60-2  | 8823     | 8846     | 8409     | 8693     | 2.83   | cps   |
| Phosphorus | 31-2  | 6593     | 6844     | 6385     | 6607     | 3.47   | cps   |
| Potassium  | 39-2  | 242278   | 243903   | 242820   | 243001   | 0.34   | cps   |
| Rhodium    | 103-1 | 10535155 | 10936150 | 10832089 | 10767798 | 1.93   | cps   |
| Rhodium    | 103-2 | 5394251  | 5426529  | 5366140  | 5395640  | 0.56   | cps   |
| Scandium   | 45-1  | 7426256  | 7475928  | 7587216  | 7496466  | 1.10   | cps   |
| Scandium   | 45-2  | 392920   | 397570   | 389813   | 393434   | 0.99   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 109      | 128      | 106      | 114      | 10.42  | cps   |
| Selenium   | 82-1  | 148      | 255      | 263      | 222      | 29.01  | cps   |
| Silicon    | 28-1  | 9048157  | 9133150  | 8915382  | 9032230  | 1.22   | cps   |
| Silver     | 109-1 | 325      | 450      | 342      | 372      | 18.23  | cps   |
| Silver     | 107-1 | 392      | 408      | 358      | 386      | 6.59   | cps   |
| Sodium     | 23-2  | 7414151  | 7421573  | 7379216  | 7404980  | 0.31   | cps   |
| Strontium  | 86-1  | 82478    | 81884    | 81356    | 81906    | 0.69   | cps   |
| Strontium  | 88-1  | 702677   | 700986   | 695097   | 699587   | 0.57   | cps   |
| Sulfur     | 34-1  | 839577   | 829270   | 834650   | 834499   | 0.62   | cps   |
| Terbium    | 159-1 | 14446324 | 14924009 | 14775072 | 14715135 | 1.66   | cps   |
| Terbium    | 159-2 | 7733107  | 7945748  | 7657091  | 7778649  | 1.92   | cps   |
| Thallium   | 203-1 | 308      | 242      | 300      | 283      | 12.82  | cps   |
| Thallium   | 205-1 | 542      | 508      | 617      | 556      | 9.99   | cps   |
| Tin        | 118-1 | 6552     | 5985     | 6052     | 6196     | 5.00   | cps   |
| Titanium   | 47-1  | 1242     | 1133     | 1167     | 1181     | 4.70   | cps   |
| Uranium    | 238-1 | 525      | 525      | 425      | 492      | 11.74  | cps   |
| Vanadium   | 51-2  | 310      | 317      | 257      | 294      | 11.17  | cps   |
| Yttrium    | 89-1  | 11775947 | 12101971 | 11926389 | 11934769 | 1.37   | cps   |
| Yttrium    | 89-2  | 2015487  | 2027152  | 2003615  | 2015418  | 0.58   | cps   |
| Zinc       | 66-2  | 95050    | 95439    | 94912    | 95134    | 0.29   | cps   |
| Zirconium  | 90-1  | 1467     | 1484     | 1517     | 1489     | 1.71   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-41-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:20:58  | DataFile Name :   | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 417  | 367  | 350     | 21.82  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-18 Instrumnet Name : P7  
 Client Sample ID : DC24728-42-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:24:24 DataFile Name : 165SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4162     | 4001     | 3509     | 3890     | 8.74   | cps   |
| Antimony   | 121-1 | 700      | 750      | 708      | 719      | 3.72   | cps   |
| Arsenic    | 75-2  | 193      | 204      | 185      | 194      | 4.81   | cps   |
| Barium     | 135-1 | 54265    | 54106    | 53329    | 53900    | 0.93   | cps   |
| Barium     | 137-1 | 93723    | 94612    | 92557    | 93631    | 1.10   | cps   |
| Beryllium  | 9-1   | 44       | 22       | 50       | 39       | 37.80  | cps   |
| Bismuth    | 209-1 | 9064880  | 8972630  | 8814555  | 8950688  | 1.41   | cps   |
| Bismuth    | 209-2 | 5867412  | 5796566  | 5836098  | 5833359  | 0.61   | cps   |
| Boron      | 10-1  | 1492     | 1742     | 1650     | 1628     | 7.77   | cps   |
| Boron      | 11-1  | 8469     | 8536     | 8553     | 8519     | 0.52   | cps   |
| Cadmium    | 111-1 | 2776     | 2779     | 2828     | 2794     | 1.04   | cps   |
| Cadmium    | 106-1 | 3934     | 3976     | 4034     | 3981     | 1.26   | cps   |
| Cadmium    | 108-1 | 4        | 29       | 13       | 15       | 83.31  | cps   |
| Calcium    | 43-1  | 247665   | 245159   | 247782   | 246869   | 0.60   | cps   |
| Calcium    | 44-1  | 4091248  | 4061514  | 4057496  | 4070086  | 0.45   | cps   |
| Chromium   | 52-2  | 1733     | 1740     | 1723     | 1732     | 0.48   | cps   |
| Cobalt     | 59-2  | 217      | 193      | 200      | 203      | 5.91   | cps   |
| Copper     | 63-2  | 250466   | 249870   | 248038   | 249458   | 0.51   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 92       | 78       | 16.37  | cps   |
| Dysprosium | 156-2 | 50       | 47       | 27       | 41       | 30.69  | cps   |
| Erbium     | 164-1 | 83       | 117      | 75       | 92       | 24.05  | cps   |
| Erbium     | 164-2 | 50       | 60       | 60       | 57       | 10.19  | cps   |
| Gadolinium | 160-1 | 158      | 150      | 267      | 192      | 33.96  | cps   |
| Gadolinium | 160-2 | 187      | 180      | 137      | 168      | 16.18  | cps   |
| Holmium    | 165-1 | 14096917 | 14104570 | 13941884 | 14047790 | 0.65   | cps   |
| Holmium    | 165-2 | 7843802  | 7799618  | 7733637  | 7792352  | 0.71   | cps   |
| Indium     | 115-1 | 11423488 | 11486998 | 11294228 | 11401571 | 0.86   | cps   |
| Indium     | 115-2 | 2488525  | 2480093  | 2520019  | 2496212  | 0.84   | cps   |
| Iron       | 56-2  | 746383   | 742323   | 732330   | 740345   | 0.98   | cps   |
| Iron       | 57-2  | 18851    | 18901    | 19369    | 19041    | 1.50   | cps   |
| Lead       | 206-1 | 2889     | 2656     | 2745     | 2763     | 4.26   | cps   |
| Lead       | 207-1 | 2367     | 2428     | 2284     | 2360     | 3.07   | cps   |
| Lead       | 208-1 | 10974    | 10924    | 10874    | 10924    | 0.46   | cps   |
| Lithium    | 6-1   | 1911878  | 1916865  | 1905823  | 1911522  | 0.29   | cps   |
| Magnesium  | 24-2  | 418995   | 421215   | 422542   | 420917   | 0.43   | cps   |
| Manganese  | 55-2  | 36048    | 36606    | 36098    | 36250    | 0.85   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-18 Instrumnet Name : P7  
 Client Sample ID : DC24728-42-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:24:24 DataFile Name : 165SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 683      | 608      | 714      | 17.33  | cps   |
| Molybdenum | 95-1  | 217      | 267      | 350      | 278      | 24.25  | cps   |
| Molybdenum | 96-1  | 400      | 483      | 475      | 453      | 10.14  | cps   |
| Molybdenum | 97-1  | 300      | 267      | 217      | 261      | 16.06  | cps   |
| Molybdenum | 98-1  | 550      | 450      | 383      | 461      | 18.19  | cps   |
| Neodymium  | 150-1 | 87       | 47       | 87       | 73       | 31.49  | cps   |
| Neodymium  | 150-2 | 10       | 17       | 20       | 16       | 32.73  | cps   |
| Nickel     | 60-2  | 823      | 927      | 840      | 863      | 6.43   | cps   |
| Phosphorus | 31-2  | 6127     | 6760     | 6794     | 6560     | 5.73   | cps   |
| Potassium  | 39-2  | 243389   | 246302   | 247360   | 245684   | 0.84   | cps   |
| Rhodium    | 103-1 | 10742697 | 10849050 | 10564667 | 10718804 | 1.34   | cps   |
| Rhodium    | 103-2 | 5398400  | 5320417  | 5343669  | 5354162  | 0.75   | cps   |
| Scandium   | 45-1  | 7581661  | 7475904  | 7285778  | 7447781  | 2.01   | cps   |
| Scandium   | 45-2  | 395958   | 392936   | 399673   | 396189   | 0.85   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 115      | 113      | 94       | 107      | 10.49  | cps   |
| Selenium   | 82-1  | 198      | 211      | 271      | 227      | 17.30  | cps   |
| Silicon    | 28-1  | 8877921  | 8789568  | 8675195  | 8780895  | 1.16   | cps   |
| Silver     | 109-1 | 200      | 200      | 150      | 183      | 15.75  | cps   |
| Silver     | 107-1 | 208      | 208      | 358      | 258      | 33.52  | cps   |
| Sodium     | 23-2  | 7243260  | 7268790  | 7277053  | 7263034  | 0.24   | cps   |
| Strontium  | 86-1  | 85118    | 85806    | 84029    | 84984    | 1.05   | cps   |
| Strontium  | 88-1  | 734173   | 734239   | 729492   | 732635   | 0.37   | cps   |
| Sulfur     | 34-1  | 814796   | 821416   | 815747   | 817320   | 0.44   | cps   |
| Terbium    | 159-1 | 14578857 | 14632265 | 14334834 | 14515319 | 1.09   | cps   |
| Terbium    | 159-2 | 7635789  | 7765622  | 7689634  | 7697015  | 0.85   | cps   |
| Thallium   | 203-1 | 292      | 217      | 258      | 256      | 14.70  | cps   |
| Thallium   | 205-1 | 475      | 517      | 533      | 508      | 5.91   | cps   |
| Tin        | 118-1 | 808      | 792      | 800      | 800      | 1.04   | cps   |
| Titanium   | 47-1  | 1283     | 1242     | 1183     | 1236     | 4.07   | cps   |
| Uranium    | 238-1 | 592      | 483      | 667      | 581      | 15.88  | cps   |
| Vanadium   | 51-2  | 313      | 317      | 287      | 306      | 5.38   | cps   |
| Yttrium    | 89-1  | 11883943 | 12027712 | 11789311 | 11900322 | 1.01   | cps   |
| Yttrium    | 89-2  | 2019170  | 1991297  | 2008759  | 2006408  | 0.70   | cps   |
| Zinc       | 66-2  | 6595     | 6372     | 6698     | 6555     | 2.55   | cps   |
| Zirconium  | 90-1  | 1400     | 1592     | 1342     | 1445     | 9.06   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-42-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:24:24  | DataFile Name :   | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 208  | 250  | 247     | 15.20  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-19 Instrumnet Name : P7  
 Client Sample ID : DC24728-43-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:27:50 DataFile Name : 166SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2528     | 1609     | 1467     | 1868     | 30.85  | cps   |
| Antimony   | 121-1 | 1433     | 1250     | 1267     | 1317     | 7.70   | cps   |
| Arsenic    | 75-2  | 193      | 169      | 222      | 194      | 13.84  | cps   |
| Barium     | 135-1 | 57603    | 56239    | 57177    | 57006    | 1.22   | cps   |
| Barium     | 137-1 | 97667    | 100093   | 97349    | 98370    | 1.53   | cps   |
| Beryllium  | 9-1   | 44       | 33       | 11       | 30       | 57.29  | cps   |
| Bismuth    | 209-1 | 8976179  | 8940120  | 8945558  | 8953952  | 0.22   | cps   |
| Bismuth    | 209-2 | 5763531  | 5859660  | 5797918  | 5807036  | 0.84   | cps   |
| Boron      | 10-1  | 1859     | 1900     | 1942     | 1900     | 2.19   | cps   |
| Boron      | 11-1  | 9195     | 9312     | 9753     | 9420     | 3.13   | cps   |
| Cadmium    | 111-1 | 2908     | 2659     | 2903     | 2823     | 5.04   | cps   |
| Cadmium    | 106-1 | 4059     | 3617     | 3976     | 3884     | 6.04   | cps   |
| Cadmium    | 108-1 | 42       | 21       | 25       | 29       | 37.81  | cps   |
| Calcium    | 43-1  | 245184   | 245031   | 242988   | 244401   | 0.50   | cps   |
| Calcium    | 44-1  | 4067983  | 4057481  | 4013816  | 4046427  | 0.71   | cps   |
| Chromium   | 52-2  | 1603     | 1860     | 1793     | 1752     | 7.60   | cps   |
| Cobalt     | 59-2  | 267      | 227      | 250      | 248      | 8.11   | cps   |
| Copper     | 63-2  | 760935   | 768731   | 767986   | 765884   | 0.56   | cps   |
| Dysprosium | 156-1 | 67       | 33       | 92       | 64       | 45.81  | cps   |
| Dysprosium | 156-2 | 13       | 53       | 27       | 31       | 65.47  | cps   |
| Erbium     | 164-1 | 108      | 83       | 125      | 106      | 19.87  | cps   |
| Erbium     | 164-2 | 43       | 60       | 53       | 52       | 16.07  | cps   |
| Gadolinium | 160-1 | 167      | 175      | 175      | 172      | 2.80   | cps   |
| Gadolinium | 160-2 | 173      | 223      | 133      | 177      | 25.52  | cps   |
| Holmium    | 165-1 | 14058382 | 14000035 | 13909547 | 13989321 | 0.54   | cps   |
| Holmium    | 165-2 | 7674237  | 7796828  | 7710687  | 7727251  | 0.81   | cps   |
| Indium     | 115-1 | 11384973 | 11318883 | 11364517 | 11356124 | 0.30   | cps   |
| Indium     | 115-2 | 2482370  | 2525117  | 2499200  | 2502229  | 0.86   | cps   |
| Iron       | 56-2  | 126190   | 125272   | 127431   | 126298   | 0.86   | cps   |
| Iron       | 57-2  | 4067     | 3956     | 3878     | 3967     | 2.39   | cps   |
| Lead       | 206-1 | 23265    | 23705    | 23260    | 23410    | 1.09   | cps   |
| Lead       | 207-1 | 19910    | 20311    | 19943    | 20055    | 1.11   | cps   |
| Lead       | 208-1 | 92077    | 92800    | 91402    | 92093    | 0.76   | cps   |
| Lithium    | 6-1   | 1912775  | 1897011  | 1878656  | 1896147  | 0.90   | cps   |
| Magnesium  | 24-2  | 426479   | 423309   | 426696   | 425495   | 0.45   | cps   |
| Manganese  | 55-2  | 34754    | 35312    | 35393    | 35153    | 0.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-43-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:27:50  | DataFile Name :   | 166SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 783      | 683      | 728      | 7.00   | cps   |
| Molybdenum | 95-1  | 300      | 225      | 325      | 283      | 18.37  | cps   |
| Molybdenum | 96-1  | 400      | 425      | 375      | 400      | 6.25   | cps   |
| Molybdenum | 97-1  | 233      | 242      | 267      | 247      | 7.02   | cps   |
| Molybdenum | 98-1  | 492      | 367      | 400      | 419      | 15.43  | cps   |
| Neodymium  | 150-1 | 33       | 47       | 47       | 42       | 18.24  | cps   |
| Neodymium  | 150-2 | 37       | 23       | 43       | 34       | 29.57  | cps   |
| Nickel     | 60-2  | 10511    | 10714    | 10941    | 10722    | 2.01   | cps   |
| Phosphorus | 31-2  | 6110     | 6443     | 6143     | 6232     | 2.95   | cps   |
| Potassium  | 39-2  | 270744   | 270641   | 275563   | 272316   | 1.03   | cps   |
| Rhodium    | 103-1 | 10766056 | 10689001 | 10770966 | 10742007 | 0.43   | cps   |
| Rhodium    | 103-2 | 5285835  | 5417312  | 5392806  | 5365318  | 1.30   | cps   |
| Scandium   | 45-1  | 7518311  | 7422578  | 7506598  | 7482495  | 0.70   | cps   |
| Scandium   | 45-2  | 389581   | 393734   | 387965   | 390427   | 0.76   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 139      | 137      | 117      | 131      | 9.42   | cps   |
| Selenium   | 82-1  | 378      | 366      | 598      | 447      | 29.22  | cps   |
| Silicon    | 28-1  | 9223447  | 8678125  | 8651457  | 8851010  | 3.65   | cps   |
| Silver     | 109-1 | 333      | 467      | 433      | 411      | 16.88  | cps   |
| Silver     | 107-1 | 417      | 408      | 325      | 383      | 13.22  | cps   |
| Sodium     | 23-2  | 7218806  | 7274609  | 7283801  | 7259072  | 0.48   | cps   |
| Strontium  | 86-1  | 86033    | 86576    | 86209    | 86273    | 0.32   | cps   |
| Strontium  | 88-1  | 756179   | 743105   | 739216   | 746167   | 1.19   | cps   |
| Sulfur     | 34-1  | 786738   | 785509   | 788463   | 786903   | 0.19   | cps   |
| Terbium    | 159-1 | 14671968 | 14329104 | 14470324 | 14490465 | 1.19   | cps   |
| Terbium    | 159-2 | 7783823  | 7655744  | 7674076  | 7704548  | 0.90   | cps   |
| Thallium   | 203-1 | 225      | 150      | 242      | 206      | 23.75  | cps   |
| Thallium   | 205-1 | 492      | 692      | 575      | 586      | 17.14  | cps   |
| Tin        | 118-1 | 642      | 575      | 833      | 683      | 19.63  | cps   |
| Titanium   | 47-1  | 917      | 1300     | 1217     | 1145     | 17.62  | cps   |
| Uranium    | 238-1 | 392      | 542      | 517      | 483      | 16.63  | cps   |
| Vanadium   | 51-2  | 323      | 293      | 253      | 290      | 12.11  | cps   |
| Yttrium    | 89-1  | 11999937 | 11924764 | 11862666 | 11929123 | 0.58   | cps   |
| Yttrium    | 89-2  | 1986202  | 2015148  | 1997801  | 1999717  | 0.73   | cps   |
| Zinc       | 66-2  | 142228   | 142470   | 145405   | 143367   | 1.23   | cps   |
| Zirconium  | 90-1  | 1700     | 1550     | 1408     | 1553     | 9.39   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-43-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:27:50  | DataFile Name :   | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 317  | 317  | 344     | 13.97  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-44-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:31:16  | DataFile Name :   | 167SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1392     | 1242     | 2094     | 1576     | 28.86  | cps   |
| Antimony   | 121-1 | 850      | 967      | 1058     | 958      | 10.90  | cps   |
| Arsenic    | 75-2  | 198      | 206      | 215      | 206      | 4.05   | cps   |
| Barium     | 135-1 | 54867    | 55168    | 54742    | 54926    | 0.40   | cps   |
| Barium     | 137-1 | 94521    | 96971    | 93119    | 94870    | 2.06   | cps   |
| Beryllium  | 9-1   | 39       | 33       | 22       | 31       | 26.96  | cps   |
| Bismuth    | 209-1 | 9096542  | 9593328  | 9395481  | 9361783  | 2.67   | cps   |
| Bismuth    | 209-2 | 5792751  | 5648101  | 5757491  | 5732781  | 1.32   | cps   |
| Boron      | 10-1  | 1575     | 1417     | 1759     | 1583     | 10.80  | cps   |
| Boron      | 11-1  | 8344     | 9045     | 8128     | 8506     | 5.64   | cps   |
| Cadmium    | 111-1 | 2455     | 2794     | 2703     | 2651     | 6.63   | cps   |
| Cadmium    | 106-1 | 3484     | 3976     | 3851     | 3770     | 6.78   | cps   |
| Cadmium    | 108-1 | 25       | 8        | 13       | 15       | 56.79  | cps   |
| Calcium    | 43-1  | 245067   | 242389   | 240761   | 242739   | 0.90   | cps   |
| Calcium    | 44-1  | 3997384  | 4011722  | 3955397  | 3988167  | 0.73   | cps   |
| Chromium   | 52-2  | 1643     | 1810     | 1783     | 1746     | 5.13   | cps   |
| Cobalt     | 59-2  | 127      | 163      | 190      | 160      | 19.87  | cps   |
| Copper     | 63-2  | 660591   | 650528   | 649307   | 653475   | 0.95   | cps   |
| Dysprosium | 156-1 | 33       | 75       | 67       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 47       | 37       | 37       | 40       | 14.43  | cps   |
| Erbium     | 164-1 | 83       | 100      | 117      | 100      | 16.66  | cps   |
| Erbium     | 164-2 | 63       | 50       | 40       | 51       | 22.90  | cps   |
| Gadolinium | 160-1 | 175      | 167      | 208      | 183      | 12.03  | cps   |
| Gadolinium | 160-2 | 167      | 143      | 180      | 163      | 11.36  | cps   |
| Holmium    | 165-1 | 14350861 | 14641897 | 14392153 | 14461637 | 1.09   | cps   |
| Holmium    | 165-2 | 7869868  | 7537984  | 7678492  | 7695448  | 2.16   | cps   |
| Indium     | 115-1 | 11534068 | 11854829 | 11733041 | 11707313 | 1.38   | cps   |
| Indium     | 115-2 | 2524994  | 2488386  | 2453377  | 2488919  | 1.44   | cps   |
| Iron       | 56-2  | 121860   | 120426   | 118908   | 120398   | 1.23   | cps   |
| Iron       | 57-2  | 4223     | 3639     | 3573     | 3812     | 9.39   | cps   |
| Lead       | 206-1 | 3645     | 3890     | 3656     | 3730     | 3.70   | cps   |
| Lead       | 207-1 | 3301     | 3306     | 3212     | 3273     | 1.62   | cps   |
| Lead       | 208-1 | 14426    | 14876    | 14353    | 14552    | 1.95   | cps   |
| Lithium    | 6-1   | 1903742  | 1944666  | 1927007  | 1925139  | 1.07   | cps   |
| Magnesium  | 24-2  | 428114   | 424134   | 421041   | 424430   | 0.84   | cps   |
| Manganese  | 55-2  | 30950    | 30472    | 30194    | 30539    | 1.25   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-44-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:31:16  | DataFile Name :   | 167SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 525      | 658      | 500      | 561      | 15.17  | cps   |
| Molybdenum | 95-1  | 308      | 267      | 367      | 314      | 16.00  | cps   |
| Molybdenum | 96-1  | 292      | 392      | 375      | 353      | 15.19  | cps   |
| Molybdenum | 97-1  | 283      | 192      | 317      | 264      | 24.53  | cps   |
| Molybdenum | 98-1  | 500      | 475      | 508      | 494      | 3.51   | cps   |
| Neodymium  | 150-1 | 40       | 60       | 67       | 56       | 24.98  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 20       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 1153     | 1157     | 1150     | 1153     | 0.29   | cps   |
| Phosphorus | 31-2  | 6427     | 6777     | 6068     | 6424     | 5.52   | cps   |
| Potassium  | 39-2  | 242298   | 239459   | 241104   | 240954   | 0.59   | cps   |
| Rhodium    | 103-1 | 10878623 | 11159176 | 11017412 | 11018404 | 1.27   | cps   |
| Rhodium    | 103-2 | 5447997  | 5345849  | 5313387  | 5369078  | 1.31   | cps   |
| Scandium   | 45-1  | 7471387  | 7896178  | 7667792  | 7678452  | 2.77   | cps   |
| Scandium   | 45-2  | 398253   | 391031   | 387266   | 392183   | 1.42   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 111      | 128      | 107      | 115      | 9.40   | cps   |
| Selenium   | 82-1  | 259      | 336      | 353      | 316      | 16.00  | cps   |
| Silicon    | 28-1  | 8739373  | 8751448  | 8701567  | 8730796  | 0.30   | cps   |
| Silver     | 109-1 | 375      | 408      | 342      | 375      | 8.89   | cps   |
| Silver     | 107-1 | 450      | 383      | 508      | 447      | 13.99  | cps   |
| Sodium     | 23-2  | 7356804  | 7234477  | 7249145  | 7280142  | 0.92   | cps   |
| Strontium  | 86-1  | 84675    | 86728    | 84305    | 85236    | 1.53   | cps   |
| Strontium  | 88-1  | 738369   | 736495   | 729856   | 734907   | 0.61   | cps   |
| Sulfur     | 34-1  | 807789   | 804318   | 804603   | 805570   | 0.24   | cps   |
| Terbium    | 159-1 | 14764432 | 15070702 | 14833812 | 14889649 | 1.08   | cps   |
| Terbium    | 159-2 | 7766657  | 7665026  | 7632199  | 7687961  | 0.91   | cps   |
| Thallium   | 203-1 | 217      | 283      | 217      | 239      | 16.11  | cps   |
| Thallium   | 205-1 | 492      | 542      | 650      | 561      | 14.43  | cps   |
| Tin        | 118-1 | 542      | 508      | 592      | 547      | 7.66   | cps   |
| Titanium   | 47-1  | 1058     | 1300     | 1208     | 1189     | 10.26  | cps   |
| Uranium    | 238-1 | 542      | 592      | 500      | 544      | 8.43   | cps   |
| Vanadium   | 51-2  | 253      | 293      | 250      | 266      | 9.08   | cps   |
| Yttrium    | 89-1  | 12124757 | 12347266 | 12290456 | 12254160 | 0.94   | cps   |
| Yttrium    | 89-2  | 2038065  | 1984894  | 1999684  | 2007547  | 1.37   | cps   |
| Zinc       | 66-2  | 7229     | 7219     | 6648     | 7032     | 4.72   | cps   |
| Zirconium  | 90-1  | 1258     | 1500     | 1367     | 1375     | 8.80   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-44-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:31:16  | DataFile Name :   | 167SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 342  | 342  | 306     | 20.47  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-45-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:34:42  | DataFile Name :   | 168SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 32294    | 32110    | 32428    | 32277    | 0.49   | cps   |
| Antimony   | 121-1 | 1092     | 1125     | 1033     | 1083     | 4.28   | cps   |
| Arsenic    | 75-2  | 228      | 209      | 180      | 206      | 11.82  | cps   |
| Barium     | 135-1 | 70077    | 68612    | 67723    | 68804    | 1.73   | cps   |
| Barium     | 137-1 | 120209   | 119167   | 119217   | 119531   | 0.49   | cps   |
| Beryllium  | 9-1   | 44       | 22       | 17       | 28       | 52.92  | cps   |
| Bismuth    | 209-1 | 9476659  | 9491758  | 9170032  | 9379483  | 1.94   | cps   |
| Bismuth    | 209-2 | 5637096  | 6523048  | 5755101  | 5971748  | 8.06   | cps   |
| Boron      | 10-1  | 1917     | 1950     | 2059     | 1975     | 3.75   | cps   |
| Boron      | 11-1  | 10179    | 10371    | 10204    | 10251    | 1.02   | cps   |
| Cadmium    | 111-1 | 3175     | 3032     | 2972     | 3060     | 3.40   | cps   |
| Cadmium    | 106-1 | 4251     | 4209     | 4034     | 4165     | 2.76   | cps   |
| Cadmium    | 108-1 | 67       | 133      | 92       | 97       | 34.64  | cps   |
| Calcium    | 43-1  | 267997   | 265746   | 262075   | 265273   | 1.13   | cps   |
| Calcium    | 44-1  | 4477682  | 4409200  | 4348389  | 4411757  | 1.47   | cps   |
| Chromium   | 52-2  | 1943     | 1953     | 1934     | 1943     | 0.51   | cps   |
| Cobalt     | 59-2  | 907      | 857      | 947      | 903      | 4.99   | cps   |
| Copper     | 63-2  | 1172470  | 1174122  | 1183698  | 1176764  | 0.52   | cps   |
| Dysprosium | 156-1 | 108      | 183      | 117      | 136      | 30.20  | cps   |
| Dysprosium | 156-2 | 73       | 57       | 50       | 60       | 20.03  | cps   |
| Erbium     | 164-1 | 175      | 142      | 175      | 164      | 11.74  | cps   |
| Erbium     | 164-2 | 117      | 90       | 87       | 98       | 16.82  | cps   |
| Gadolinium | 160-1 | 275      | 325      | 325      | 308      | 9.36   | cps   |
| Gadolinium | 160-2 | 203      | 183      | 210      | 199      | 6.98   | cps   |
| Holmium    | 165-1 | 14580012 | 14387150 | 14061432 | 14342864 | 1.83   | cps   |
| Holmium    | 165-2 | 7829177  | 8178306  | 7749045  | 7918843  | 2.88   | cps   |
| Indium     | 115-1 | 11910001 | 11775985 | 11520254 | 11735413 | 1.69   | cps   |
| Indium     | 115-2 | 2504709  | 2637826  | 2480904  | 2541146  | 3.33   | cps   |
| Iron       | 56-2  | 306391   | 304776   | 314584   | 308584   | 1.70   | cps   |
| Iron       | 57-2  | 8125     | 8492     | 8625     | 8414     | 3.08   | cps   |
| Lead       | 206-1 | 89672    | 88604    | 86274    | 88183    | 1.97   | cps   |
| Lead       | 207-1 | 76380    | 74849    | 74676    | 75302    | 1.25   | cps   |
| Lead       | 208-1 | 350535   | 347016   | 341256   | 346269   | 1.35   | cps   |
| Lithium    | 6-1   | 1989665  | 1957653  | 1922375  | 1956564  | 1.72   | cps   |
| Magnesium  | 24-2  | 444524   | 442902   | 449204   | 445543   | 0.73   | cps   |
| Manganese  | 55-2  | 56160    | 55297    | 56906    | 56121    | 1.44   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-45-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:34:42  | DataFile Name :   | 168SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 692      | 558      | 575      | 608      | 11.94  | cps   |
| Molybdenum | 95-1  | 300      | 283      | 208      | 264      | 18.51  | cps   |
| Molybdenum | 96-1  | 417      | 308      | 392      | 372      | 15.24  | cps   |
| Molybdenum | 97-1  | 283      | 292      | 300      | 292      | 2.86   | cps   |
| Molybdenum | 98-1  | 442      | 458      | 492      | 464      | 5.49   | cps   |
| Neodymium  | 150-1 | 53       | 80       | 87       | 73       | 24.05  | cps   |
| Neodymium  | 150-2 | 30       | 27       | 60       | 39       | 47.20  | cps   |
| Nickel     | 60-2  | 27549    | 27900    | 27456    | 27635    | 0.85   | cps   |
| Phosphorus | 31-2  | 6127     | 6001     | 6310     | 6146     | 2.52   | cps   |
| Potassium  | 39-2  | 263365   | 261117   | 263236   | 262573   | 0.48   | cps   |
| Rhodium    | 103-1 | 11274402 | 10983591 | 10811928 | 11023307 | 2.12   | cps   |
| Rhodium    | 103-2 | 5354313  | 5664363  | 5323538  | 5447405  | 3.46   | cps   |
| Scandium   | 45-1  | 7906931  | 7789683  | 7552879  | 7749831  | 2.33   | cps   |
| Scandium   | 45-2  | 390382   | 424325   | 396097   | 403602   | 4.50   | cps   |
| Selenium   | 77-2  | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 139      | 102      | 144      | 128      | 18.04  | cps   |
| Selenium   | 82-1  | 375      | 308      | 409      | 364      | 14.14  | cps   |
| Silicon    | 28-1  | 9447116  | 9298044  | 9300525  | 9348562  | 0.91   | cps   |
| Silver     | 109-1 | 708      | 843      | 467      | 673      | 28.32  | cps   |
| Silver     | 107-1 | 692      | 642      | 433      | 589      | 23.27  | cps   |
| Sodium     | 23-2  | 7336274  | 7374429  | 7329942  | 7346882  | 0.33   | cps   |
| Strontium  | 86-1  | 92648    | 91936    | 90444    | 91676    | 1.23   | cps   |
| Strontium  | 88-1  | 805271   | 793687   | 776531   | 791830   | 1.83   | cps   |
| Sulfur     | 34-1  | 816174   | 816424   | 808976   | 813858   | 0.52   | cps   |
| Terbium    | 159-1 | 15272745 | 15065770 | 14669400 | 15002638 | 2.04   | cps   |
| Terbium    | 159-2 | 7824370  | 8131759  | 7745226  | 7900452  | 2.58   | cps   |
| Thallium   | 203-1 | 217      | 292      | 242      | 250      | 15.27  | cps   |
| Thallium   | 205-1 | 525      | 742      | 533      | 600      | 20.46  | cps   |
| Tin        | 118-1 | 4793     | 4593     | 3884     | 4423     | 10.79  | cps   |
| Titanium   | 47-1  | 1283     | 1192     | 1492     | 1322     | 11.63  | cps   |
| Uranium    | 238-1 | 875      | 1067     | 725      | 889      | 19.27  | cps   |
| Vanadium   | 51-2  | 383      | 450      | 333      | 389      | 15.06  | cps   |
| Yttrium    | 89-1  | 12683289 | 12227714 | 12051064 | 12320689 | 2.65   | cps   |
| Yttrium    | 89-2  | 1991220  | 2120001  | 1992945  | 2034722  | 3.63   | cps   |
| Zinc       | 66-2  | 1013403  | 1013697  | 1018383  | 1015161  | 0.28   | cps   |
| Zirconium  | 90-1  | 1600     | 1575     | 1459     | 1545     | 4.89   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-45-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:34:42  | DataFile Name :   | 168SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 333  | 383  | 386     | 14.05  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-22 Instrumnet Name : P7  
 Client Sample ID : DC24728-46-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:38:08 DataFile Name : 169SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1992     | 2067     | 2292     | 2117     | 7.38   | cps   |
| Antimony   | 121-1 | 767      | 617      | 850      | 745      | 15.88  | cps   |
| Arsenic    | 75-2  | 224      | 206      | 219      | 216      | 4.40   | cps   |
| Barium     | 135-1 | 55629    | 53738    | 52617    | 53995    | 2.82   | cps   |
| Barium     | 137-1 | 95647    | 94050    | 94798    | 94832    | 0.84   | cps   |
| Beryllium  | 9-1   | 39       | 33       | 78       | 50       | 48.44  | cps   |
| Bismuth    | 209-1 | 9187612  | 9110598  | 9125003  | 9141071  | 0.45   | cps   |
| Bismuth    | 209-2 | 5913555  | 5486522  | 6030694  | 5810257  | 4.93   | cps   |
| Boron      | 10-1  | 1450     | 1617     | 1784     | 1617     | 10.31  | cps   |
| Boron      | 11-1  | 8619     | 8828     | 8486     | 8644     | 1.99   | cps   |
| Cadmium    | 111-1 | 2587     | 2921     | 2988     | 2832     | 7.58   | cps   |
| Cadmium    | 106-1 | 3659     | 4126     | 4259     | 4015     | 7.85   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 8        | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 251140   | 246974   | 247173   | 248429   | 0.95   | cps   |
| Calcium    | 44-1  | 4134016  | 4092067  | 4131239  | 4119107  | 0.57   | cps   |
| Chromium   | 52-2  | 2187     | 2157     | 1930     | 2091     | 6.71   | cps   |
| Cobalt     | 59-2  | 260      | 163      | 203      | 209      | 23.25  | cps   |
| Copper     | 63-2  | 185938   | 186133   | 185843   | 185972   | 0.08   | cps   |
| Dysprosium | 156-1 | 100      | 75       | 42       | 72       | 40.53  | cps   |
| Dysprosium | 156-2 | 17       | 63       | 40       | 40       | 58.33  | cps   |
| Erbium     | 164-1 | 117      | 83       | 67       | 89       | 28.64  | cps   |
| Erbium     | 164-2 | 57       | 47       | 47       | 50       | 11.55  | cps   |
| Gadolinium | 160-1 | 250      | 150      | 175      | 192      | 27.15  | cps   |
| Gadolinium | 160-2 | 137      | 130      | 157      | 141      | 9.84   | cps   |
| Holmium    | 165-1 | 14147262 | 14195220 | 14308363 | 14216948 | 0.58   | cps   |
| Holmium    | 165-2 | 7899579  | 7460737  | 7874553  | 7744956  | 3.18   | cps   |
| Indium     | 115-1 | 11597306 | 11589603 | 11426372 | 11537761 | 0.84   | cps   |
| Indium     | 115-2 | 2535741  | 2422862  | 2530364  | 2496322  | 2.55   | cps   |
| Iron       | 56-2  | 744520   | 748155   | 741748   | 744808   | 0.43   | cps   |
| Iron       | 57-2  | 18907    | 19486    | 19018    | 19137    | 1.60   | cps   |
| Lead       | 206-1 | 2311     | 2400     | 2628     | 2447     | 6.68   | cps   |
| Lead       | 207-1 | 2295     | 2145     | 2245     | 2228     | 3.43   | cps   |
| Lead       | 208-1 | 9963     | 9935     | 10613    | 10170    | 3.77   | cps   |
| Lithium    | 6-1   | 1958876  | 1941389  | 1909411  | 1936559  | 1.30   | cps   |
| Magnesium  | 24-2  | 415301   | 419522   | 414957   | 416593   | 0.61   | cps   |
| Manganese  | 55-2  | 31838    | 32058    | 32326    | 32074    | 0.76   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-46-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:38:08  | DataFile Name :   | 169SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 600      | 600      | 667      | 622      | 6.19   | cps   |
| Molybdenum | 95-1  | 292      | 350      | 292      | 311      | 10.83  | cps   |
| Molybdenum | 96-1  | 483      | 600      | 500      | 528      | 11.96  | cps   |
| Molybdenum | 97-1  | 200      | 342      | 233      | 258      | 28.67  | cps   |
| Molybdenum | 98-1  | 567      | 525      | 517      | 536      | 5.00   | cps   |
| Neodymium  | 150-1 | 60       | 80       | 53       | 64       | 21.53  | cps   |
| Neodymium  | 150-2 | 20       | 30       | 50       | 33       | 45.83  | cps   |
| Nickel     | 60-2  | 3440     | 3651     | 3477     | 3523     | 3.18   | cps   |
| Phosphorus | 31-2  | 6743     | 6076     | 6593     | 6471     | 5.41   | cps   |
| Potassium  | 39-2  | 247452   | 245903   | 244916   | 246090   | 0.52   | cps   |
| Rhodium    | 103-1 | 10995765 | 10839280 | 10873520 | 10902855 | 0.75   | cps   |
| Rhodium    | 103-2 | 5450621  | 5175921  | 5541281  | 5389274  | 3.53   | cps   |
| Scandium   | 45-1  | 7562978  | 7590171  | 7644333  | 7599160  | 0.55   | cps   |
| Scandium   | 45-2  | 404853   | 382236   | 397680   | 394923   | 2.93   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 100      | 107      | 102      | 103      | 3.74   | cps   |
| Selenium   | 82-1  | 242      | 462      | 386      | 363      | 30.64  | cps   |
| Silicon    | 28-1  | 8896999  | 8723482  | 8696058  | 8772180  | 1.24   | cps   |
| Silver     | 109-1 | 117      | 183      | 225      | 175      | 31.23  | cps   |
| Silver     | 107-1 | 217      | 225      | 283      | 242      | 15.03  | cps   |
| Sodium     | 23-2  | 7318510  | 7259011  | 7281108  | 7286210  | 0.41   | cps   |
| Strontium  | 86-1  | 86325    | 85940    | 84842    | 85702    | 0.90   | cps   |
| Strontium  | 88-1  | 750682   | 728570   | 730782   | 736678   | 1.65   | cps   |
| Sulfur     | 34-1  | 820837   | 827935   | 835183   | 827985   | 0.87   | cps   |
| Terbium    | 159-1 | 14892746 | 14679188 | 14613563 | 14728499 | 0.99   | cps   |
| Terbium    | 159-2 | 7945876  | 7420302  | 7926551  | 7764243  | 3.84   | cps   |
| Thallium   | 203-1 | 183      | 183      | 208      | 192      | 7.53   | cps   |
| Thallium   | 205-1 | 767      | 583      | 608      | 653      | 15.23  | cps   |
| Tin        | 118-1 | 667      | 767      | 783      | 739      | 8.54   | cps   |
| Titanium   | 47-1  | 1292     | 1267     | 1167     | 1242     | 5.33   | cps   |
| Uranium    | 238-1 | 517      | 600      | 608      | 575      | 8.82   | cps   |
| Vanadium   | 51-2  | 320      | 357      | 287      | 321      | 10.91  | cps   |
| Yttrium    | 89-1  | 12151340 | 12130679 | 12026654 | 12102891 | 0.55   | cps   |
| Yttrium    | 89-2  | 2036931  | 1941732  | 2043196  | 2007286  | 2.83   | cps   |
| Zinc       | 66-2  | 16703    | 17220    | 17581    | 17168    | 2.57   | cps   |
| Zirconium  | 90-1  | 1317     | 1392     | 1117     | 1275     | 11.15  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-46-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:38:08  | DataFile Name :   | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 258  | 317  | 300     | 12.11  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:41:34 | DataFile Name :   | 170SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 600      | 783      | 750      | 711      | 13.73  | cps   |
| Antimony   | 121-1 | 133      | 75       | 167      | 125      | 37.12  | cps   |
| Arsenic    | 75-2  | 17       | 11       | 9        | 12       | 31.24  | cps   |
| Barium     | 135-1 | 67       | 67       | 42       | 58       | 24.74  | cps   |
| Barium     | 137-1 | 108      | 133      | 125      | 122      | 10.41  | cps   |
| Beryllium  | 9-1   | 33       | 28       | 22       | 28       | 20.00  | cps   |
| Bismuth    | 209-1 | 8585289  | 8496666  | 8753182  | 8611713  | 1.51   | cps   |
| Bismuth    | 209-2 | 5566422  | 5475963  | 5589203  | 5543862  | 1.08   | cps   |
| Boron      | 10-1  | 333      | 333      | 408      | 358      | 12.09  | cps   |
| Boron      | 11-1  | 1934     | 1859     | 1859     | 1884     | 2.30   | cps   |
| Cadmium    | 111-1 | 2803     | 2562     | 2673     | 2680     | 4.50   | cps   |
| Cadmium    | 106-1 | 4017     | 3651     | 3834     | 3834     | 4.78   | cps   |
| Cadmium    | 108-1 | 25       | 8        | 21       | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 375      | 358      | 333      | 356      | 5.90   | cps   |
| Calcium    | 44-1  | 24213    | 23829    | 23845    | 23962    | 0.91   | cps   |
| Chromium   | 52-2  | 1820     | 1853     | 1787     | 1820     | 1.83   | cps   |
| Cobalt     | 59-2  | 80       | 73       | 90       | 81       | 10.34  | cps   |
| Copper     | 63-2  | 1717     | 1787     | 1773     | 1759     | 2.11   | cps   |
| Dysprosium | 156-1 | 42       | 0        | 8        | 17       | 132.30 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 23       | 43       | 30       | 32       | 31.61  | cps   |
| Gadolinium | 160-1 | 175      | 100      | 100      | 125      | 34.64  | cps   |
| Gadolinium | 160-2 | 147      | 120      | 150      | 139      | 11.84  | cps   |
| Holmium    | 165-1 | 13150527 | 13279258 | 13415283 | 13281689 | 1.00   | cps   |
| Holmium    | 165-2 | 7394441  | 7355129  | 7497291  | 7415621  | 0.99   | cps   |
| Indium     | 115-1 | 10850556 | 10764971 | 10903292 | 10839606 | 0.64   | cps   |
| Indium     | 115-2 | 2398702  | 2390789  | 2401742  | 2397078  | 0.24   | cps   |
| Iron       | 56-2  | 9270     | 9125     | 9542     | 9312     | 2.27   | cps   |
| Iron       | 57-2  | 394      | 500      | 356      | 417      | 17.94  | cps   |
| Lead       | 206-1 | 5160671  | 5154202  | 5154709  | 5156527  | 0.07   | cps   |
| Lead       | 207-1 | 4658746  | 4588831  | 4635202  | 4627593  | 0.77   | cps   |
| Lead       | 208-1 | 21347353 | 21009776 | 21179656 | 21178928 | 0.80   | cps   |
| Lithium    | 6-1   | 1806884  | 1807447  | 1833650  | 1815994  | 0.84   | cps   |
| Magnesium  | 24-2  | 358      | 358      | 417      | 378      | 8.92   | cps   |
| Manganese  | 55-2  | 87       | 57       | 123      | 89       | 37.56  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:41:34 | DataFile Name :   | 170SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 283      | 258      | 267      | 269      | 4.72   | cps   |
| Molybdenum | 95-1  | 158      | 92       | 158      | 136      | 28.28  | cps   |
| Molybdenum | 96-1  | 142      | 200      | 158      | 167      | 18.03  | cps   |
| Molybdenum | 97-1  | 200      | 142      | 175      | 172      | 16.99  | cps   |
| Molybdenum | 98-1  | 233      | 200      | 200      | 211      | 9.12   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 67       | 83       | 90       | 80       | 15.02  | cps   |
| Phosphorus | 31-2  | 208      | 183      | 175      | 189      | 9.18   | cps   |
| Potassium  | 39-2  | 64390    | 64231    | 64239    | 64287    | 0.14   | cps   |
| Rhodium    | 103-1 | 10306831 | 10380820 | 10356962 | 10348205 | 0.36   | cps   |
| Rhodium    | 103-2 | 5200885  | 5133793  | 5193716  | 5176132  | 0.71   | cps   |
| Scandium   | 45-1  | 7098276  | 7016011  | 7212749  | 7109012  | 1.39   | cps   |
| Scandium   | 45-2  | 379713   | 378088   | 383832   | 380544   | 0.78   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 122      | 131      | 106      | 120      | 10.97  | cps   |
| Selenium   | 82-1  | 241      | 279      | 226      | 249      | 10.96  | cps   |
| Silicon    | 28-1  | 636311   | 636074   | 636632   | 636339   | 0.04   | cps   |
| Silver     | 109-1 | 108      | 108      | 125      | 114      | 8.45   | cps   |
| Silver     | 107-1 | 192      | 183      | 158      | 178      | 9.76   | cps   |
| Sodium     | 23-2  | 45144    | 44952    | 45470    | 45189    | 0.58   | cps   |
| Strontium  | 86-1  | 1575     | 1742     | 1709     | 1675     | 5.27   | cps   |
| Strontium  | 88-1  | 800      | 633      | 692      | 708      | 11.94  | cps   |
| Sulfur     | 34-1  | 754445   | 755716   | 756422   | 755528   | 0.13   | cps   |
| Terbium    | 159-1 | 13758986 | 13803664 | 13777429 | 13780026 | 0.16   | cps   |
| Terbium    | 159-2 | 7423735  | 7354889  | 7435661  | 7404762  | 0.59   | cps   |
| Thallium   | 203-1 | 250      | 225      | 250      | 242      | 5.97   | cps   |
| Thallium   | 205-1 | 583      | 558      | 500      | 547      | 7.82   | cps   |
| Tin        | 118-1 | 992      | 1067     | 933      | 997      | 6.70   | cps   |
| Titanium   | 47-1  | 242      | 342      | 225      | 269      | 23.42  | cps   |
| Uranium    | 238-1 | 250      | 317      | 158      | 242      | 32.89  | cps   |
| Vanadium   | 51-2  | 17       | 27       | 17       | 20       | 28.86  | cps   |
| Yttrium    | 89-1  | 11228357 | 11296021 | 11492244 | 11338874 | 1.21   | cps   |
| Yttrium    | 89-2  | 1922870  | 1914290  | 1940085  | 1925749  | 0.68   | cps   |
| Zinc       | 66-2  | 427      | 487      | 367      | 427      | 14.06  | cps   |
| Zirconium  | 90-1  | 683      | 658      | 650      | 664      | 2.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:41:34 | DataFile Name :   | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 125  | 158  | 131     | 19.50  | cps   |



LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : CCB96 Instrumnet Name : P7  
 Client Sample ID : CCB96 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:45:00 DataFile Name : 171SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 108      | 117      | 92       | 106      | 12.06  | cps   |
| Antimony   | 121-1 | 42       | 42       | 75       | 53       | 36.46  | cps   |
| Arsenic    | 75-2  | 19       | 9        | 9        | 12       | 43.30  | cps   |
| Barium     | 135-1 | 8        | 100      | 58       | 56       | 82.62  | cps   |
| Barium     | 137-1 | 92       | 83       | 75       | 83       | 10.00  | cps   |
| Beryllium  | 9-1   | 17       | 50       | 33       | 33       | 50.00  | cps   |
| Bismuth    | 209-1 | 8741807  | 8958187  | 8457147  | 8719047  | 2.88   | cps   |
| Bismuth    | 209-2 | 5555107  | 5587441  | 5618960  | 5587169  | 0.57   | cps   |
| Boron      | 10-1  | 267      | 317      | 242      | 275      | 13.89  | cps   |
| Boron      | 11-1  | 1292     | 1108     | 1133     | 1178     | 8.44   | cps   |
| Cadmium    | 111-1 | 2838     | 2472     | 2599     | 2636     | 7.05   | cps   |
| Cadmium    | 106-1 | 4059     | 3534     | 3709     | 3767     | 7.10   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 258      | 300      | 233      | 264      | 12.76  | cps   |
| Calcium    | 44-1  | 22042    | 22093    | 22468    | 22201    | 1.05   | cps   |
| Chromium   | 52-2  | 1750     | 1837     | 1723     | 1770     | 3.35   | cps   |
| Cobalt     | 59-2  | 80       | 37       | 43       | 53       | 43.75  | cps   |
| Copper     | 63-2  | 1777     | 1633     | 1693     | 1701     | 4.23   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 7        | 20       | 10       | 88.20  | cps   |
| Erbium     | 164-1 | 25       | 42       | 33       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 33       | 3        | 17       | 18       | 84.55  | cps   |
| Gadolinium | 160-1 | 75       | 158      | 133      | 122      | 34.99  | cps   |
| Gadolinium | 160-2 | 147      | 117      | 133      | 132      | 11.37  | cps   |
| Holmium    | 165-1 | 13502015 | 13637008 | 13331003 | 13490009 | 1.14   | cps   |
| Holmium    | 165-2 | 7579093  | 7381034  | 7444598  | 7468242  | 1.35   | cps   |
| Indium     | 115-1 | 10964430 | 11066842 | 10735729 | 10922334 | 1.55   | cps   |
| Indium     | 115-2 | 2379383  | 2390044  | 2399540  | 2389656  | 0.42   | cps   |
| Iron       | 56-2  | 6891     | 7235     | 6757     | 6961     | 3.54   | cps   |
| Iron       | 57-2  | 428      | 417      | 367      | 404      | 8.06   | cps   |
| Lead       | 206-1 | 1222     | 989      | 1028     | 1080     | 11.58  | cps   |
| Lead       | 207-1 | 1017     | 1089     | 939      | 1015     | 7.39   | cps   |
| Lead       | 208-1 | 4700     | 4445     | 4217     | 4454     | 5.43   | cps   |
| Lithium    | 6-1   | 1849792  | 1876437  | 1816106  | 1847445  | 1.64   | cps   |
| Magnesium  | 24-2  | 125      | 83       | 175      | 128      | 35.92  | cps   |
| Manganese  | 55-2  | 80       | 97       | 67       | 81       | 18.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:45:00 | DataFile Name :   | 171SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 317      | 275      | 200      | 264      | 22.41  | cps   |
| Molybdenum | 95-1  | 50       | 25       | 42       | 39       | 32.73  | cps   |
| Molybdenum | 96-1  | 92       | 117      | 58       | 89       | 32.92  | cps   |
| Molybdenum | 97-1  | 142      | 125      | 83       | 117      | 25.75  | cps   |
| Molybdenum | 98-1  | 33       | 75       | 33       | 47       | 50.95  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 73       | 57       | 63       | 64       | 13.02  | cps   |
| Phosphorus | 31-2  | 192      | 233      | 150      | 192      | 21.74  | cps   |
| Potassium  | 39-2  | 62591    | 63093    | 63461    | 63049    | 0.69   | cps   |
| Rhodium    | 103-1 | 10445722 | 10447994 | 10198247 | 10363988 | 1.38   | cps   |
| Rhodium    | 103-2 | 5162423  | 5165692  | 5179435  | 5169184  | 0.17   | cps   |
| Scandium   | 45-1  | 7300231  | 7271639  | 7047738  | 7206536  | 1.92   | cps   |
| Scandium   | 45-2  | 375121   | 375315   | 387701   | 379379   | 1.90   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 93       | 126      | 135      | 118      | 19.00  | cps   |
| Selenium   | 82-1  | 268      | 212      | 234      | 238      | 11.82  | cps   |
| Silicon    | 28-1  | 627118   | 627362   | 626519   | 626999   | 0.07   | cps   |
| Silver     | 109-1 | 133      | 67       | 108      | 103      | 32.77  | cps   |
| Silver     | 107-1 | 92       | 158      | 158      | 136      | 28.28  | cps   |
| Sodium     | 23-2  | 42845    | 43213    | 43255    | 43105    | 0.52   | cps   |
| Strontium  | 86-1  | 1642     | 1492     | 1584     | 1572     | 4.81   | cps   |
| Strontium  | 88-1  | 383      | 333      | 325      | 347      | 9.09   | cps   |
| Sulfur     | 34-1  | 758627   | 762535   | 749500   | 756888   | 0.88   | cps   |
| Terbium    | 159-1 | 14044471 | 13932172 | 13573325 | 13849989 | 1.78   | cps   |
| Terbium    | 159-2 | 7462551  | 7437979  | 7419863  | 7440131  | 0.29   | cps   |
| Thallium   | 203-1 | 125      | 200      | 158      | 161      | 23.32  | cps   |
| Thallium   | 205-1 | 325      | 350      | 242      | 306      | 18.56  | cps   |
| Tin        | 118-1 | 1258     | 1258     | 1142     | 1220     | 5.52   | cps   |
| Titanium   | 47-1  | 183      | 175      | 200      | 186      | 6.84   | cps   |
| Uranium    | 238-1 | 67       | 75       | 50       | 64       | 19.92  | cps   |
| Vanadium   | 51-2  | 20       | 23       | 3        | 16       | 68.90  | cps   |
| Yttrium    | 89-1  | 11375289 | 11497830 | 11211714 | 11361611 | 1.26   | cps   |
| Yttrium    | 89-2  | 1919704  | 1923445  | 1921985  | 1921711  | 0.10   | cps   |
| Zinc       | 66-2  | 273      | 230      | 283      | 262      | 10.81  | cps   |
| Zirconium  | 90-1  | 483      | 617      | 742      | 614      | 21.04  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:45:00 | DataFile Name :   | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 117  | 92   | 114     | 18.41  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-23 Instrumnet Name : P7  
 Client Sample ID : DC24728-47-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:48:27 DataFile Name : 172SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2475     | 3009     | 3352     | 2946     | 15.00  | cps   |
| Antimony   | 121-1 | 3976     | 3542     | 3959     | 3826     | 6.42   | cps   |
| Arsenic    | 75-2  | 187      | 169      | 193      | 183      | 6.90   | cps   |
| Barium     | 135-1 | 81321    | 82000    | 80366    | 81229    | 1.01   | cps   |
| Barium     | 137-1 | 141429   | 139704   | 139755   | 140296   | 0.70   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 39       | 33       | 16.67  | cps   |
| Bismuth    | 209-1 | 8944683  | 9182038  | 9265727  | 9130816  | 1.82   | cps   |
| Bismuth    | 209-2 | 5916531  | 5769168  | 5804943  | 5830214  | 1.32   | cps   |
| Boron      | 10-1  | 1892     | 1967     | 1909     | 1922     | 2.05   | cps   |
| Boron      | 11-1  | 9111     | 9820     | 9720     | 9551     | 4.02   | cps   |
| Cadmium    | 111-1 | 3634     | 3483     | 3506     | 3541     | 2.29   | cps   |
| Cadmium    | 106-1 | 4409     | 4167     | 4267     | 4281     | 2.84   | cps   |
| Cadmium    | 108-1 | 88       | 108      | 92       | 96       | 11.51  | cps   |
| Calcium    | 43-1  | 249063   | 251532   | 248504   | 249700   | 0.65   | cps   |
| Calcium    | 44-1  | 4147716  | 4155225  | 4134094  | 4145678  | 0.26   | cps   |
| Chromium   | 52-2  | 2357     | 2427     | 2287     | 2357     | 2.97   | cps   |
| Cobalt     | 59-2  | 2834     | 2870     | 2757     | 2820     | 2.05   | cps   |
| Copper     | 63-2  | 2253358  | 2252879  | 2263334  | 2256524  | 0.26   | cps   |
| Dysprosium | 156-1 | 108      | 125      | 133      | 122      | 10.41  | cps   |
| Dysprosium | 156-2 | 47       | 57       | 40       | 48       | 17.56  | cps   |
| Erbium     | 164-1 | 175      | 150      | 133      | 153      | 13.73  | cps   |
| Erbium     | 164-2 | 73       | 77       | 53       | 68       | 18.63  | cps   |
| Gadolinium | 160-1 | 308      | 242      | 267      | 272      | 12.37  | cps   |
| Gadolinium | 160-2 | 203      | 207      | 173      | 194      | 9.44   | cps   |
| Holmium    | 165-1 | 14113677 | 14037019 | 14412029 | 14187575 | 1.40   | cps   |
| Holmium    | 165-2 | 7903552  | 7900211  | 7652963  | 7818909  | 1.84   | cps   |
| Indium     | 115-1 | 11525600 | 11551806 | 11669402 | 11582269 | 0.66   | cps   |
| Indium     | 115-2 | 2566524  | 2568364  | 2472127  | 2535671  | 2.17   | cps   |
| Iron       | 56-2  | 2338323  | 2337757  | 2332487  | 2336189  | 0.14   | cps   |
| Iron       | 57-2  | 57384    | 58957    | 58389    | 58243    | 1.37   | cps   |
| Lead       | 206-1 | 88079    | 85747    | 86211    | 86679    | 1.42   | cps   |
| Lead       | 207-1 | 72358    | 72386    | 72860    | 72535    | 0.39   | cps   |
| Lead       | 208-1 | 337026   | 335345   | 336212   | 336194   | 0.25   | cps   |
| Lithium    | 6-1   | 1944815  | 1944909  | 1976110  | 1955278  | 0.92   | cps   |
| Magnesium  | 24-2  | 459023   | 465692   | 464343   | 463019   | 0.76   | cps   |
| Manganese  | 55-2  | 105531   | 104739   | 104864   | 105045   | 0.41   | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-23 Instrumnet Name : P7  
 Client Sample ID : DC24728-47-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:48:27 DataFile Name : 172SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 625      | 792      | 756      | 15.45  | cps   |
| Molybdenum | 95-1  | 358      | 250      | 275      | 294      | 19.27  | cps   |
| Molybdenum | 96-1  | 475      | 417      | 358      | 417      | 14.00  | cps   |
| Molybdenum | 97-1  | 300      | 200      | 250      | 250      | 20.00  | cps   |
| Molybdenum | 98-1  | 400      | 375      | 508      | 428      | 16.57  | cps   |
| Neodymium  | 150-1 | 73       | 127      | 87       | 96       | 29.04  | cps   |
| Neodymium  | 150-2 | 37       | 20       | 33       | 30       | 29.40  | cps   |
| Nickel     | 60-2  | 66216    | 65312    | 66336    | 65954    | 0.85   | cps   |
| Phosphorus | 31-2  | 4726     | 4768     | 4134     | 4543     | 7.80   | cps   |
| Potassium  | 39-2  | 270234   | 270513   | 269244   | 269997   | 0.25   | cps   |
| Rhodium    | 103-1 | 10785829 | 10806886 | 11090118 | 10894277 | 1.56   | cps   |
| Rhodium    | 103-2 | 5491102  | 5604069  | 5365196  | 5486789  | 2.18   | cps   |
| Scandium   | 45-1  | 7542275  | 7630327  | 7660491  | 7611031  | 0.81   | cps   |
| Scandium   | 45-2  | 401341   | 393423   | 389901   | 394889   | 1.48   | cps   |
| Selenium   | 77-2  | 13       | 10       | 0        | 8        | 89.21  | cps   |
| Selenium   | 78-2  | 111      | 117      | 104      | 110      | 5.88   | cps   |
| Selenium   | 82-1  | 278      | 343      | 177      | 266      | 31.33  | cps   |
| Silicon    | 28-1  | 10063110 | 10073763 | 9933061  | 10023311 | 0.78   | cps   |
| Silver     | 109-1 | 1075     | 1150     | 1292     | 1172     | 9.39   | cps   |
| Silver     | 107-1 | 1358     | 1475     | 1267     | 1367     | 7.64   | cps   |
| Sodium     | 23-2  | 7790831  | 7735966  | 7740036  | 7755611  | 0.39   | cps   |
| Strontium  | 86-1  | 90904    | 92624    | 91809    | 91779    | 0.94   | cps   |
| Strontium  | 88-1  | 801885   | 787710   | 789060   | 792885   | 0.99   | cps   |
| Sulfur     | 34-1  | 854636   | 852058   | 846453   | 851049   | 0.49   | cps   |
| Terbium    | 159-1 | 14823376 | 14820376 | 15044251 | 14896001 | 0.86   | cps   |
| Terbium    | 159-2 | 7831304  | 7792104  | 7641634  | 7755014  | 1.29   | cps   |
| Thallium   | 203-1 | 550      | 467      | 508      | 508      | 8.20   | cps   |
| Thallium   | 205-1 | 1183     | 1000     | 1225     | 1136     | 10.54  | cps   |
| Tin        | 118-1 | 875      | 875      | 958      | 903      | 5.33   | cps   |
| Titanium   | 47-1  | 900      | 1317     | 1175     | 1131     | 18.74  | cps   |
| Uranium    | 238-1 | 1283     | 1283     | 1233     | 1267     | 2.28   | cps   |
| Vanadium   | 51-2  | 333      | 363      | 467      | 388      | 18.04  | cps   |
| Yttrium    | 89-1  | 12037326 | 12156887 | 12239261 | 12144491 | 0.84   | cps   |
| Yttrium    | 89-2  | 2035763  | 2040783  | 1973165  | 2016570  | 1.87   | cps   |
| Zinc       | 66-2  | 783741   | 781109   | 787967   | 784272   | 0.44   | cps   |
| Zirconium  | 90-1  | 1433     | 1392     | 1350     | 1392     | 2.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-47-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:48:27  | DataFile Name :   | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 325  | 275  | 322     | 14.25  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : I4702-24 Instrumnet Name : P7  
 Client Sample ID : DC24728-48-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:51:54 DataFile Name : 173SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1234     | 1384     | 925      | 1181     | 19.80  | cps   |
| Antimony   | 121-1 | 1684     | 1975     | 1950     | 1870     | 8.65   | cps   |
| Arsenic    | 75-2  | 156      | 170      | 211      | 179      | 16.07  | cps   |
| Barium     | 135-1 | 74919    | 72280    | 73931    | 73710    | 1.81   | cps   |
| Barium     | 137-1 | 129499   | 128122   | 127270   | 128297   | 0.88   | cps   |
| Beryllium  | 9-1   | 33       | 33       | 44       | 37       | 17.33  | cps   |
| Bismuth    | 209-1 | 9368365  | 9730630  | 9169833  | 9422943  | 3.02   | cps   |
| Bismuth    | 209-2 | 5851498  | 5792325  | 5817659  | 5820494  | 0.51   | cps   |
| Boron      | 10-1  | 1884     | 1600     | 1809     | 1764     | 8.32   | cps   |
| Boron      | 11-1  | 8695     | 9028     | 9186     | 8970     | 2.80   | cps   |
| Cadmium    | 111-1 | 3057     | 3017     | 3040     | 3038     | 0.65   | cps   |
| Cadmium    | 106-1 | 4293     | 4218     | 4268     | 4259     | 0.90   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 8        | 12       | 57.75  | cps   |
| Calcium    | 43-1  | 251708   | 250718   | 251827   | 251418   | 0.24   | cps   |
| Calcium    | 44-1  | 4190129  | 4149808  | 4155184  | 4165040  | 0.53   | cps   |
| Chromium   | 52-2  | 1800     | 1717     | 1833     | 1783     | 3.37   | cps   |
| Cobalt     | 59-2  | 410      | 450      | 463      | 441      | 6.29   | cps   |
| Copper     | 63-2  | 1765256  | 1778802  | 1786785  | 1776948  | 0.61   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 42       | 42       | 40.00  | cps   |
| Dysprosium | 156-2 | 17       | 17       | 27       | 20       | 28.86  | cps   |
| Erbium     | 164-1 | 75       | 92       | 58       | 75       | 22.22  | cps   |
| Erbium     | 164-2 | 43       | 40       | 27       | 37       | 24.04  | cps   |
| Gadolinium | 160-1 | 217      | 183      | 150      | 183      | 18.18  | cps   |
| Gadolinium | 160-2 | 177      | 153      | 167      | 166      | 7.07   | cps   |
| Holmium    | 165-1 | 14668850 | 14600126 | 14393869 | 14554281 | 0.98   | cps   |
| Holmium    | 165-2 | 7877081  | 7806315  | 7758848  | 7814081  | 0.76   | cps   |
| Indium     | 115-1 | 11855522 | 11900927 | 11803566 | 11853338 | 0.41   | cps   |
| Indium     | 115-2 | 2571797  | 2505709  | 2536591  | 2538032  | 1.30   | cps   |
| Iron       | 56-2  | 168846   | 173459   | 175519   | 172608   | 1.98   | cps   |
| Iron       | 57-2  | 4795     | 5407     | 5118     | 5107     | 5.99   | cps   |
| Lead       | 206-1 | 14358    | 14136    | 14197    | 14230    | 0.81   | cps   |
| Lead       | 207-1 | 11833    | 11533    | 11628    | 11665    | 1.32   | cps   |
| Lead       | 208-1 | 55046    | 54417    | 53755    | 54406    | 1.19   | cps   |
| Lithium    | 6-1   | 1989122  | 2037575  | 2024833  | 2017177  | 1.25   | cps   |
| Magnesium  | 24-2  | 459575   | 462081   | 466383   | 462680   | 0.74   | cps   |
| Manganese  | 55-2  | 91821    | 91526    | 92700    | 92015    | 0.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-48-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:51:54  | DataFile Name :   | 173SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 583      | 700      | 642      | 642      | 9.09   | cps   |
| Molybdenum | 95-1  | 283      | 242      | 242      | 256      | 9.41   | cps   |
| Molybdenum | 96-1  | 492      | 450      | 342      | 428      | 18.10  | cps   |
| Molybdenum | 97-1  | 300      | 233      | 225      | 253      | 16.26  | cps   |
| Molybdenum | 98-1  | 617      | 308      | 442      | 456      | 33.95  | cps   |
| Neodymium  | 150-1 | 60       | 40       | 67       | 56       | 24.98  | cps   |
| Neodymium  | 150-2 | 10       | 50       | 13       | 24       | 90.80  | cps   |
| Nickel     | 60-2  | 30642    | 30990    | 30716    | 30782    | 0.59   | cps   |
| Phosphorus | 31-2  | 4551     | 5243     | 5485     | 5093     | 9.52   | cps   |
| Potassium  | 39-2  | 275579   | 273095   | 277831   | 275502   | 0.86   | cps   |
| Rhodium    | 103-1 | 11132323 | 11168660 | 10989031 | 11096671 | 0.86   | cps   |
| Rhodium    | 103-2 | 5516715  | 5361791  | 5457235  | 5445247  | 1.44   | cps   |
| Scandium   | 45-1  | 7688150  | 7980951  | 7783384  | 7817495  | 1.91   | cps   |
| Scandium   | 45-2  | 399982   | 390616   | 394771   | 395123   | 1.19   | cps   |
| Selenium   | 77-2  | 10       | 13       | 0        | 8        | 89.21  | cps   |
| Selenium   | 78-2  | 102      | 107      | 102      | 104      | 3.10   | cps   |
| Selenium   | 82-1  | 317      | 300      | 318      | 312      | 3.24   | cps   |
| Silicon    | 28-1  | 9788107  | 10076059 | 9805013  | 9889726  | 1.63   | cps   |
| Silver     | 109-1 | 1300     | 1200     | 1325     | 1275     | 5.19   | cps   |
| Silver     | 107-1 | 1284     | 1150     | 15609    | 6014     | 138.17 | cps   |
| Sodium     | 23-2  | 7783922  | 7754447  | 7821206  | 7786525  | 0.43   | cps   |
| Strontium  | 86-1  | 92221    | 92279    | 91817    | 92106    | 0.27   | cps   |
| Strontium  | 88-1  | 802541   | 799763   | 793541   | 798615   | 0.58   | cps   |
| Sulfur     | 34-1  | 850346   | 836091   | 846763   | 844400   | 0.88   | cps   |
| Terbium    | 159-1 | 14962752 | 15490738 | 14909549 | 15121013 | 2.12   | cps   |
| Terbium    | 159-2 | 7871453  | 7823651  | 7747532  | 7814212  | 0.80   | cps   |
| Thallium   | 203-1 | 308      | 300      | 225      | 278      | 16.52  | cps   |
| Thallium   | 205-1 | 725      | 725      | 625      | 692      | 8.35   | cps   |
| Tin        | 118-1 | 550      | 617      | 592      | 586      | 5.75   | cps   |
| Titanium   | 47-1  | 1242     | 4462     | 817      | 2173     | 91.70  | cps   |
| Uranium    | 238-1 | 583      | 500      | 525      | 536      | 7.98   | cps   |
| Vanadium   | 51-2  | 233      | 267      | 223      | 241      | 9.41   | cps   |
| Yttrium    | 89-1  | 12477999 | 12518070 | 12261200 | 12419090 | 1.11   | cps   |
| Yttrium    | 89-2  | 2044173  | 1999586  | 2018744  | 2020834  | 1.11   | cps   |
| Zinc       | 66-2  | 55013    | 55532    | 56168    | 55571    | 1.04   | cps   |
| Zirconium  | 90-1  | 1133     | 1417     | 1033     | 1195     | 16.65  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89381              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4702-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24728-48-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:51:54  | DataFile Name :   | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 233  | 392  | 281     | 34.44  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:55:20 | DataFile Name :   | 174SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 600      | 558      | 650      | 603      | 7.61   | cps   |
| Antimony   | 121-1 | 142      | 175      | 133      | 150      | 14.70  | cps   |
| Arsenic    | 75-2  | 9        | 9        | 17       | 12       | 36.47  | cps   |
| Barium     | 135-1 | 75       | 50       | 92       | 72       | 29.04  | cps   |
| Barium     | 137-1 | 142      | 92       | 117      | 117      | 21.43  | cps   |
| Beryllium  | 9-1   | 28       | 44       | 11       | 28       | 60.01  | cps   |
| Bismuth    | 209-1 | 8757916  | 8686021  | 8558417  | 8667451  | 1.17   | cps   |
| Bismuth    | 209-2 | 5670010  | 5537450  | 5566698  | 5591386  | 1.25   | cps   |
| Boron      | 10-1  | 400      | 383      | 308      | 364      | 13.42  | cps   |
| Boron      | 11-1  | 1884     | 1408     | 1667     | 1653     | 14.39  | cps   |
| Cadmium    | 111-1 | 2945     | 2818     | 2700     | 2821     | 4.34   | cps   |
| Cadmium    | 106-1 | 4184     | 4017     | 3867     | 4023     | 3.94   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 33       | 22       | 47.18  | cps   |
| Calcium    | 43-1  | 400      | 267      | 425      | 364      | 23.39  | cps   |
| Calcium    | 44-1  | 23862    | 24104    | 23762    | 23909    | 0.74   | cps   |
| Chromium   | 52-2  | 2007     | 1780     | 1690     | 1826     | 8.94   | cps   |
| Cobalt     | 59-2  | 103      | 67       | 73       | 81       | 24.08  | cps   |
| Copper     | 63-2  | 1610     | 1717     | 1840     | 1722     | 6.68   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 58       | 42       | 83       | 61       | 34.32  | cps   |
| Erbium     | 164-2 | 27       | 53       | 23       | 34       | 47.73  | cps   |
| Gadolinium | 160-1 | 158      | 158      | 117      | 144      | 16.66  | cps   |
| Gadolinium | 160-2 | 107      | 140      | 130      | 126      | 13.62  | cps   |
| Holmium    | 165-1 | 13459973 | 13206007 | 13184069 | 13283350 | 1.15   | cps   |
| Holmium    | 165-2 | 7445650  | 7325886  | 7406277  | 7392604  | 0.83   | cps   |
| Indium     | 115-1 | 11195810 | 10936628 | 10629829 | 10920756 | 2.59   | cps   |
| Indium     | 115-2 | 2417916  | 2368185  | 2384512  | 2390204  | 1.06   | cps   |
| Iron       | 56-2  | 9325     | 9248     | 8753     | 9109     | 3.41   | cps   |
| Iron       | 57-2  | 400      | 406      | 367      | 391      | 5.38   | cps   |
| Lead       | 206-1 | 5301570  | 5222965  | 5160922  | 5228486  | 1.35   | cps   |
| Lead       | 207-1 | 4751725  | 4668560  | 4604062  | 4674782  | 1.58   | cps   |
| Lead       | 208-1 | 21634381 | 21422389 | 21116094 | 21390955 | 1.22   | cps   |
| Lithium    | 6-1   | 1882290  | 1854403  | 1840106  | 1858933  | 1.15   | cps   |
| Magnesium  | 24-2  | 433      | 392      | 383      | 403      | 6.65   | cps   |
| Manganese  | 55-2  | 103      | 60       | 63       | 76       | 31.92  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:55:20 | DataFile Name :   | 174SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 317      | 242      | 342      | 300      | 17.35  | cps   |
| Molybdenum | 95-1  | 167      | 100      | 133      | 133      | 25.00  | cps   |
| Molybdenum | 96-1  | 225      | 192      | 175      | 197      | 12.91  | cps   |
| Molybdenum | 97-1  | 192      | 217      | 158      | 189      | 15.49  | cps   |
| Molybdenum | 98-1  | 225      | 125      | 167      | 172      | 29.16  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 93       | 97       | 110      | 100      | 8.82   | cps   |
| Phosphorus | 31-2  | 150      | 175      | 175      | 167      | 8.66   | cps   |
| Potassium  | 39-2  | 61981    | 62006    | 61194    | 61727    | 0.75   | cps   |
| Rhodium    | 103-1 | 10515137 | 10218896 | 10162521 | 10298852 | 1.84   | cps   |
| Rhodium    | 103-2 | 5185670  | 5134044  | 5140970  | 5153561  | 0.54   | cps   |
| Scandium   | 45-1  | 7245882  | 7111968  | 7018842  | 7125564  | 1.60   | cps   |
| Scandium   | 45-2  | 385145   | 369901   | 371908   | 375651   | 2.20   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 111      | 126      | 107      | 115      | 8.54   | cps   |
| Selenium   | 82-1  | 139      | 241      | 171      | 183      | 28.40  | cps   |
| Silicon    | 28-1  | 627476   | 624108   | 628564   | 626716   | 0.37   | cps   |
| Silver     | 109-1 | 150      | 92       | 83       | 108      | 33.53  | cps   |
| Silver     | 107-1 | 125      | 142      | 192      | 153      | 22.71  | cps   |
| Sodium     | 23-2  | 43364    | 42720    | 43163    | 43082    | 0.76   | cps   |
| Strontium  | 86-1  | 1759     | 1917     | 1583     | 1753     | 9.51   | cps   |
| Strontium  | 88-1  | 708      | 758      | 650      | 706      | 7.68   | cps   |
| Sulfur     | 34-1  | 755471   | 752009   | 754685   | 754055   | 0.24   | cps   |
| Terbium    | 159-1 | 14180404 | 13915067 | 13557774 | 13884415 | 2.25   | cps   |
| Terbium    | 159-2 | 7506332  | 7435682  | 7227118  | 7389711  | 1.96   | cps   |
| Thallium   | 203-1 | 342      | 233      | 183      | 253      | 32.02  | cps   |
| Thallium   | 205-1 | 517      | 617      | 542      | 558      | 9.32   | cps   |
| Tin        | 118-1 | 1067     | 1058     | 983      | 1036     | 4.43   | cps   |
| Titanium   | 47-1  | 242      | 183      | 225      | 217      | 13.87  | cps   |
| Uranium    | 238-1 | 250      | 267      | 358      | 292      | 20.00  | cps   |
| Vanadium   | 51-2  | 40       | 23       | 20       | 28       | 38.58  | cps   |
| Yttrium    | 89-1  | 11531816 | 11196649 | 11164269 | 11297578 | 1.80   | cps   |
| Yttrium    | 89-2  | 1917752  | 1901806  | 1903514  | 1907691  | 0.46   | cps   |
| Zinc       | 66-2  | 417      | 467      | 367      | 417      | 12.00  | cps   |
| Zirconium  | 90-1  | 883      | 642      | 708      | 744      | 16.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:55:20 | DataFile Name :   | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 200  | 125  | 161     | 23.32  | cps   |

LB Number : LB89381 Operator : Jaswal  
 Lab Sample ID : CCB97 Instrumnet Name : P7  
 Client Sample ID : CCB97 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-10 01:58:47 DataFile Name : 175SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92       | 92       | 67       | 83       | 17.32  | cps   |
| Antimony   | 121-1 | 33       | 42       | 33       | 36       | 13.33  | cps   |
| Arsenic    | 75-2  | 17       | 6        | 24       | 15       | 60.37  | cps   |
| Barium     | 135-1 | 50       | 75       | 8        | 44       | 75.78  | cps   |
| Barium     | 137-1 | 67       | 83       | 67       | 72       | 13.33  | cps   |
| Beryllium  | 9-1   | 11       | 22       | 44       | 26       | 65.48  | cps   |
| Bismuth    | 209-1 | 8715548  | 8768719  | 8642178  | 8708815  | 0.73   | cps   |
| Bismuth    | 209-2 | 5614000  | 5758290  | 5704567  | 5692286  | 1.28   | cps   |
| Boron      | 10-1  | 208      | 233      | 233      | 225      | 6.42   | cps   |
| Boron      | 11-1  | 1158     | 1058     | 975      | 1064     | 8.63   | cps   |
| Cadmium    | 111-1 | 2741     | 2546     | 2623     | 2637     | 3.71   | cps   |
| Cadmium    | 106-1 | 3934     | 3626     | 3751     | 3770     | 4.12   | cps   |
| Cadmium    | 108-1 | 25       | 0        | 21       | 15       | 87.67  | cps   |
| Calcium    | 43-1  | 283      | 292      | 300      | 292      | 2.86   | cps   |
| Calcium    | 44-1  | 22385    | 21317    | 21817    | 21839    | 2.45   | cps   |
| Chromium   | 52-2  | 1933     | 1857     | 1763     | 1851     | 4.60   | cps   |
| Cobalt     | 59-2  | 37       | 73       | 67       | 59       | 33.16  | cps   |
| Copper     | 63-2  | 1720     | 1667     | 1710     | 1699     | 1.67   | cps   |
| Dysprosium | 156-1 | 42       | 8        | 0        | 17       | 132.30 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 50       | 92       | 64       | 37.66  | cps   |
| Erbium     | 164-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 75       | 117      | 100      | 97       | 21.57  | cps   |
| Gadolinium | 160-2 | 123      | 107      | 140      | 123      | 13.51  | cps   |
| Holmium    | 165-1 | 13677313 | 13475724 | 13386169 | 13513069 | 1.10   | cps   |
| Holmium    | 165-2 | 7463266  | 7602826  | 7677375  | 7581156  | 1.43   | cps   |
| Indium     | 115-1 | 11136793 | 11146585 | 10960077 | 11081152 | 0.95   | cps   |
| Indium     | 115-2 | 2415480  | 2473237  | 2439957  | 2442891  | 1.19   | cps   |
| Iron       | 56-2  | 6579     | 7069     | 6780     | 6809     | 3.61   | cps   |
| Iron       | 57-2  | 289      | 344      | 356      | 330      | 10.84  | cps   |
| Lead       | 206-1 | 1195     | 1100     | 1061     | 1119     | 6.13   | cps   |
| Lead       | 207-1 | 1056     | 1039     | 895      | 996      | 8.89   | cps   |
| Lead       | 208-1 | 4645     | 4639     | 4389     | 4558     | 3.20   | cps   |
| Lithium    | 6-1   | 1884907  | 1871976  | 1830761  | 1862548  | 1.52   | cps   |
| Magnesium  | 24-2  | 125      | 150      | 158      | 144      | 12.01  | cps   |
| Manganese  | 55-2  | 57       | 70       | 90       | 72       | 23.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:58:47 | DataFile Name :   | 175SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 242      | 175      | 217      | 211      | 15.95  | cps   |
| Molybdenum | 95-1  | 17       | 58       | 25       | 33       | 66.14  | cps   |
| Molybdenum | 96-1  | 108      | 75       | 92       | 92       | 18.18  | cps   |
| Molybdenum | 97-1  | 83       | 67       | 117      | 89       | 28.64  | cps   |
| Molybdenum | 98-1  | 42       | 67       | 75       | 61       | 28.38  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 90       | 87       | 113      | 97       | 15.03  | cps   |
| Phosphorus | 31-2  | 200      | 200      | 208      | 203      | 2.37   | cps   |
| Potassium  | 39-2  | 61135    | 62607    | 60600    | 61448    | 1.69   | cps   |
| Rhodium    | 103-1 | 10676226 | 10410098 | 10375105 | 10487143 | 1.57   | cps   |
| Rhodium    | 103-2 | 5202602  | 5335770  | 5286196  | 5274856  | 1.28   | cps   |
| Scandium   | 45-1  | 7364202  | 7320321  | 7193380  | 7292634  | 1.22   | cps   |
| Scandium   | 45-2  | 375148   | 388115   | 386918   | 383394   | 1.87   | cps   |
| Selenium   | 77-2  | 13       | 0        | 3        | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 106      | 109      | 91       | 102      | 9.62   | cps   |
| Selenium   | 82-1  | 290      | 146      | 175      | 204      | 37.41  | cps   |
| Silicon    | 28-1  | 630421   | 624666   | 625870   | 626986   | 0.48   | cps   |
| Silver     | 109-1 | 50       | 67       | 100      | 72       | 35.25  | cps   |
| Silver     | 107-1 | 58       | 58       | 125      | 81       | 47.78  | cps   |
| Sodium     | 23-2  | 41709    | 41634    | 42570    | 41971    | 1.24   | cps   |
| Strontium  | 86-1  | 1367     | 1800     | 1817     | 1661     | 15.36  | cps   |
| Strontium  | 88-1  | 342      | 292      | 292      | 308      | 9.36   | cps   |
| Sulfur     | 34-1  | 740717   | 737537   | 739480   | 739245   | 0.22   | cps   |
| Terbium    | 159-1 | 14160407 | 14029287 | 13989336 | 14059677 | 0.64   | cps   |
| Terbium    | 159-2 | 7448789  | 7550014  | 7616485  | 7538429  | 1.12   | cps   |
| Thallium   | 203-1 | 108      | 158      | 108      | 125      | 23.09  | cps   |
| Thallium   | 205-1 | 325      | 275      | 375      | 325      | 15.38  | cps   |
| Tin        | 118-1 | 1200     | 1208     | 1108     | 1172     | 4.73   | cps   |
| Titanium   | 47-1  | 208      | 183      | 183      | 192      | 7.53   | cps   |
| Uranium    | 238-1 | 25       | 58       | 92       | 58       | 57.14  | cps   |
| Vanadium   | 51-2  | 13       | 7        | 17       | 12       | 41.65  | cps   |
| Yttrium    | 89-1  | 11607075 | 11523577 | 11365482 | 11498712 | 1.07   | cps   |
| Yttrium    | 89-2  | 1919389  | 1971013  | 1959358  | 1949920  | 1.39   | cps   |
| Zinc       | 66-2  | 197      | 233      | 240      | 223      | 10.45  | cps   |
| Zirconium  | 90-1  | 625      | 625      | 783      | 678      | 13.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89381             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-10 01:58:47 | DataFile Name :   | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 233  | 192  | 192     | 21.74  | cps   |