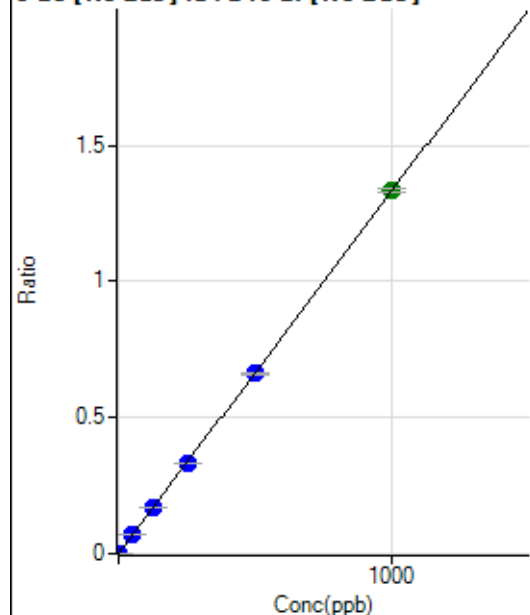


Batch Folder: D:\P8081617-MS.b\  
Analysis File: P8081617-MS.batch.bin  
DA Date-Time: 2017-08-16 18:03:31  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2017-08-16 11:23:46 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2017-08-16 11:30:43 |
| 4     | 006CALS.d          | S03         | 2017-08-16 11:34:12 |
| 5     | 007CALS.d          | S04         | 2017-08-16 11:37:40 |
| 6     | 008CALS.d          | S05         | 2017-08-16 11:41:02 |
| 7     | 009CALS.d          | S06         | 2017-08-16 11:44:20 |
| 8     | 010CALS.d          | S07         | 2017-08-16 11:47:33 |
| 9     | 011CALS.d          | S08         | 2017-08-16 11:50:39 |

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 90.74      | 0.0001 | P    | 28.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.959      | 1526.06    | 0.0014 | P    | 11.1 |
| 4 | <input type="checkbox"/> | 50.000   | 51.120     | 77293.82   | 0.0681 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.600    | 191184.33  | 0.1686 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.600    | 382988.34  | 0.3324 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 496.912    | 765405.75  | 0.6616 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.388   | 1580847.53 | 1.3333 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 474.10     | 0.0004 | P    | 13.6 |

$$y = 0.0013 * x + 7.9242E-005$$

$$R = 1.0000$$

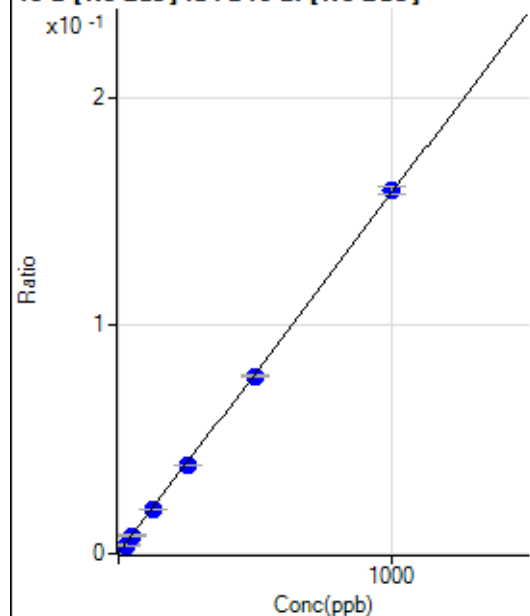
$$DL = 0.05122$$

$$BEC = 0.05952$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 194.46    | 0.0002 | P    | 12.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 22.299     | 4153.57   | 0.0037 | P    | 8.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.321     | 9028.23   | 0.0080 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 122.963    | 22209.57  | 0.0196 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 244.826    | 44748.64  | 0.0388 | P    | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 491.940    | 90068.43  | 0.0779 | P    | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.679   | 188508.12 | 0.1590 | P    | 2.2  |
| 9 | <input type="checkbox"/> |          |            | 6301.64   | 0.0053 | P    | 8.0  |

$$y = 1.5793E-004 * x + 1.6961E-004$$

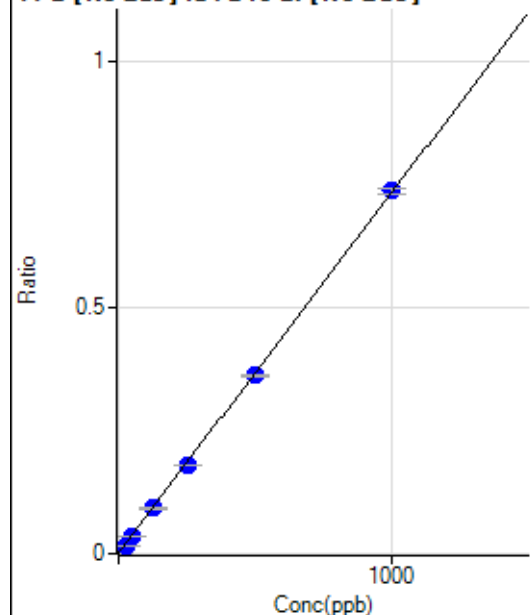
$$R = 0.9999$$

$$DL = 0.4139$$

$$BEC = 1.074$$

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      | 880.62    | 0.0008 | P    | 15.5 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.651     | 18707.28  | 0.0166 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.002     | 41578.02  | 0.0367 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.196    | 104817.53 | 0.0925 | P    | 2.7  |
| 6 | <input type="checkbox"/> | 250.000  | 244.074    | 206842.00 | 0.1795 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 493.064    | 418596.34 | 0.3619 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.059   | 873642.68 | 0.7368 | P    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 28443.00  | 0.0240 | P    | 7.2  |

$$y = 7.3233\text{E-}004 * x + 7.6859\text{E-}004$$

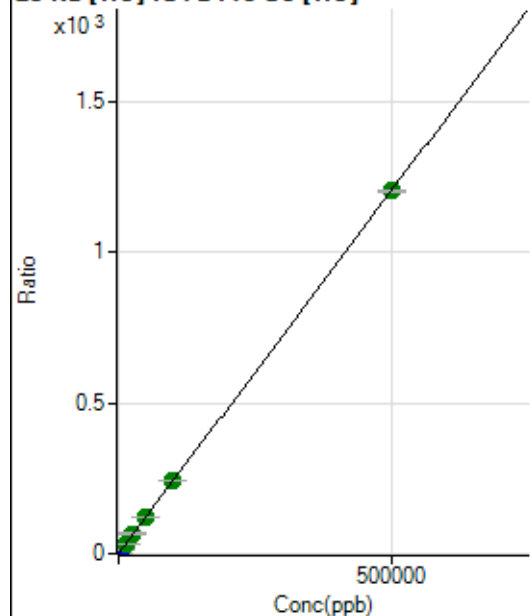
$$R = 0.9999$$

$$DL = 0.4871$$

$$BEC = 1.05$$

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      | 4806.56     | 0.1124    | P    | 3.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 454.419    | 51881.56    | 1.2079    | P    | 1.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 4942.002   | 529594.89   | 12.0258   | P    | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12794.309  | 1338884.86  | 30.9550   | A    | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 26918.225  | 2642544.96  | 65.0028   | A    | 9.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 50545.456  | 5050344.12  | 121.9597  | A    | 1.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 100947.11  | 10172155.43 | 243.4602  | A    | 1.3 |
| 9 | <input type="checkbox"/> | 500000.00 | 499653.38  | 51785930.32 | 1,204.600 | A    | 0.9 |

$$y = 0.0024 * x + 0.1124$$

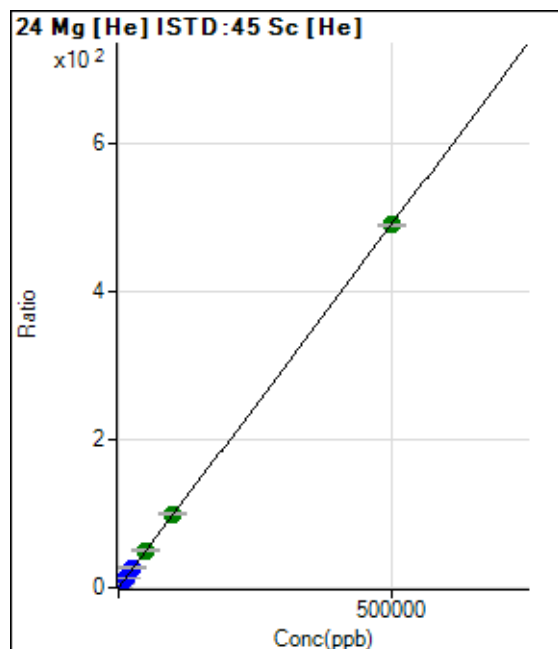
$$R = 1.0000$$

$$DL = 4.43$$

$$BEC = 46.63$$

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      | 186.12      | 0.0044   | P    | 7.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 451.917    | 19205.37    | 0.4472   | P    | 3.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 4980.686   | 215111.91   | 4.8846   | P    | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 12531.192  | 531251.13   | 12.2828  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26773.347  | 1066763.52  | 26.2377  | P    | 8.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 51365.788  | 2084377.91  | 50.3340  | A    | 1.0 |
| 8 | <input type="checkbox"/> | 100000.00 | 101399.67  | 4151400.96  | 99.3587  | A    | 1.3 |
| 9 | <input type="checkbox"/> | 500000.00 | 499494.27  | 21040979.81 | 489.4234 | A    | 0.4 |

$$y = 9.7983\text{E-}004 * x + 0.0044$$

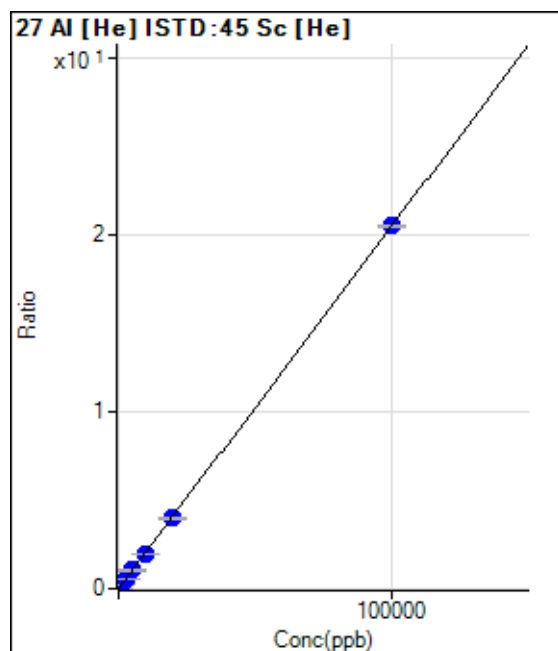
$$R = 1.0000$$

$$DL = 1.037$$

$$BEC = 4.444$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19.44     | 0.0005  | P    | 89.6 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 18.972     | 186.12    | 0.0043  | P    | 7.4  |
| 4 | <input type="checkbox"/> | 1000.000  | 976.673    | 8819.80   | 0.2003  | P    | 2.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2435.250   | 21572.60  | 0.4987  | P    | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5210.472   | 43375.66  | 1.0666  | P    | 8.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9646.653   | 81761.00  | 1.9743  | P    | 0.5  |
| 8 | <input type="checkbox"/> | 20000.000 | 19450.389  | 166311.27 | 3.9804  | P    | 0.9  |
| 9 | <input type="checkbox"/> | 100000.00 | 100136.58  | 880921.28 | 20.4902 | P    | 0.7  |

$$y = 2.0462\text{E-}004 * x + 4.5197\text{E-}004$$

$$R = 1.0000$$

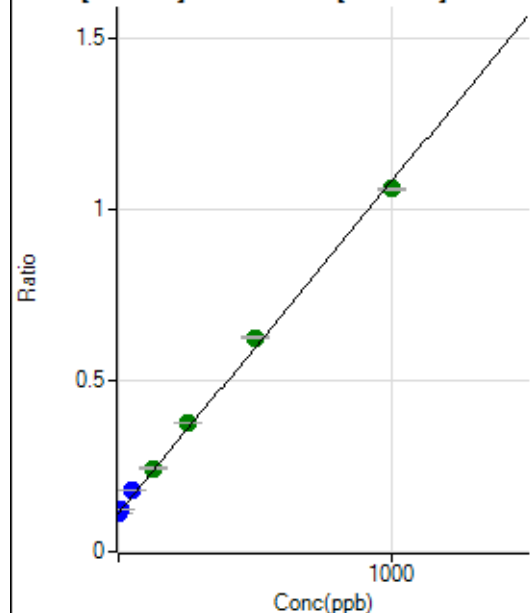
$$DL = 5.939$$

$$BEC = 2.209$$

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      | 496855.78  | 0.1128 | P    | 1.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 10.560     | 542707.64  | 0.1230 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 67.876     | 784931.99  | 0.1786 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 134.505    | 1071793.70 | 0.2432 | A    | 1.7 |
| 6 | <input type="checkbox"/> | 250.000  | 272.478    | 1637850.50 | 0.3770 | A    | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 529.784    | 2742272.74 | 0.6265 | A    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 977.401    | 4679549.24 | 1.0605 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 731439.01  | 0.1687 | P    | 0.9 |

$$y = 9.6965E-004 * x + 0.1128$$

$$R = 0.9990$$

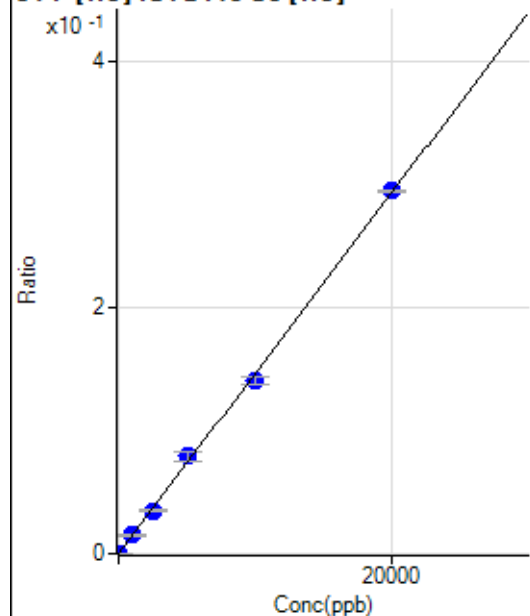
$$DL = 3.527$$

$$BEC = 116.3$$

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     | 6.643      | 13.89    | 0.0003 | P    | 34.5 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | -6.643     | 5.56     | 0.0001 | P    | 173. |
| 4 | <input type="checkbox"/> | 1000.000  | 1030.549   | 675.05   | 0.0153 | P    | 13.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2383.846   | 1522.37  | 0.0352 | P    | 7.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5388.777   | 3219.96  | 0.0793 | P    | 10.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 9594.387   | 5837.60  | 0.1409 | P    | 4.0  |
| 8 | <input type="checkbox"/> | 20000.000 | 20118.604  | 12339.25 | 0.2953 | P    | 0.3  |
| 9 | <input type="checkbox"/> |           |            | 19.45    | 0.0005 | P    | 23.9 |

$$y = 1.4666E-005 * x + 2.2717E-004$$

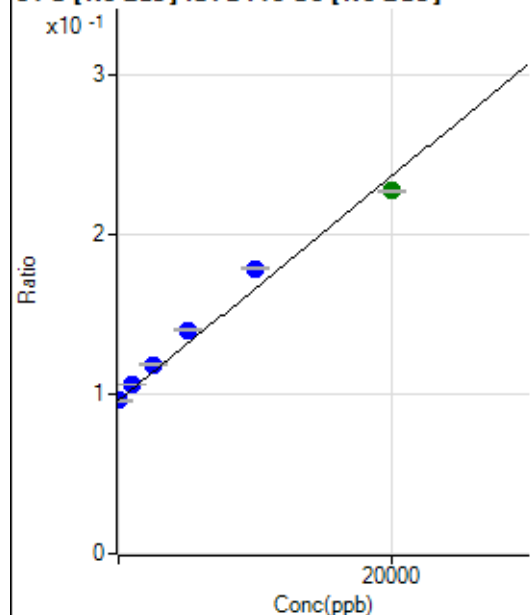
$$R = 0.9995$$

$$DL = 34.44$$

$$BEC = 15.49$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -3.316     | 423438.93  | 0.0961 | P    | 0.9 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 3.316      | 424253.47  | 0.0962 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 1000.000  | 1447.141   | 467282.39  | 0.1063 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 3201.719   | 522973.60  | 0.1187 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 6275.984   | 609442.90  | 0.1403 | P    | 1.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 11775.400  | 783331.12  | 0.1790 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 20000.000 | 18683.232  | 1003969.78 | 0.2275 | A    | 0.6 |
| 9 | <input type="checkbox"/> |           |            | 423977.10  | 0.0978 | P    | 1.4 |

$$y = 7.0319\text{E-}006 * x + 0.0962$$

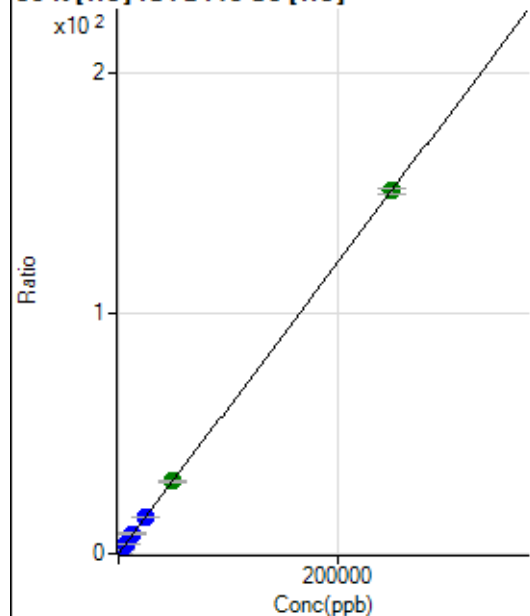
$$R = 0.9911$$

$$DL = 311.9$$

$$BEC = 1.367\text{E}+04$$

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      | 3772.89    | 0.0882   | P    | 4.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 462.560    | 15759.42   | 0.3669   | P    | 0.5 |
| 4 | <input type="checkbox"/> | 2500.000  | 2582.570   | 72392.38   | 1.6439   | P    | 1.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6444.592   | 171720.44  | 3.9703   | P    | 1.0 |
| 6 | <input type="checkbox"/> | 12500.000 | 13499.825  | 334358.97  | 8.2201   | P    | 8.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 25070.791  | 629030.46  | 15.1901  | P    | 0.9 |
| 8 | <input type="checkbox"/> | 50000.000 | 49731.744  | 1255281.01 | 30.0451  | A    | 1.9 |
| 9 | <input type="checkbox"/> | 250000.00 | 249990.96  | 6477364.81 | 150.6749 | A    | 1.5 |

$$y = 6.0237\text{E-}004 * x + 0.0882$$

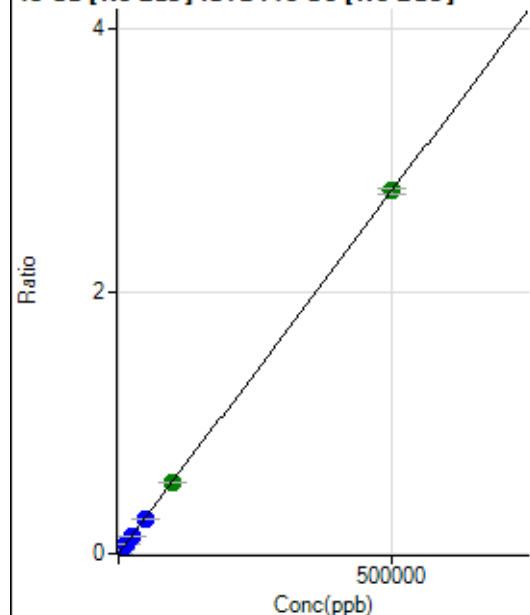
$$R = 1.0000$$

$$DL = 18.9$$

$$BEC = 146.5$$

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      | 2364.20     | 0.0005 | P   | 5.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 439.112    | 13067.72    | 0.0030 | P   | 2.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 4912.072   | 121598.44   | 0.0277 | P   | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12259.381  | 300790.27   | 0.0683 | P   | 1.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 24648.155  | 593878.24   | 0.1367 | P   | 0.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 48624.911  | 1178080.42  | 0.2691 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 97426.071  | 2377066.09  | 0.5387 | A   | 0.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 500676.84  | 11992337.25 | 2.7662 | A   | 1.8 |

$$y = 5.5238\text{E-}006 * x + 5.3674\text{E-}004$$

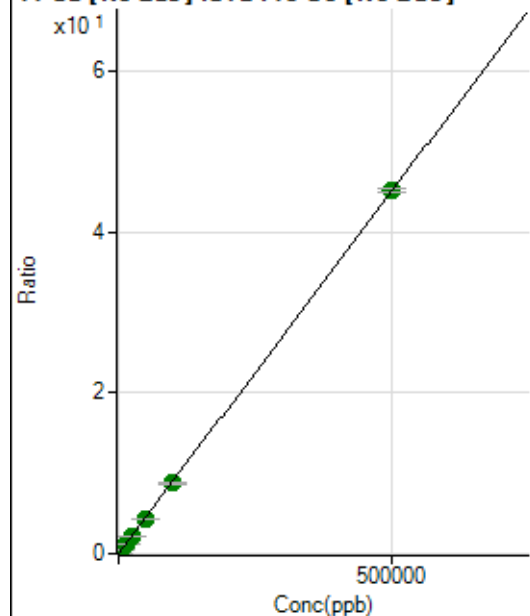
$$R = 1.0000$$

$$DL = 16.8$$

$$BEC = 97.17$$

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      | 56559.58    | 0.0128  | P   | 3.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 439.573    | 231252.15   | 0.0524  | P   | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 4985.899   | 2029594.01  | 0.4618  | A   | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 12150.438  | 4878502.41  | 1.1070  | A   | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 24518.861  | 9647334.68  | 2.2207  | A   | 1.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 48112.012  | 19020142.79 | 4.3452  | A   | 0.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 96793.652  | 38516586.63 | 8.7289  | A   | 0.2 |
| 9 | <input type="checkbox"/> | 500000.00 | 500863.06  | 195597444.6 | 45.1147 | A   | 1.2 |

$$y = 9.0048\text{E-}005 * x + 0.0128$$

$$R = 1.0000$$

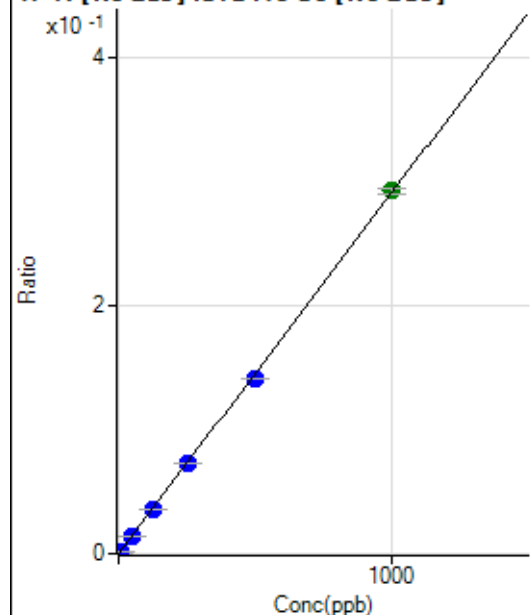
$$DL = 16.43$$

$$BEC = 142.6$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 200.01     | 0.0000 | P   | 29.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.407      | 5854.24    | 0.0013 | P   | 4.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.994     | 64105.80   | 0.0146 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 124.375    | 159631.44  | 0.0362 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 251.071    | 317456.42  | 0.0731 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 487.276    | 620586.50  | 0.1418 | P   | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.176   | 1291472.71 | 0.2927 | A   | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 955.64     | 0.0002 | P   | 6.3  |

$$y = 2.9086E-004 * x + 4.5453E-005$$

$$R = 0.9999$$

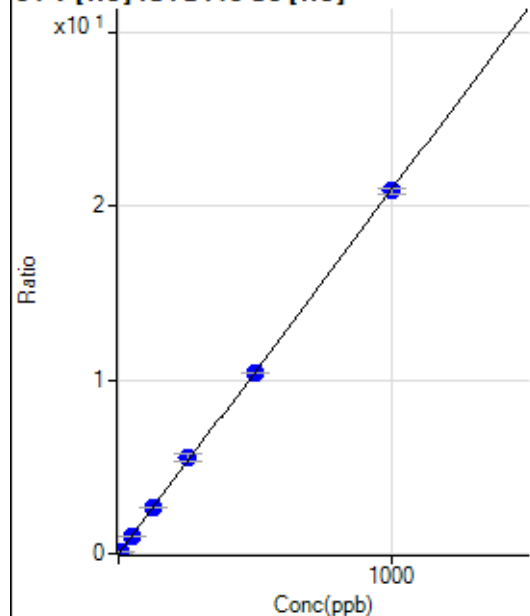
$$DL = 0.139$$

$$BEC = 0.1563$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11     | 0.0003  | P   | 18.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.456      | 4013.99   | 0.0935  | P   | 4.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.887     | 45965.31  | 1.0437  | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.138    | 114119.74 | 2.6385  | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 263.833    | 224410.77 | 5.5185  | P   | 8.4  |
| 7 | <input type="checkbox"/> | 500.000  | 498.014    | 431357.76 | 10.4165 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.401    | 871610.49 | 20.8615 | P   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 396.68    | 0.0092  | P   | 8.2  |

$$y = 0.0209 * x + 2.6021E-004$$

$$R = 0.9999$$

$$DL = 0.006996$$

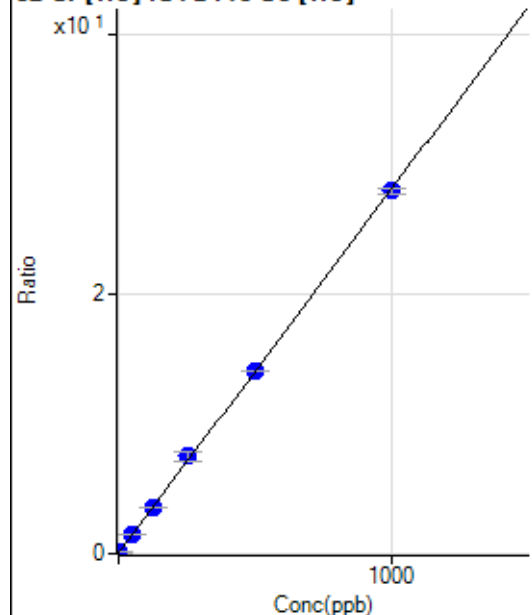
$$BEC = 0.01244$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1065.61    | 0.0249  | P   | 10.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.019      | 3501.61    | 0.0815  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.056     | 64108.32   | 1.4558  | P   | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.508    | 154424.78  | 3.5704  | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 267.166    | 305304.70  | 7.5123  | P   | 9.5  |
| 7 | <input type="checkbox"/> | 500.000  | 500.700    | 582126.63  | 14.0572 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.117    | 1166251.77 | 27.9133 | P   | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 5153.26    | 0.1199  | P   | 3.2  |

$$y = 0.0280 * x + 0.0249$$

$$R = 0.9998$$

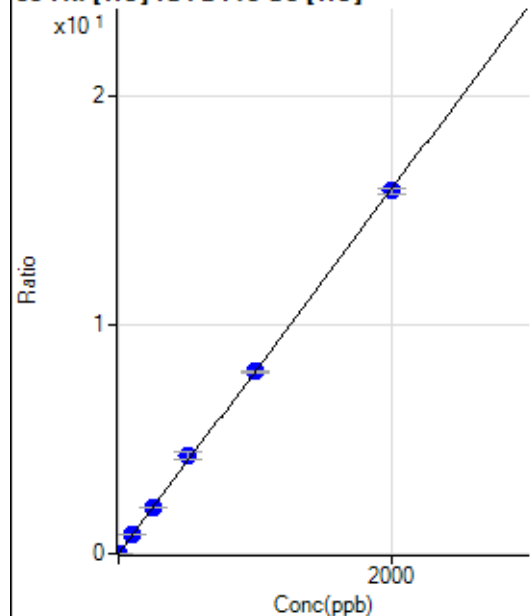
$$DL = 0.2678$$

$$BEC = 0.8901$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 64.44     | 0.0015  | P   | 30.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.006      | 408.90    | 0.0095  | P   | 7.5  |
| 4 | <input type="checkbox"/> | 100.000  | 102.842    | 36134.59  | 0.8205  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 257.545    | 88773.22  | 2.0524  | P   | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 538.122    | 174278.23 | 4.2868  | P   | 8.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.634    | 329385.01 | 7.9540  | P   | 0.5  |
| 8 | <input type="checkbox"/> | 2000.000 | 1990.067   | 662194.75 | 15.8491 | P   | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 1829.04   | 0.0425  | P   | 7.3  |

$$y = 0.0080 * x + 0.0015$$

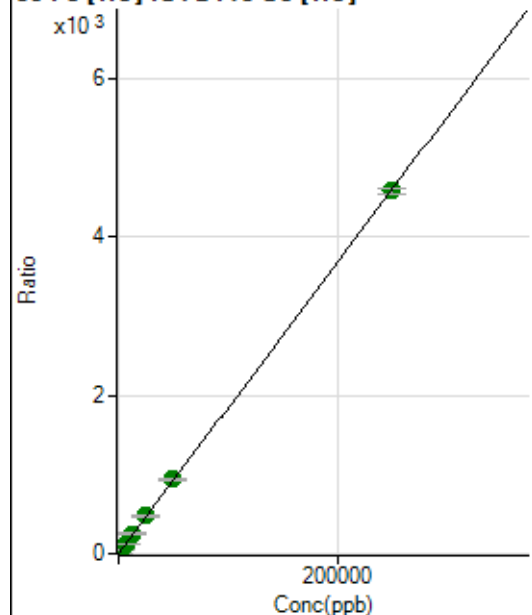
$$R = 0.9998$$

$$DL = 0.1757$$

$$BEC = 0.1899$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2439.18     | 0.0570    | P    | 5.6 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 47.396     | 39853.75    | 0.9277    | P    | 1.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2656.337   | 2151530.99  | 48.8555   | A    | 0.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6563.598   | 5217659.55  | 120.6341  | A    | 1.2 |
| 6 | <input type="checkbox"/> | 12500.000 | 13739.517  | 10262831.94 | 252.4598  | A    | 9.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 25823.761  | 19647465.95 | 474.4543  | A    | 0.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 51247.747  | 39337175.41 | 941.5075  | A    | 1.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 249596.69  | 197116880.3 | 4,585.291 | A    | 1.2 |

$$y = 0.0184 * x + 0.0570$$

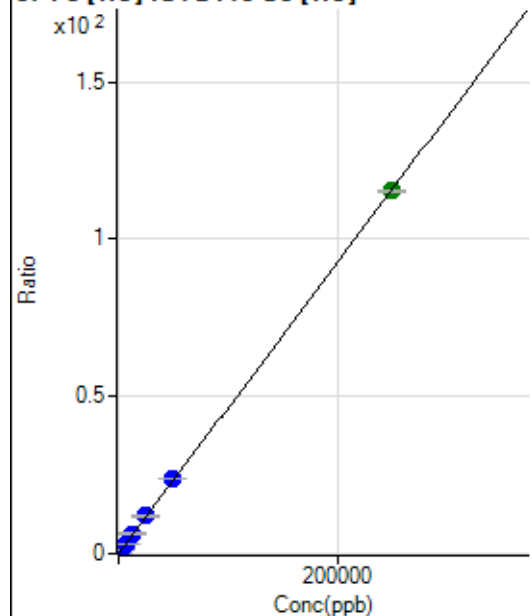
$$R = 1.0000$$

$$DL = 0.5221$$

$$BEC = 3.105$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 66.67      | 0.0016   | P    | 18.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |          |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 47.158     | 1003.78    | 0.0233   | P    | 15.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2616.138   | 53294.51   | 1.2102   | P    | 0.9  |
| 5 | <input type="checkbox"/> | 6250.000  | 6538.845   | 130730.91  | 3.0225   | P    | 0.4  |
| 6 | <input type="checkbox"/> | 12500.000 | 13749.693  | 258259.64  | 6.3539   | P    | 9.3  |
| 7 | <input type="checkbox"/> | 25000.000 | 25877.779  | 495151.11  | 11.9571  | P    | 0.7  |
| 8 | <input type="checkbox"/> | 50000.000 | 51152.353  | 987518.00  | 23.6339  | P    | 0.6  |
| 9 | <input type="checkbox"/> | 250000.00 | 249610.88  | 4957900.52 | 115.3214 | A    | 0.3  |

$$y = 4.6200E-004 * x + 0.0016$$

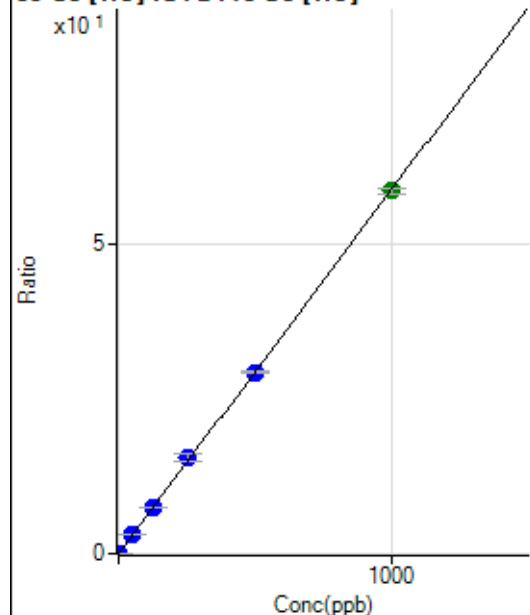
$$R = 1.0000$$

$$DL = 1.855$$

$$BEC = 3.381$$

Weight: &lt;None&gt;

Min Conc: 0

**59 Co [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 54.44      | 0.0013  | P   | 21.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.917      | 2376.92    | 0.0553  | P   | 4.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.903     | 132198.76  | 3.0021  | P   | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.503    | 322610.61  | 7.4588  | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 265.524    | 636549.66  | 15.6543 | P   | 8.5  |
| 7 | <input type="checkbox"/> | 500.000  | 498.368    | 1216667.95 | 29.3809 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.702    | 2454934.01 | 58.7585 | A   | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 2991.48    | 0.0696  | P   | 2.5  |

$$y = 0.0590 * x + 0.0013$$

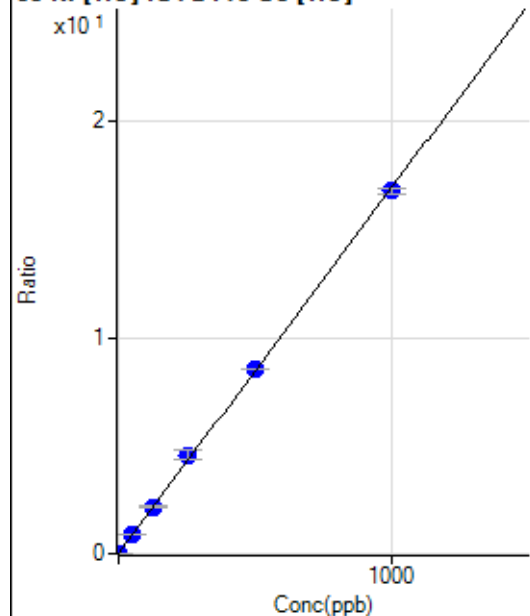
$$R = 0.9999$$

$$DL = 0.0138$$

$$BEC = 0.02158$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-----------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 376.68    | 0.0088  | P   | 2.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.939      | 1061.17   | 0.0247  | P   | 5.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.550     | 38815.22  | 0.8814  | P   | 1.7 |
| 5 | <input type="checkbox"/> | 125.000  | 128.225    | 94261.90  | 2.1793  | P   | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 270.337    | 186415.36 | 4.5849  | P   | 8.8 |
| 7 | <input type="checkbox"/> | 500.000  | 505.265    | 354549.67 | 8.5616  | P   | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.803    | 701824.19 | 16.7975 | P   | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 2055.75   | 0.0478  | P   | 1.9 |

$$y = 0.0169 * x + 0.0088$$

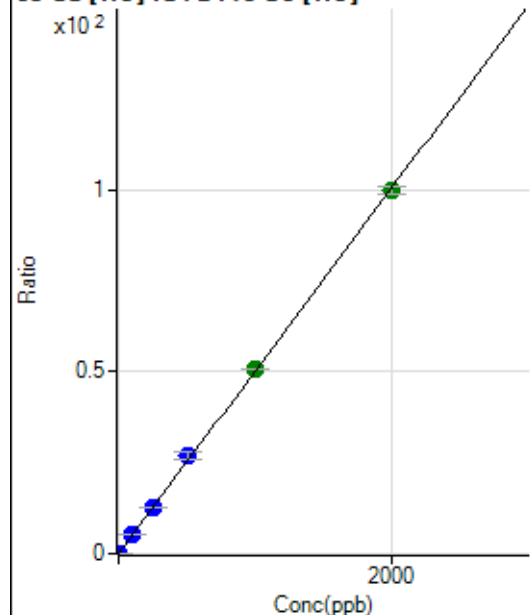
$$R = 0.9997$$

$$DL = 0.03284$$

$$BEC = 0.5204$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 310.01     | 0.0073  | P    | 7.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.148      | 4946.51    | 0.1152  | P    | 2.6 |
| 4 | <input type="checkbox"/> | 100.000  | 102.066    | 226159.72  | 5.1356  | P    | 1.0 |
| 5 | <input type="checkbox"/> | 250.000  | 254.574    | 553557.04  | 12.7986 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 534.386    | 1092085.99 | 26.8579 | P    | 8.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.631   | 2101078.08 | 50.7371 | A    | 0.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1985.913   | 4169056.50 | 99.7912 | A    | 2.2 |
| 9 | <input type="checkbox"/> |          |            | 6205.94    | 0.1444  | P    | 2.6 |

$$y = 0.0502 * x + 0.0073$$

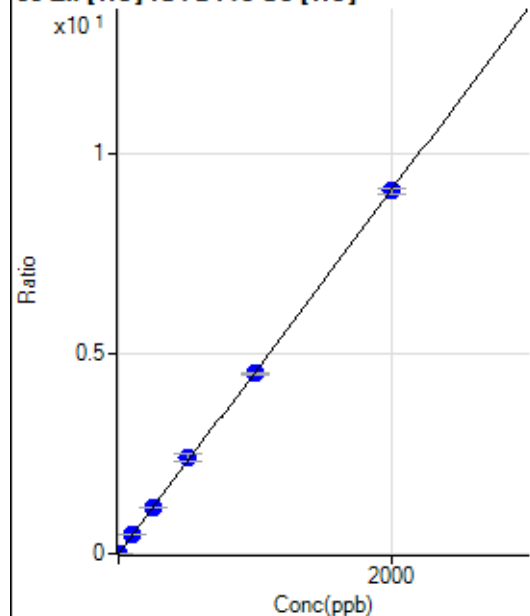
$$R = 0.9998$$

$$DL = 0.03141$$

$$BEC = 0.1444$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56     | 0.0013 | P    | 32.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.794      | 406.68    | 0.0095 | P    | 7.1  |
| 4 | <input type="checkbox"/> | 100.000  | 101.948    | 20502.05  | 0.4655 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 254.412    | 50162.71  | 1.1598 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 528.894    | 97979.60  | 2.4097 | P    | 8.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.790    | 187259.56 | 4.5221 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 2000.000 | 1995.733   | 379751.40 | 9.0890 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 1165.62   | 0.0271 | P    | 8.6  |

$$y = 0.0046 * x + 0.0013$$

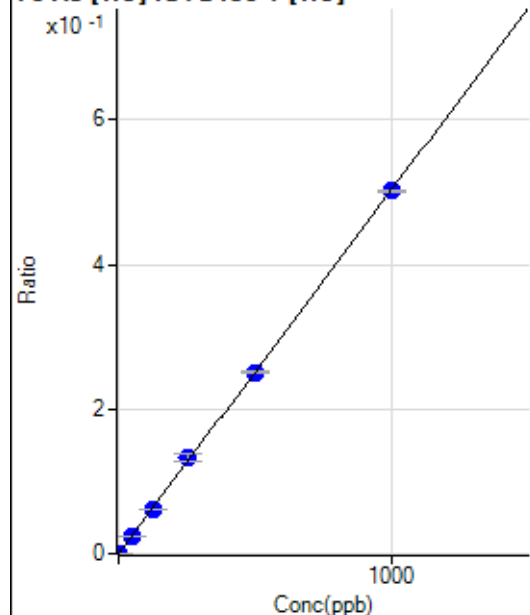
$$R = 0.9999$$

$$DL = 0.2801$$

$$BEC = 0.2849$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.09      | 0.0000 | P   | 69.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.857      | 129.01    | 0.0004 | P   | 11.9 |
| 4 | <input type="checkbox"/> | 50.000   | 49.813     | 7353.25   | 0.0251 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.424    | 17997.60  | 0.0621 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 261.925    | 35583.39  | 0.1318 | P   | 8.2  |
| 7 | <input type="checkbox"/> | 500.000  | 499.428    | 68650.82  | 0.2513 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.511    | 136603.17 | 0.5019 | P   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 58.03     | 0.0002 | P   | 25.3 |

$$y = 5.0319\text{E-}004 * x + 1.0800\text{E-}005$$

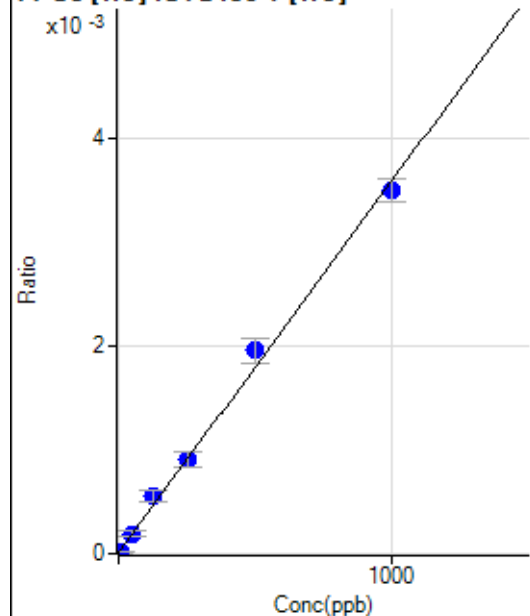
$$R = 0.9999$$

$$DL = 0.04464$$

$$BEC = 0.02146$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS    | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|--------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22   | 0.0000 | P   | 86.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |        |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.145      | 5.56   | 0.0000 | P   | 91.7 |
| 4 | <input type="checkbox"/> | 50.000   | 51.803     | 56.67  | 0.0002 | P   | 26.0 |
| 5 | <input type="checkbox"/> | 125.000  | 153.041    | 161.11 | 0.0006 | P   | 21.0 |
| 6 | <input type="checkbox"/> | 250.000  | 251.105    | 246.67 | 0.0009 | P   | 17.7 |
| 7 | <input type="checkbox"/> | 500.000  | 543.954    | 534.47 | 0.0020 | P   | 12.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 974.160    | 952.27 | 0.0035 | P   | 6.4  |
| 9 | <input type="checkbox"/> |          |            | 2.22   | 0.0000 | P   | 86.6 |

$$y = 3.5834\text{E-}006 * x + 7.7268\text{E-}006$$

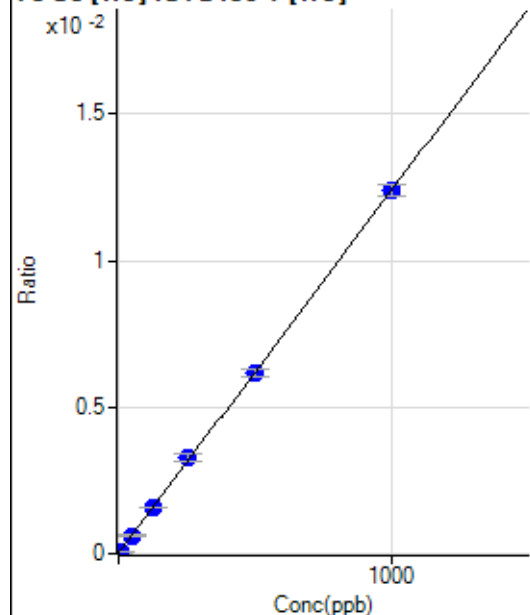
$$R = 0.9982$$

$$DL = 5.602$$

$$BEC = 2.156$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.09    | 0.0000 | P    | 91.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.247      | 18.52   | 0.0001 | P    | 45.6 |
| 4 | <input type="checkbox"/> | 50.000   | 47.897     | 177.16  | 0.0006 | P    | 9.2  |
| 5 | <input type="checkbox"/> | 125.000  | 126.524    | 457.42  | 0.0016 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 263.933    | 885.22  | 0.0033 | P    | 9.4  |
| 7 | <input type="checkbox"/> | 500.000  | 495.656    | 1680.98 | 0.0062 | P    | 4.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.607    | 3370.20 | 0.0124 | P    | 3.3  |
| 9 | <input type="checkbox"/> |          |            | 4.94    | 0.0000 | P    | 57.7 |

$$y = 1.2392\text{E-}005 * x + 1.0754\text{E-}005$$

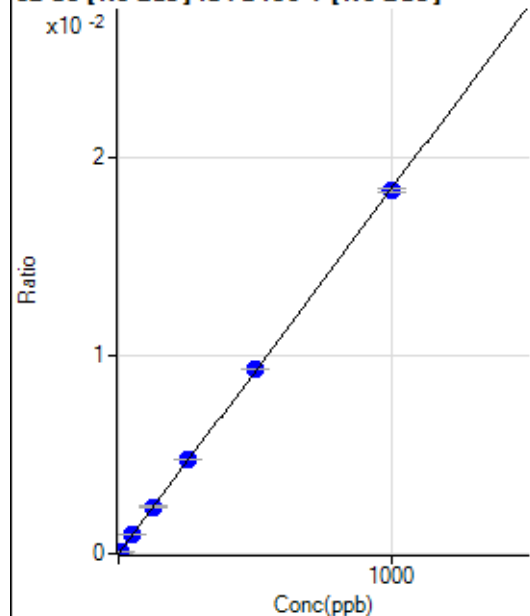
$$R = 0.9999$$

$$DL = 2.393$$

$$BEC = 0.8678$$

Weight: &lt;None&gt;

Min Conc: 0

**82 Se [No Gas] ISTD:89 Y [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -38.32    | 0.0000 | P    | -86. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.515      | 574.27    | 0.0001 | P    | 8.7  |
| 4 | <input type="checkbox"/> | 50.000   | 52.273     | 7037.02   | 0.0010 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 128.459    | 17416.02  | 0.0024 | P    | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 258.875    | 35147.10  | 0.0048 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 505.702    | 69393.42  | 0.0093 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.386    | 139920.47 | 0.0184 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 55.84     | 0.0000 | P    | 118. |

$$y = 1.8460\text{E-}005 * x - 5.2260\text{E-}006$$

$$R = 0.9999$$

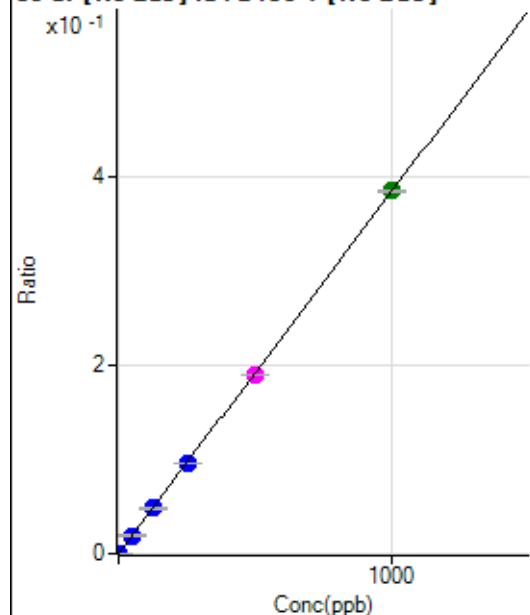
$$DL = 0.7304$$

$$BEC = -0.2831$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 844.51     | 0.0001 | P   | 9.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.949      | 3517.29    | 0.0005 | P   | 3.0 |
| 4 | <input type="checkbox"/> | 50.000   | 50.123     | 141693.80  | 0.0193 | P   | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 125.251    | 354246.26  | 0.0481 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 248.733    | 702807.85  | 0.0955 | P   | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 495.057    | 1412184.00 | 0.1899 | M   | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.751   | 2931494.84 | 0.3845 | A   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 100205.09  | 0.0134 | P   | 1.8 |

$$y = 3.8330E-004 * x + 1.1480E-004$$

$$R = 1.0000$$

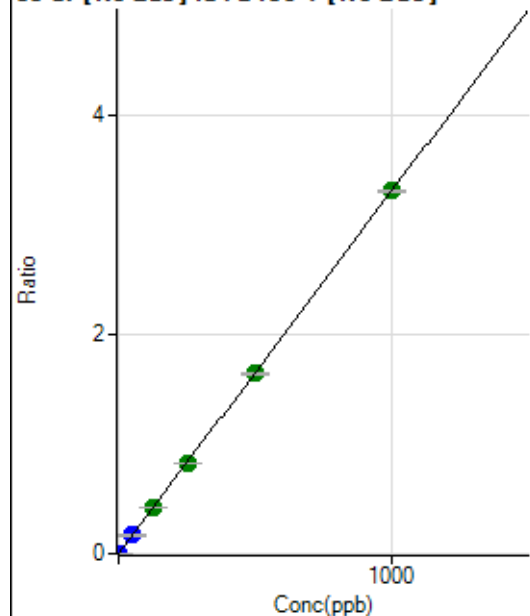
$$DL = 0.08341$$

$$BEC = 0.2995$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 325.02      | 0.0000 | P   | 10.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.939      | 23128.82    | 0.0031 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.499     | 1223569.45  | 0.1669 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 127.364    | 3097702.89  | 0.4208 | A   | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 250.306    | 6089511.34  | 0.8270 | A   | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 497.224    | 12218898.88 | 1.6428 | A   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.991   | 25217036.85 | 3.3072 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 864317.66   | 0.1158 | P   | 1.8  |

$$y = 0.0033 * x + 4.4177E-005$$

$$R = 1.0000$$

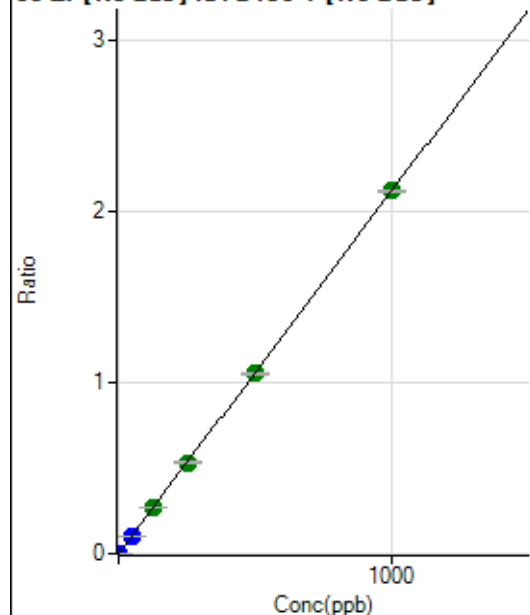
$$DL = 0.004035$$

$$BEC = 0.01337$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 444.47      | 0.0001 | P        | 5.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.851      | 13699.19    | 0.0019 | P        | 2.9 |
| 4 | <input type="checkbox"/> | 50.000   | 49.784     | 773872.20   | 0.1056 | P        | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 127.161    | 1983938.71  | 0.2695 | A        | 1.2 |
| 6 | <input type="checkbox"/> | 250.000  | 251.284    | 3921091.97  | 0.5325 | A        | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 497.053    | 7834399.31  | 1.0533 | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.893   | 16172426.23 | 2.1210 | A        | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 2969.91     | 0.0004 | P        | 7.5 |

$$y = 0.0021 * x + 6.0478E-005$$

$$R = 1.0000$$

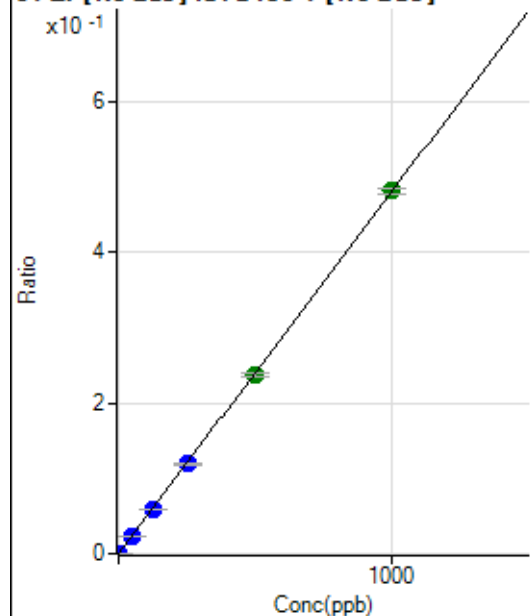
$$DL = 0.004903$$

$$BEC = 0.02854$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 125.01     | 0.0000 | P        | 13.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.852      | 3133.85    | 0.0004 | P        | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.054     | 172800.70  | 0.0236 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 123.507    | 436627.87  | 0.0593 | P        | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 247.600    | 875438.31  | 0.1189 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 494.970    | 1767636.43 | 0.2377 | A        | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.349   | 3673162.89 | 0.4818 | A        | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 711.17     | 0.0001 | P        | 14.1 |

$$y = 4.8013E-004 * x + 1.7014E-005$$

$$R = 1.0000$$

$$DL = 0.0148$$

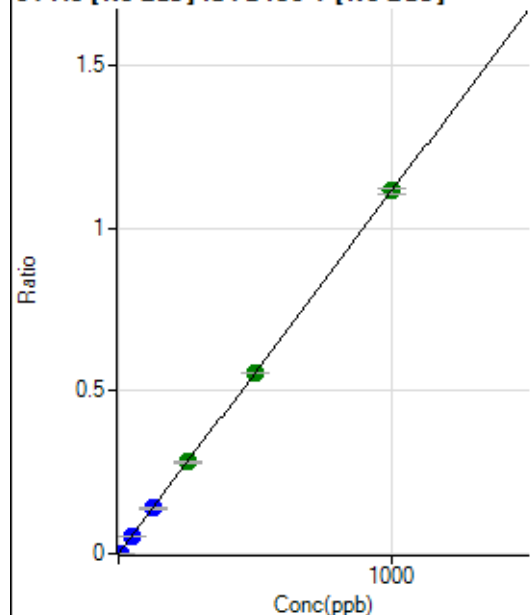
$$BEC = 0.03544$$

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      | 158.34     | 0.0000 | P    | 41.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.888      | 15603.97   | 0.0021 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.446     | 403657.95  | 0.0551 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 125.121    | 1025327.29 | 0.1393 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 252.344    | 2068232.36 | 0.2809 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 497.511    | 4118875.35 | 0.5538 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.686   | 8492733.18 | 1.1138 | A    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 3956.32    | 0.0005 | P    | 4.3  |

$$y = 0.0011 * x + 2.1500E-005$$

$$R = 1.0000$$

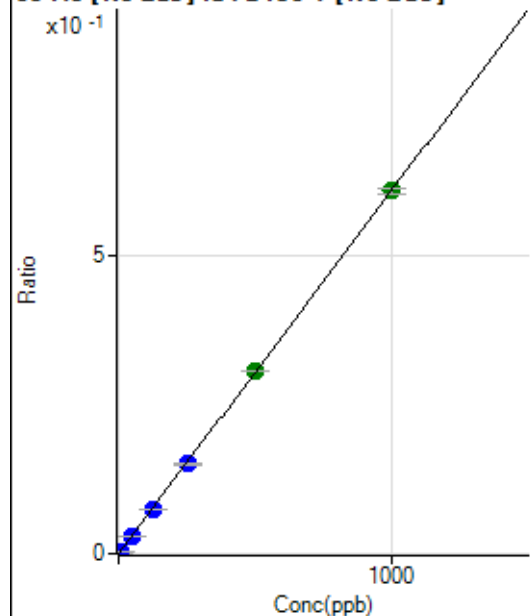
$$DL = 0.02391$$

$$BEC = 0.01932$$

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      | 61.11      | 0.0000 | P    | 42.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.332      | 19395.19   | 0.0026 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.033     | 218267.31  | 0.0298 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.079    | 550031.68  | 0.0747 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 246.665    | 1102537.06 | 0.1497 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 503.261    | 2272258.64 | 0.3055 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.495    | 4626072.41 | 0.6067 | A    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 4767.73    | 0.0006 | P    | 8.1  |

$$y = 6.0703E-004 * x + 8.2824E-006$$

$$R = 1.0000$$

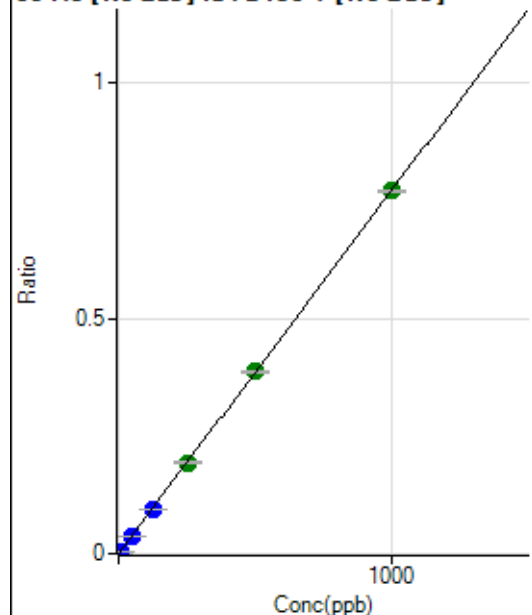
$$DL = 0.0174$$

$$BEC = 0.01364$$

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      | 113.89     | 0.0000 | P    | 33.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.767      | 21495.64   | 0.0029 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 48.827     | 276458.01  | 0.0377 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.464    | 701732.16  | 0.0953 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 251.054    | 1427181.22 | 0.1938 | A    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 501.027    | 2877003.34 | 0.3868 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.479    | 5883565.67 | 0.7716 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 7974.90    | 0.0011 | P    | 2.3  |

$$y = 7.7201\text{E-}004 * x + 1.5517\text{E-}005$$

$$R = 1.0000$$

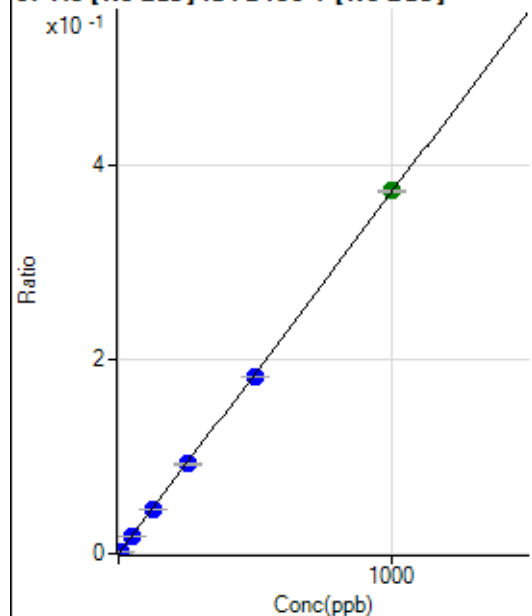
$$DL = 0.02016$$

$$BEC = 0.0201$$

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      | 58.33      | 0.0000 | P    | 37.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.419      | 12111.50   | 0.0016 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.516     | 134739.73  | 0.0184 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.796    | 338123.80  | 0.0459 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 247.893    | 677186.02  | 0.0920 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 491.818    | 1357145.17 | 0.1825 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.795   | 2842334.74 | 0.3728 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 3061.61    | 0.0004 | P    | 7.6  |

$$y = 3.7099\text{E-}004 * x + 7.9309\text{E-}006$$

$$R = 0.9999$$

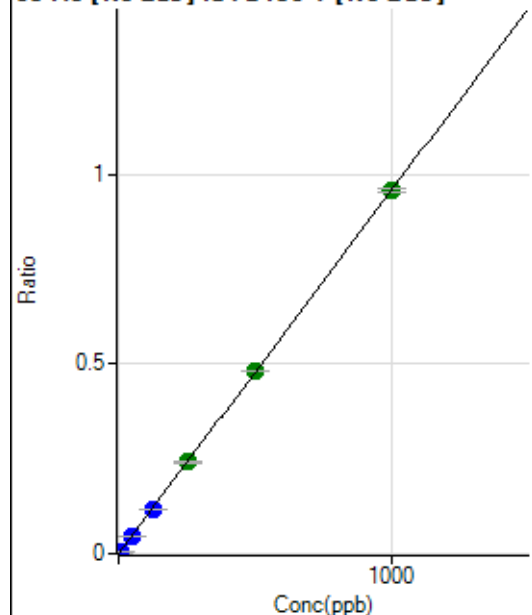
$$DL = 0.02407$$

$$BEC = 0.02138$$

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      | 63.89      | 0.0000 | P    | 61.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.352      | 30696.88   | 0.0042 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.600     | 348238.91  | 0.0475 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.994    | 874018.68  | 0.1187 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 252.876    | 1782759.20 | 0.2421 | A    | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 501.962    | 3574903.08 | 0.4806 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.449    | 7289384.54 | 0.9560 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 7216.15    | 0.0010 | P    | 6.0  |

$$y = 9.5749\text{E-}004 * x + 8.6786\text{E-}006$$

$$R = 1.0000$$

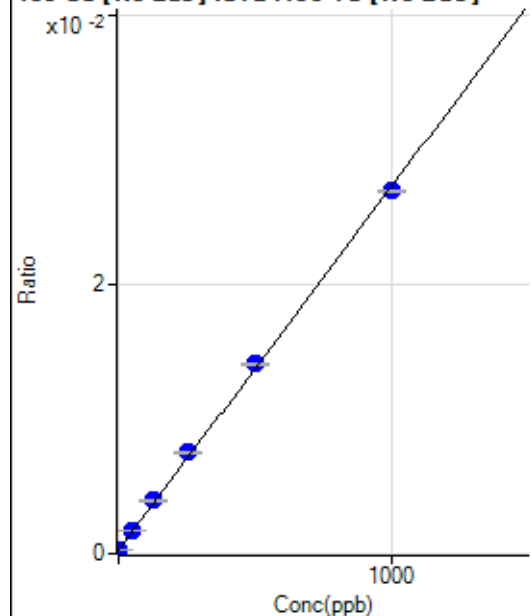
$$DL = 0.01674$$

$$BEC = 0.009064$$

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      | 1947.45   | 0.0003 | P    | 5.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.027      | 1955.79   | 0.0003 | P    | 5.7  |
| 4 | <input type="checkbox"/> | 50.000   | 54.242     | 13304.30  | 0.0017 | P    | 3.1  |
| 5 | <input type="checkbox"/> | 125.000  | 136.710    | 30725.00  | 0.0039 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 268.168    | 59702.79  | 0.0075 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 511.461    | 117290.38 | 0.0141 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.053    | 233658.86 | 0.0269 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 1783.54   | 0.0002 | P    | 10.5 |

$$y = 2.6983\text{E-}005 * x + 2.5528\text{E-}004$$

$$R = 0.9997$$

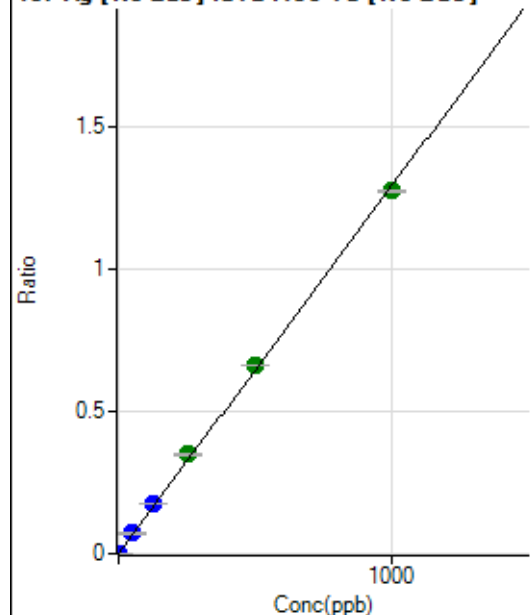
$$DL = 1.61$$

$$BEC = 9.461$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.00       | 0.0000 | P    | 40.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.279      | 12700.92    | 0.0017 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 54.970     | 549654.96   | 0.0710 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 136.654    | 1375246.69  | 0.1765 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 270.921    | 2789039.02  | 0.3500 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 511.512    | 5513562.06  | 0.6607 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.308    | 11071057.71 | 1.2753 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 958.42      | 0.0001 | P    | 11.5 |

$$y = 0.0013 * x + 9.8358E-006$$

$$R = 0.9996$$

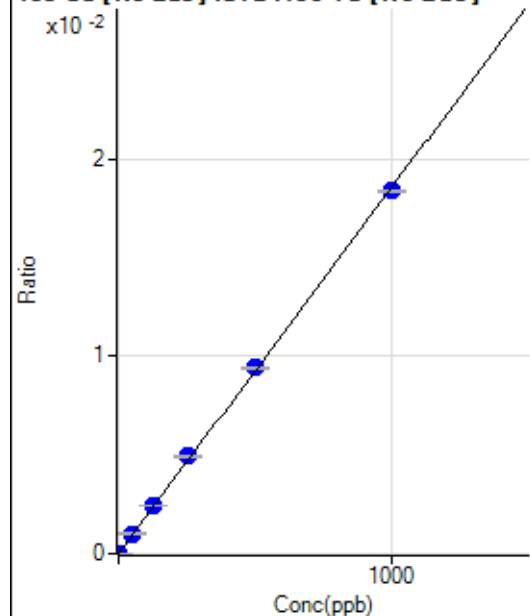
$$DL = 0.009186$$

$$BEC = 0.007615$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 15.28     | 0.0000 | P    | 57.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.088      | 169.45    | 0.0000 | P    | 11.6 |
| 4 | <input type="checkbox"/> | 50.000   | 54.794     | 7877.46   | 0.0010 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 132.096    | 19091.58  | 0.0025 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 250.000  | 265.315    | 39215.50  | 0.0049 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 507.248    | 78483.74  | 0.0094 | P    | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.421    | 159565.91 | 0.0184 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 25.00     | 0.0000 | P    | 49.8 |

$$y = 1.8538E-005 * x + 2.0045E-006$$

$$R = 0.9998$$

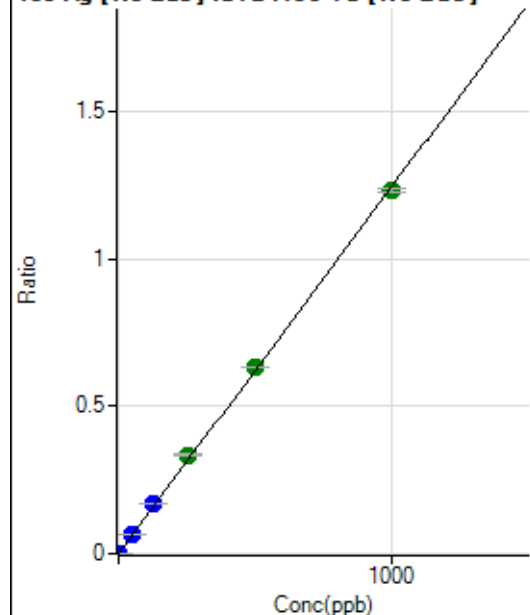
$$DL = 0.1855$$

$$BEC = 0.1081$$

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      | 52.78       | 0.0000 | P    | 59.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.303      | 12453.54    | 0.0016 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 53.820     | 518765.72   | 0.0670 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 134.925    | 1308914.24  | 0.1680 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 268.766    | 2667286.78  | 0.3347 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 508.578    | 5284737.79  | 0.6333 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 989.588    | 10697510.31 | 1.2322 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 777.83      | 0.0001 | P    | 4.5  |

$$y = 0.0012 * x + 6.9171E-006$$

$$R = 0.9997$$

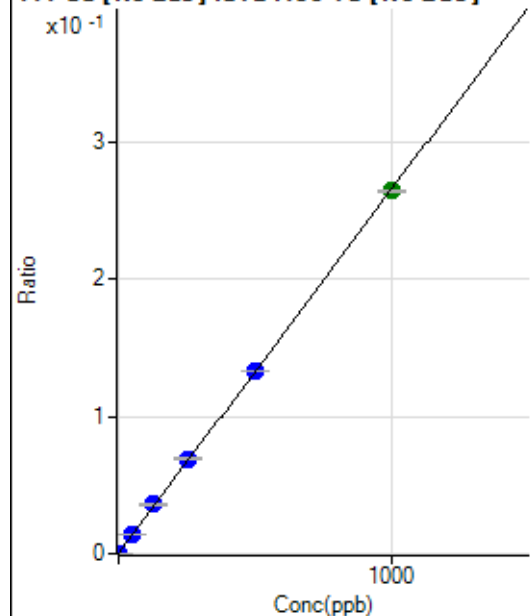
$$DL = 0.009972$$

$$BEC = 0.005555$$

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      | 1358.08    | 0.0002 | P    | 5.6  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.910      | 3203.40    | 0.0004 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 53.280     | 110638.65  | 0.0143 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 134.077    | 278136.61  | 0.0357 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 260.768    | 552036.47  | 0.0693 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 500.216    | 1107438.83 | 0.1327 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.901    | 2292159.30 | 0.2640 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1530.99    | 0.0002 | P    | 11.5 |

$$y = 2.6494E-004 * x + 1.7802E-004$$

$$R = 0.9999$$

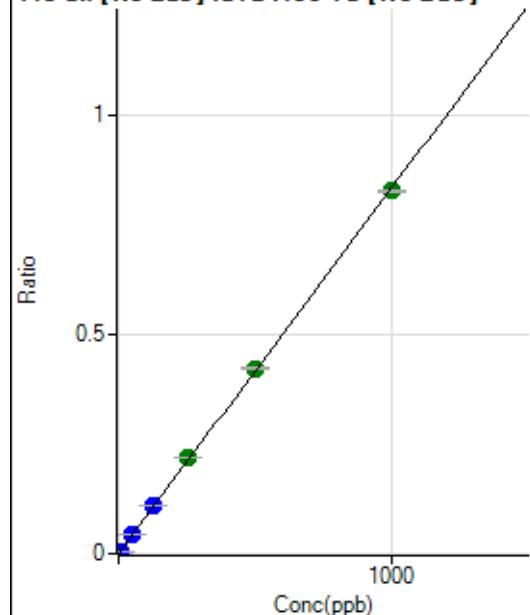
$$DL = 0.1129$$

$$BEC = 0.6719$$

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      | 1444.59    | 0.0002 | P   | 9.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 5.114      | 34055.29   | 0.0045 | P   | 1.0 |
| 4 | <input type="checkbox"/> | 50.000   | 52.302     | 339330.43  | 0.0438 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 132.549    | 863318.43  | 0.1108 | P   | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 262.656    | 1748530.49 | 0.2194 | A   | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 506.406    | 3528445.30 | 0.4228 | A   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.573    | 7193174.03 | 0.8286 | A   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 4264.76    | 0.0005 | P   | 7.2 |

$$y = 8.3460\text{E-}004 * x + 1.8931\text{E-}004$$

$$R = 0.9999$$

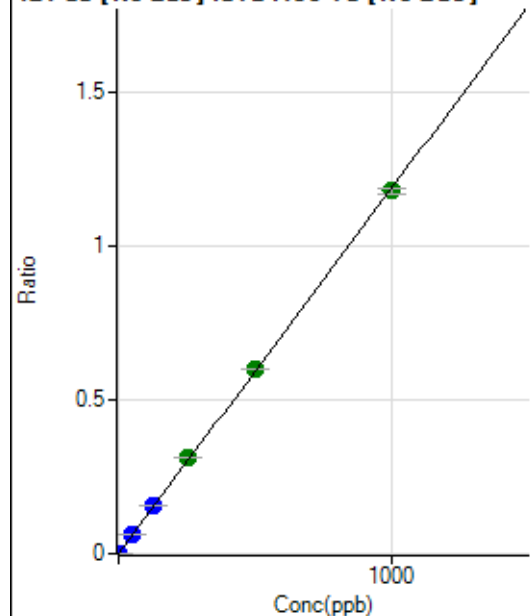
$$DL = 0.06386$$

$$BEC = 0.2268$$

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      | 47.22       | 0.0000 | P   | 36.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.878      | 17092.21    | 0.0022 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 52.832     | 485921.55   | 0.0628 | P   | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 132.469    | 1226266.72  | 0.1574 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 262.874    | 2489415.31  | 0.3124 | A   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 504.697    | 5004332.01  | 0.5997 | A   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.358    | 10246599.71 | 1.1803 | A   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 21668.34    | 0.0025 | P   | 3.9  |

$$y = 0.0012 * x + 6.1885\text{E-}006$$

$$R = 0.9999$$

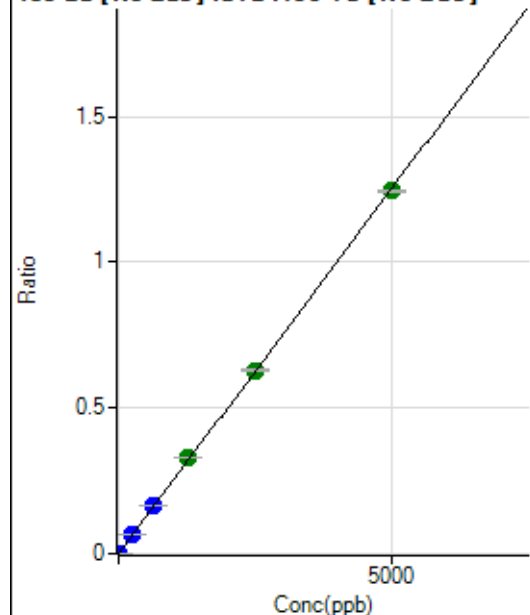
$$DL = 0.005745$$

$$BEC = 0.005208$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.56       | 0.0000 | P    | 12.4 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.400      | 18046.45    | 0.0024 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 250.000  | 258.680    | 500959.91   | 0.0647 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 649.230    | 1265388.39  | 0.1624 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1313.394   | 2618758.44  | 0.3286 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2514.000   | 5248385.23  | 0.6289 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4973.690   | 10801658.49 | 1.2443 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 3400.63     | 0.0004 | P    | 2.3  |

$$y = 2.5017\text{E-}004 * x + 1.0561\text{E-}005$$

$$R = 0.9999$$

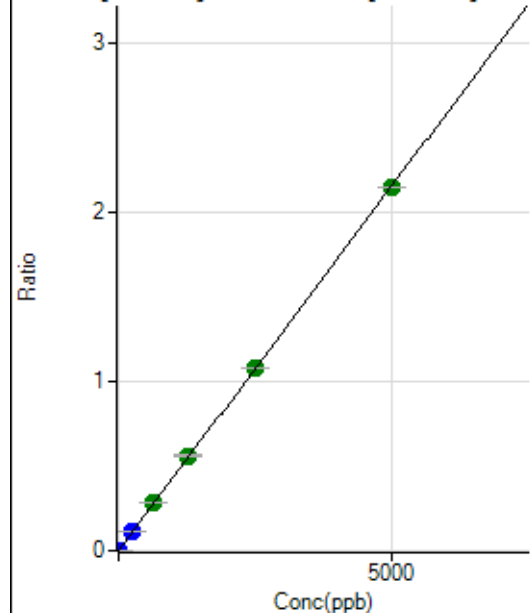
$$DL = 0.01567$$

$$BEC = 0.04222$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89       | 0.0000 | P    | 38.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.299      | 30697.74    | 0.0040 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 260.396    | 868977.91   | 0.1123 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 625.000  | 657.042    | 2206906.54  | 0.2833 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1304.710   | 4483062.43  | 0.5625 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.562   | 9010745.77  | 1.0798 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4979.518   | 18636882.36 | 2.1468 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 6109.99     | 0.0007 | P    | 5.3  |

$$y = 4.3113\text{E-}004 * x + 8.3819\text{E-}006$$

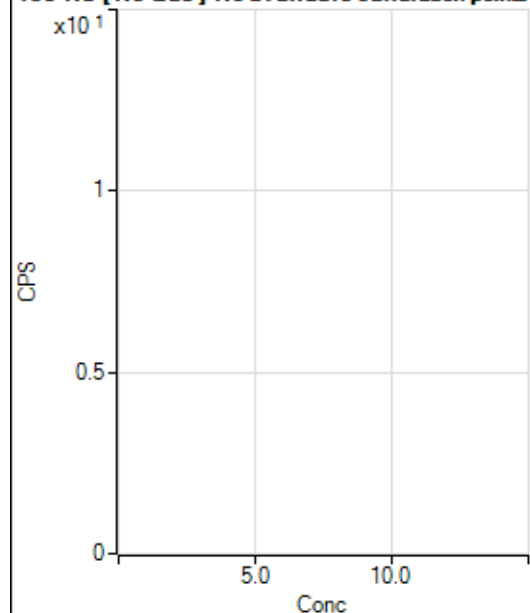
$$R = 0.9999$$

$$DL = 0.02222$$

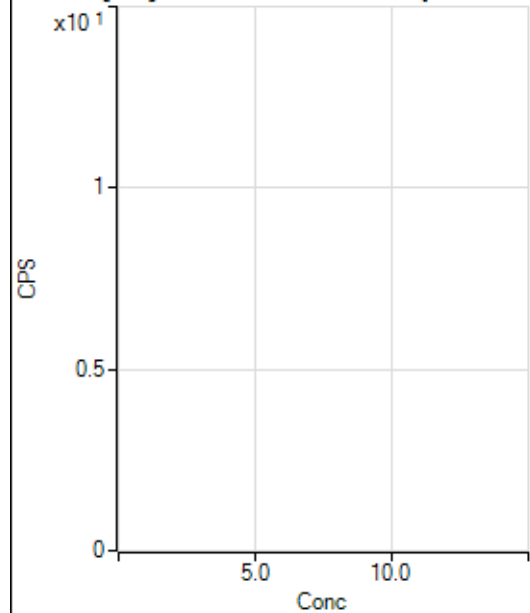
$$BEC = 0.01944$$

Weight: &lt;None&gt;

Min Conc: 0

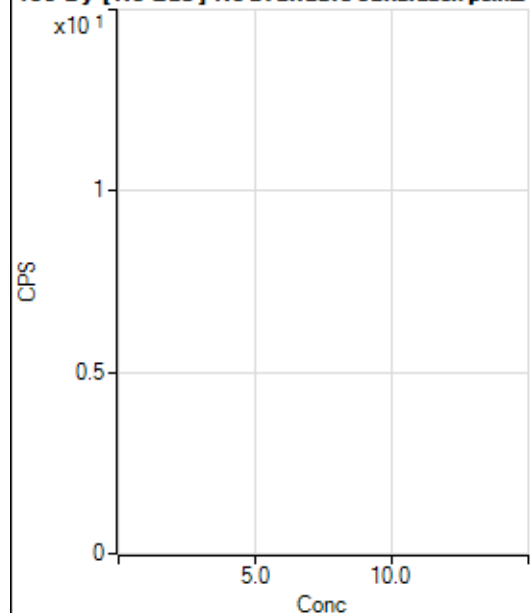
**150 Nd [ No Gas ] No available calibration points**

|   | 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"/> |       |            | 6.67   |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 43.3 |
| 5 | <input type="checkbox"/> |       |            | 57.78  |       | P        | 46.6 |
| 6 | <input type="checkbox"/> |       |            | 102.23 |       | P        | 32.8 |
| 7 | <input type="checkbox"/> |       |            | 160.01 |       | P        | 18.2 |
| 8 | <input type="checkbox"/> |       |            | 511.14 |       | P        | 11.1 |
| 9 | <input type="checkbox"/> |       |            | 128.89 |       | P        | 26.5 |

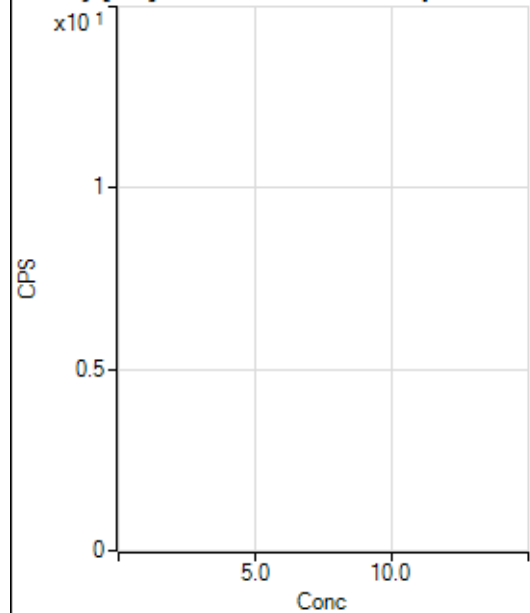
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 5 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 6 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7 |
| 7 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 8 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 27.7 |
| 9 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3 |

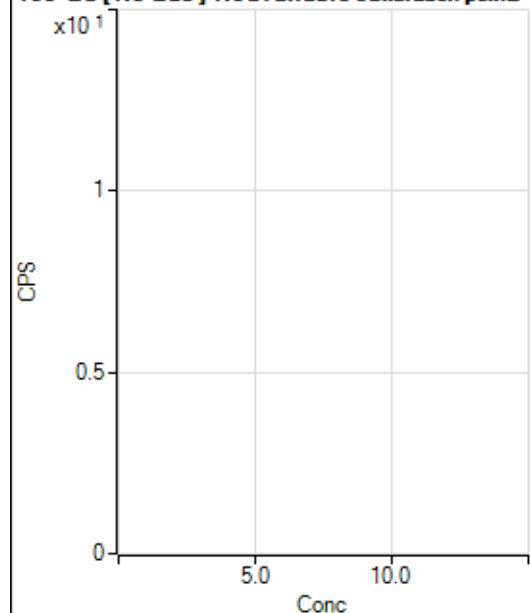


**156 Dy [ No Gas ] No available calibration points**

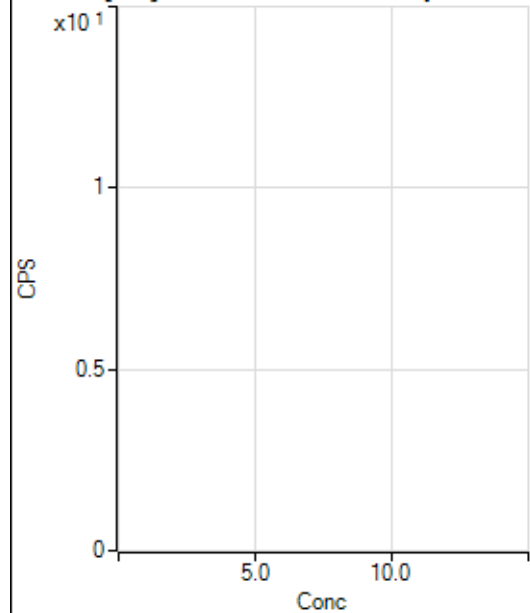
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 30.56  |       | P        | 41.7 |
| 5 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 66.1 |
| 6 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 34.7 |
| 7 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 0.0  |
| 8 | <input type="checkbox"/> |       |            | 283.35 |       | P        | 30.7 |
| 9 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 24.7 |

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

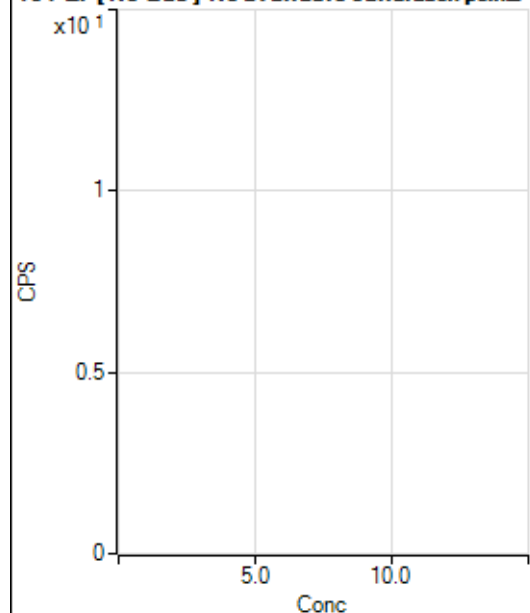
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6 |
| 7 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 10.8 |
| 8 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 30.6 |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |

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

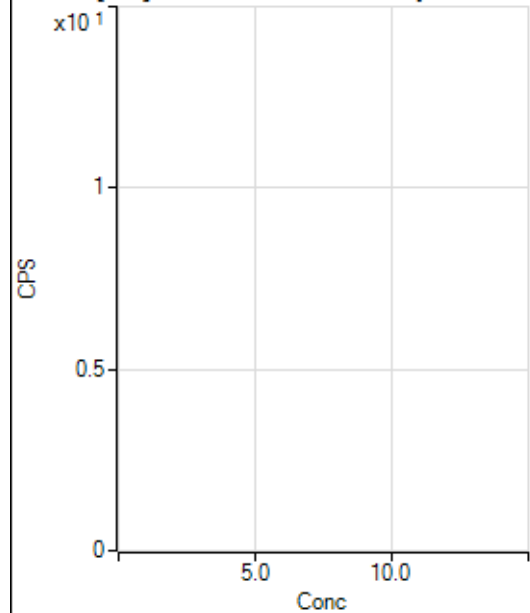
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 31.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 58.1 |
| 4 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 28.6 |
| 5 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 30.0 |
| 6 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 23.9 |
| 7 | <input type="checkbox"/> |       |            | 113.90 |       | P        | 15.2 |
| 8 | <input type="checkbox"/> |       |            | 244.46 |       | P        | 12.0 |
| 9 | <input type="checkbox"/> |       |            | 147.23 |       | P        | 36.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 88.2 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.7 |
| 4 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 48.0 |
| 5 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 12.4 |
| 6 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 13.4 |
| 7 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 33.1 |
| 8 | <input type="checkbox"/> |       |            | 58.89 |       | P        | 26.8 |
| 9 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 15.8 |

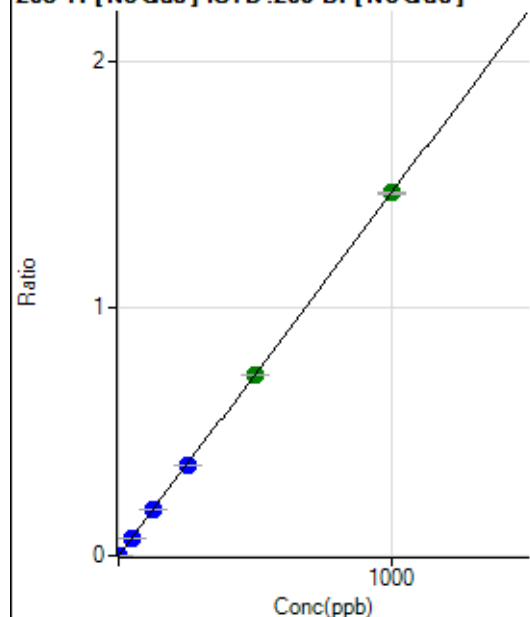
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 78.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 21.6 |
| 4 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 40.0 |
| 5 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 66.1 |
| 7 | <input type="checkbox"/> |       |            | 30.55 |       | P        | 68.6 |
| 8 | <input type="checkbox"/> |       |            | 88.89 |       | P        | 19.5 |
| 9 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 0.0  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 74.2 |
| 4 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 65.5 |
| 5 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2 |
| 6 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 21.6 |
| 7 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 0.0  |
| 8 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 62.4 |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 43.3 |

203 Tl [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      | 63.89      | 0.0000 | P        | 52.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.910      | 5887.75    | 0.0014 | P        | 7.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.961     | 320394.36  | 0.0733 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 126.160    | 817343.60  | 0.1852 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.874    | 1663605.53 | 0.3668 | P        | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 499.867    | 3498658.41 | 0.7337 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.955    | 7326719.61 | 1.4676 | A        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 2058.60    | 0.0004 | P        | 5.4  |

$$y = 0.0015 * x + 1.4738E-005$$

$$R = 1.0000$$

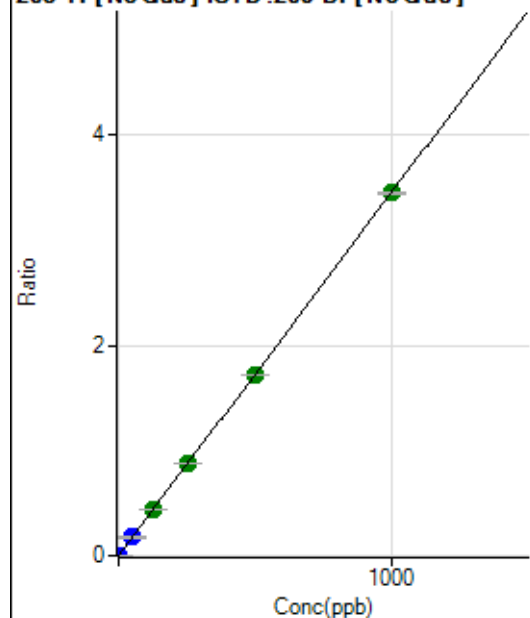
$$DL = 0.01585$$

$$BEC = 0.01004$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 97.23       | 0.0000 | P        | 50.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.925      | 14019.51    | 0.0032 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 50.397     | 759731.33   | 0.1739 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 128.127    | 1951471.77  | 0.4421 | A        | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 255.432    | 3998030.21  | 0.8814 | A        | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 498.508    | 8202281.17  | 1.7201 | A        | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.977    | 17207715.49 | 3.4469 | A        | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 4753.91     | 0.0010 | P        | 8.2  |

$$y = 0.0035 * x + 2.2472E-005$$

$$R = 1.0000$$

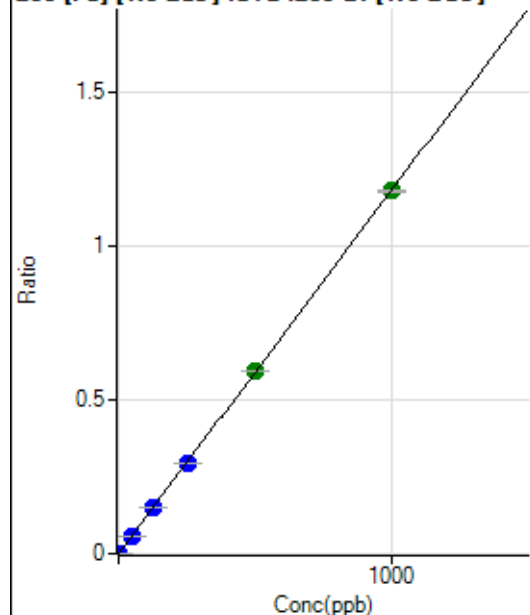
$$DL = 0.009856$$

$$BEC = 0.006513$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 431.50     | 0.0001 | P        | 12.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.227      | 6744.60    | 0.0015 | P        | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 49.760     | 256797.83  | 0.0588 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.510    | 658964.00  | 0.1493 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 250.000  | 250.178    | 1338818.98 | 0.2951 | P        | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 502.496    | 2826515.95 | 0.5927 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.531    | 5879221.54 | 1.1777 | A        | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 10860.52   | 0.0023 | P        | 1.5  |

$$y = 0.0012 * x + 9.9598E-005$$

$$R = 1.0000$$

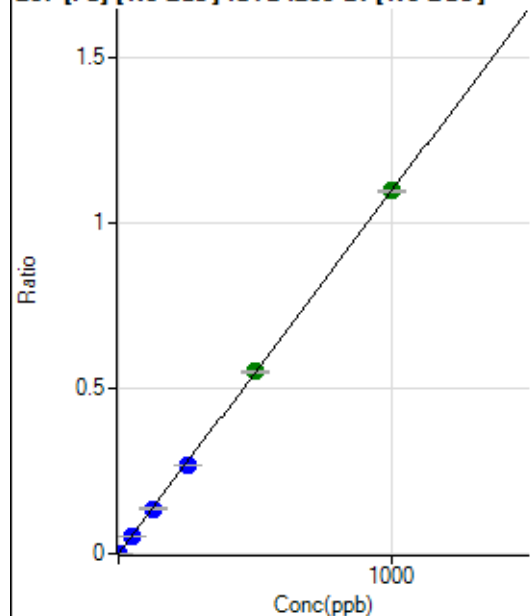
$$DL = 0.03274$$

$$BEC = 0.08445$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 403.73     | 0.0001 | P        | 10.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.149      | 5892.29    | 0.0014 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.104     | 235265.80  | 0.0539 | P        | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.993    | 599574.81  | 0.1358 | P        | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 244.639    | 1215362.92 | 0.2679 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 502.384    | 2623264.79 | 0.5501 | A        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.319   | 5467864.48 | 1.0953 | A        | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 9398.18    | 0.0020 | P        | 3.4  |

$$y = 0.0011 * x + 9.3203E-005$$

$$R = 1.0000$$

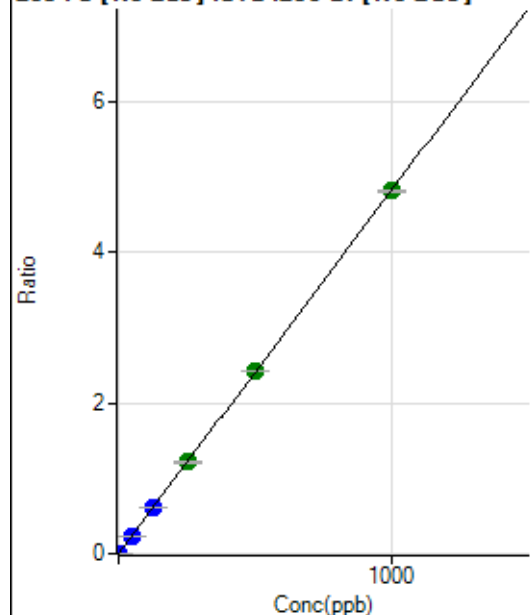
$$DL = 0.02613$$

$$BEC = 0.08513$$

Weight: &lt;None&gt;

Min Conc: 0

208 Pb [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      | 1664.92     | 0.0004 | P    | 6.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.187      | 26661.66    | 0.0061 | P    | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.618     | 1047766.01  | 0.2398 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 125.532    | 2675663.87  | 0.6062 | P    | 1.5 |
| 6 | <input type="checkbox"/> | 250.000  | 251.756    | 5512932.17  | 1.2154 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 502.004    | 11554678.44 | 2.4231 | A    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.511    | 24058390.59 | 4.8193 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 43330.19    | 0.0092 | P    | 0.8 |

$$y = 0.0048 * x + 3.8432E-004$$

$$R = 1.0000$$

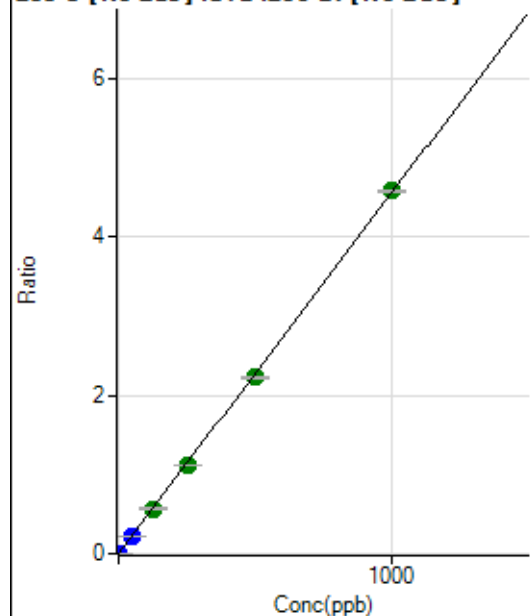
$$DL = 0.01449$$

$$BEC = 0.07963$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [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      | 75.00       | 0.0000 | P    | 33.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.871      | 17348.94    | 0.0040 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 48.494     | 963121.03   | 0.2205 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 124.752    | 2503304.07  | 0.5671 | A    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 246.740    | 5087898.29  | 1.1217 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 488.936    | 10599131.05 | 2.2227 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.453   | 22841648.43 | 4.5754 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 1505.72     | 0.0003 | P    | 13.7 |

$$y = 0.0045 * x + 1.7326E-005$$

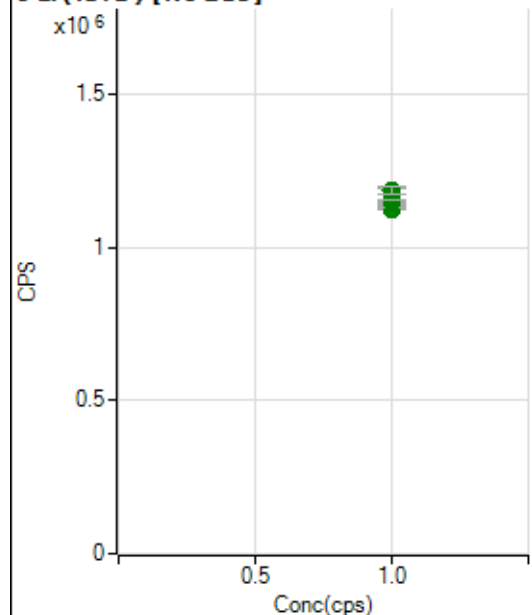
$$R = 0.9999$$

$$DL = 0.003847$$

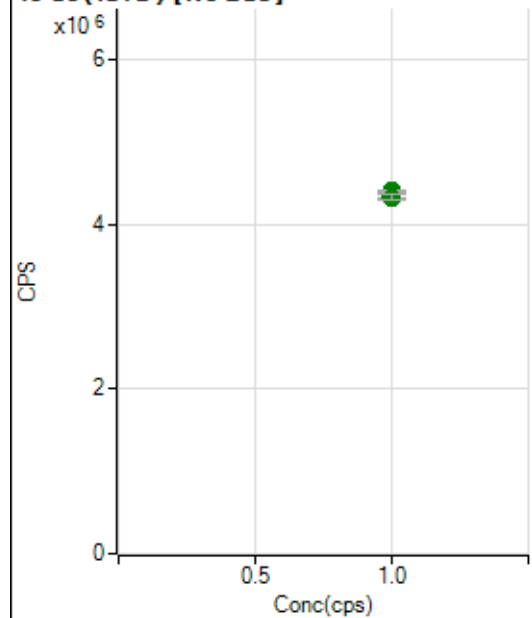
$$BEC = 0.003811$$

Weight: &lt;None&gt;

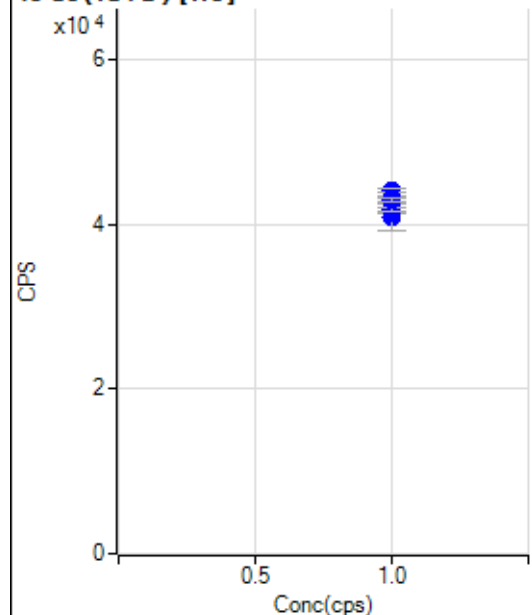
Min Conc: 0

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

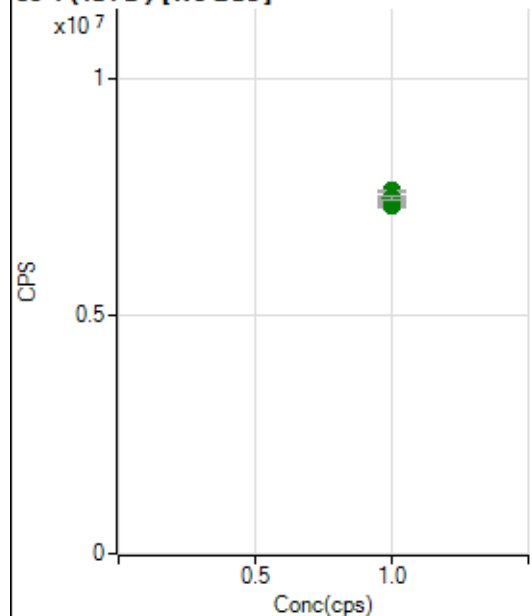
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1146283.42 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1125338.08 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1134369.16 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1133777.02 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1152270.98 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1156842.07 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1185827.26 |       | A        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1186390.80 |       | A        | 1.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4405002.23 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4411209.52 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4394764.68 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4407189.60 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4344796.41 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4377343.81 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4412553.31 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4336077.44 |       | A        | 1.5 |

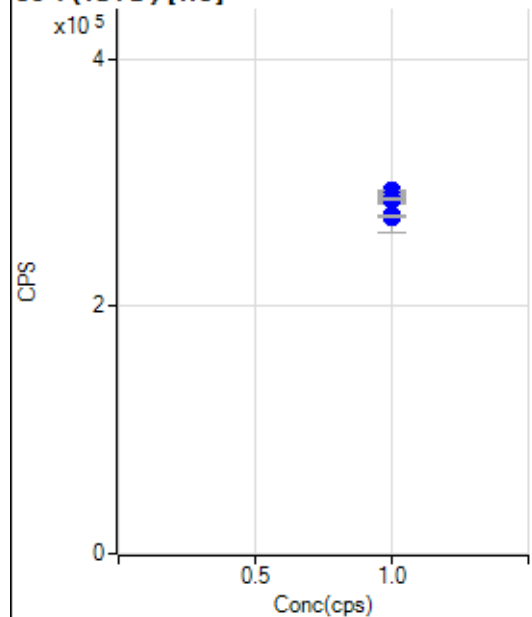
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 42769.66 |       | P        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 42956.71 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 44040.07 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 43252.19 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 40856.62 |       | P        | 8.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 41412.10 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 41786.60 |       | P        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 42992.39 |       | P        | 1.0 |

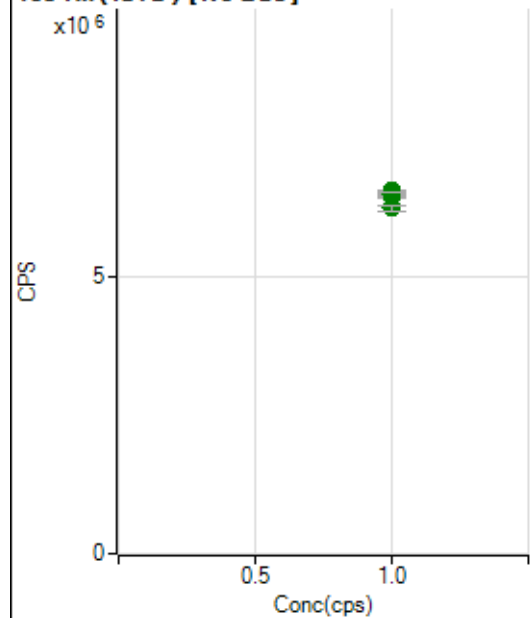
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7352271.35 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7351605.58 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7331837.74 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7361549.96 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7363213.15 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7437830.30 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7625011.55 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7468107.81 |       | A        | 1.3 |

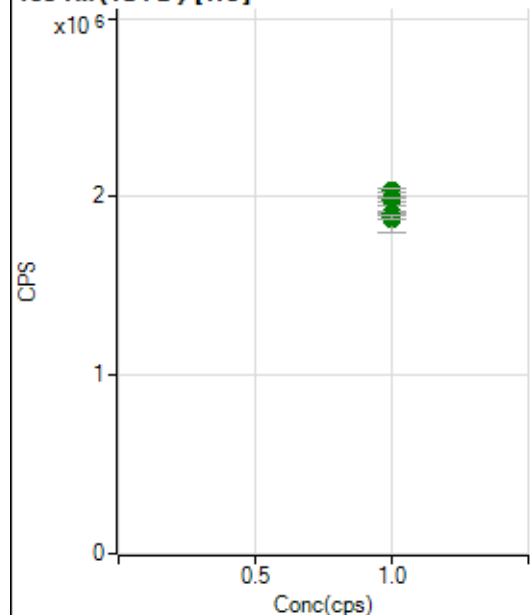


**89 Y(ISTD) [He]**

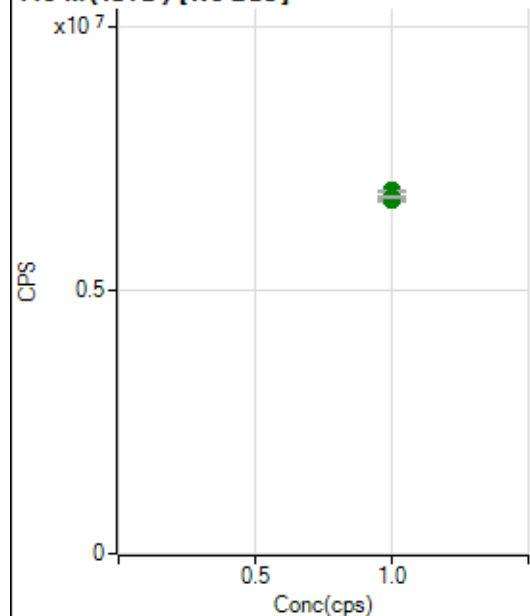
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 285759.65 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 292061.69 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 293239.13 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 289741.45 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 271243.26 |       | P        | 8.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 273173.40 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 272145.88 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 286480.59 |       | P        | 0.6 |

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

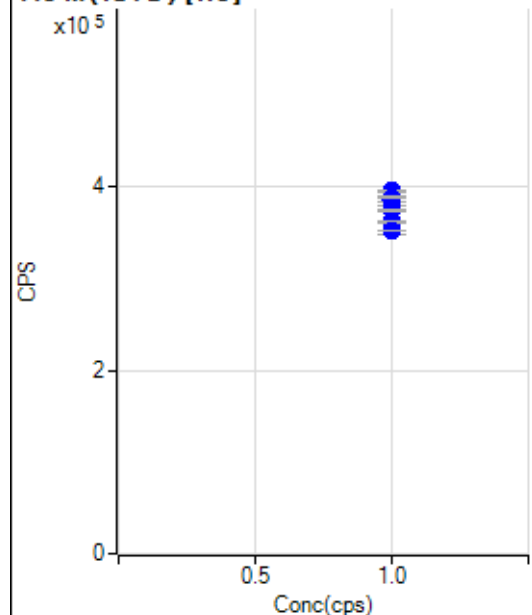
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6480554.53 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6543906.57 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6459139.21 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6462175.45 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6458732.35 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6492377.66 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6526854.18 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6230980.83 |       | A        | 1.8 |

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

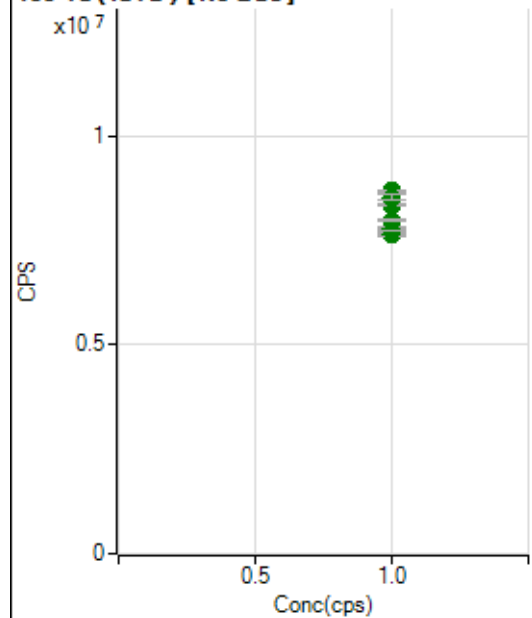
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1985979.74 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2027002.85 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2033779.80 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1992171.92 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1875856.19 |       | A        | 7.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1909419.10 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1905402.52 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1886791.48 |       | A        | 0.6 |

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

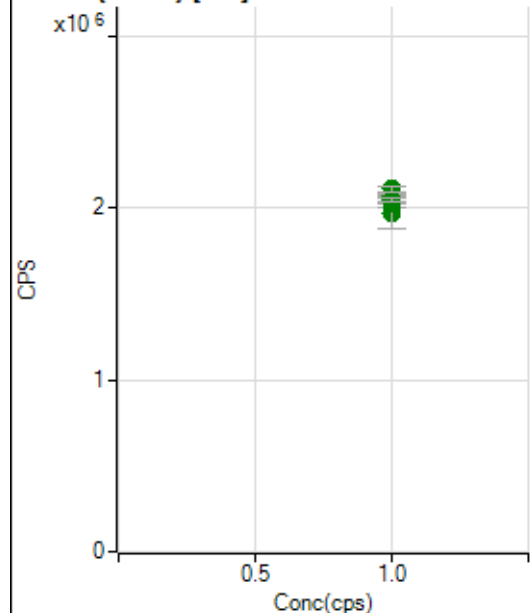
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6704089.46 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6732538.55 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6718313.98 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6699534.23 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6715072.78 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6855277.55 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6876289.20 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6751824.55 |       | A        | 0.8 |

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

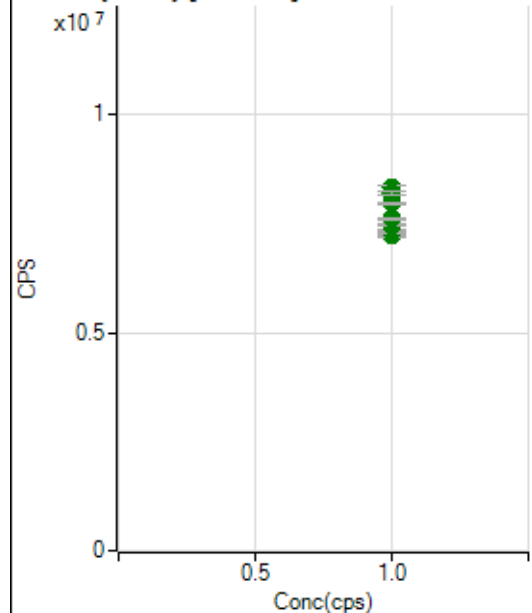
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 385462.00 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 389996.53 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 395370.76 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 388149.42 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 363526.12 |       | P        | 8.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 361505.61 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 351928.42 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 374947.53 |       | P        | 0.5 |

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

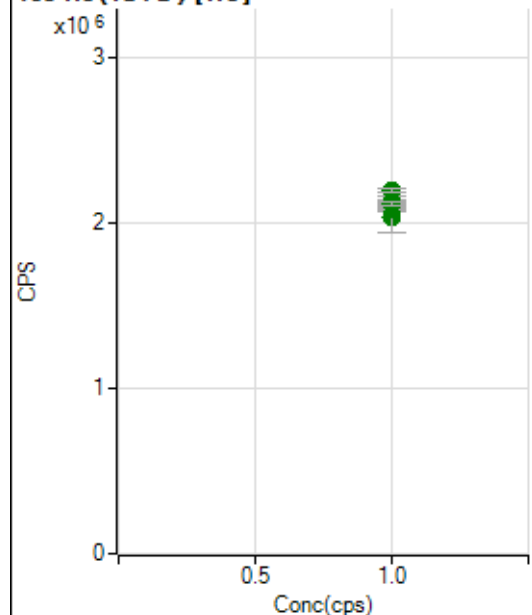
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7630092.39 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7640559.33 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7740148.64 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7791084.26 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7969960.65 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8344902.17 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8681193.69 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8527974.60 |       | A        | 1.5 |

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

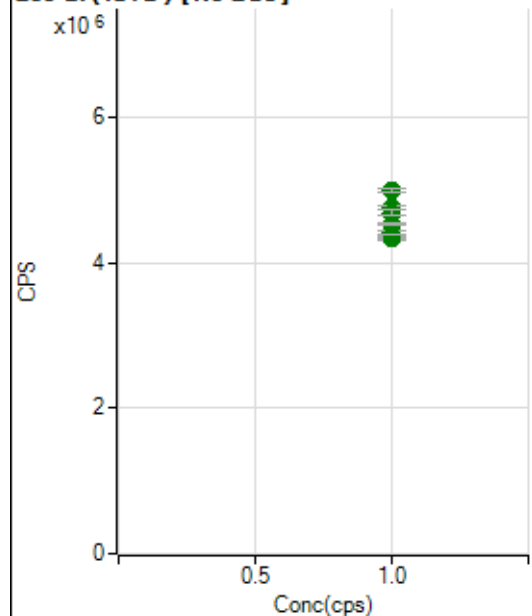
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2018310.14 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2072610.56 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2087857.51 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2066015.99 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1970155.44 |       | A        | 9.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2021527.14 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2045227.92 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2109471.79 |       | A        | 1.6 |

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

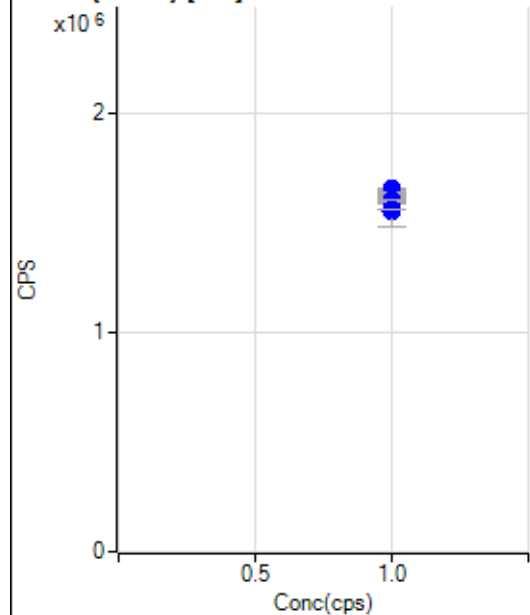
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7239351.98 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7318420.47 |       | A        | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7322449.56 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7472104.94 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7627472.48 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7984863.11 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8328602.27 |       | A        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8206126.83 |       | A        | 1.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2083380.44 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2134484.15 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2146959.48 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2126153.58 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2034156.43 |       | A        | 9.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2084901.55 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2122222.81 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2197144.17 |       | A        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4332484.62 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4360271.29 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4368479.24 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4414158.89 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4536115.97 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4768711.77 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4992275.24 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4690893.12 |       | A        | 1.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1611499.35 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1621041.00 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1654150.08 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1635608.00 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1548791.57 |       | P        | 8.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1589499.40 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1600494.02 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1558262.27 |       | P        | 0.3 |

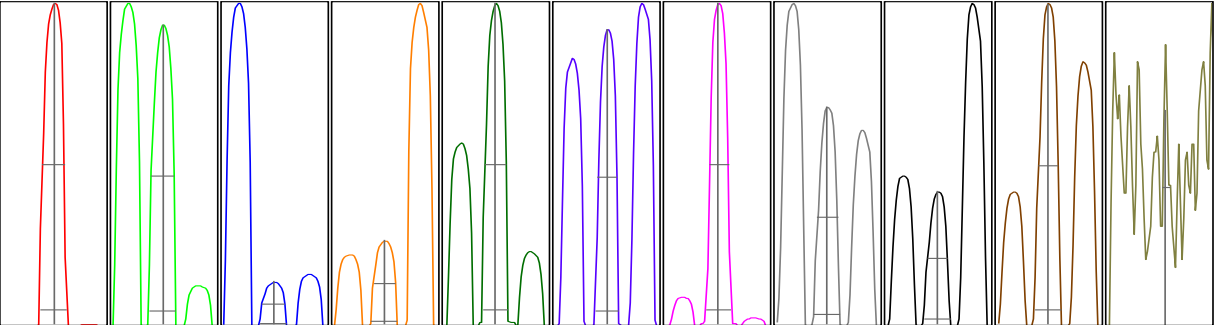
US EPA Tune Check Sample Report

Batch Folder D:\P8081617-MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 8709            | 0.72             | 5.00               |                |
| 24       | 52330           | 1.14             | 5.00               |                |
| 25       | 7105            | 1.03             | 5.00               |                |
| 26       | 8270            | 0.97             | 5.00               |                |
| 59       | 95513           | 0.94             | 5.00               |                |
| 113      | 11294           | 0.83             | 5.00               |                |
| 115      | 139279          | 1.19             | 5.00               |                |
| 206      | 26778           | 0.83             | 5.00               |                |
| 207      | 24144           | 1.19             | 5.00               |                |
| 208      | 58060           | 1.61             | 5.00               |                |
| 220      | 1               | 10.27            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 8622                 | 8798                 | 8708                 | 8701                 | 8717                 |
| 24   | 52500                | 53279                | 51979                | 52146                | 51746                |
| 25   | 7137                 | 7205                 | 7082                 | 7096                 | 7006                 |
| 26   | 8321                 | 8360                 | 8232                 | 8285                 | 8153                 |
| 59   | 95167                | 94383                | 95749                | 96842                | 95424                |
| 113  | 11384                | 11184                | 11307                | 11385                | 11211                |
| 115  | 141071               | 139722               | 140488               | 137257               | 137857               |
| 206  | 26796                | 26651                | 27156                | 26619                | 26666                |
| 207  | 23991                | 23794                | 24567                | 24182                | 24185                |
| 208  | 56930                | 57585                | 59396                | 57914                | 58477                |
| 220  | 1                    | 1                    | 1                    | 1                    | 1                    |

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-X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|--------------------|
| 9    | 14328          | 9.05             | 8.9 - 9.1          |                | 0.780                | 0.900                  |                    |
| 24   | 84775          | 24.00            | 23.9 - 24.1        |                | 0.783                | 0.900                  |                    |
| 25   | 11422          | 25.00            | 24.9 - 25.1        |                | 0.780                | 0.900                  |                    |
| 26   | 13606          | 26.00            | 25.9 - 26.1        |                | 0.743                | 0.900                  |                    |
| 59   | 160064         | 59.00            | 58.9 - 59.1        |                | 0.740                | 0.900                  |                    |
| 113  | 20988          | 113.05           | 112.9 - 113.1      |                | 0.688                | 0.900                  |                    |
| 115  | 259773         | 115.05           | 114.9 - 115.1      |                | 0.729                | 0.900                  |                    |
| 206  | 48731          | 206.00           | 205.9 - 206.1      |                | 0.740                | 0.900                  |                    |
| 207  | 43625          | 207.00           | 206.9 - 207.1      |                | 0.774                | 0.900                  |                    |
| 208  | 104518         | 208.00           | 207.9 - 208.1      |                | 0.778                | 0.900                  |                    |
| 220  | 2              | 220.20           | -                  |                |                      |                        |                    |

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 |
|---------------|-------|------|------------------|-------|-------|---------------|-------|------|
| Plasma Mode   |       | HMI  | Aerosol Dilution |       | HMI-8 |               |       |      |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.8   | V    | Deflect       | 13.2  | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -110   | 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       | 200   | V    |                       |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 13470           | 0.86             |                    |
| 89   | 3484            | 1.06             |                    |
| 205  | 17645           | 0.84             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 13530                | 13634                | 13329                | 13417                | 13442                |
| 89   | 3540                 | 3502                 | 3450                 | 3463                 | 3466                 |
| 205  | 17744                | 17839                | 17609                | 17577                | 17457                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName    | Value | Unit  | ParameterName | Value | Unit |
|---------------|-------|------|------------------|-------|-------|---------------|-------|------|
| Plasma Mode   |       | HMI  | Aerosol Dilution |       | HMI-8 |               |       |      |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.8   | V    | Deflect       | 1.6   | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -110   | 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       | 5.0   | mL/min | OctP RF       | 200   | V    |                       |       |      |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:23:46 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.61    | -2.21   | 0.60    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 11-1  | 0.05    | -0.18   | 0.13    | 0.00       | N/A     | ppb   |
| Boron      | 10-1  | 0.04    | 0.12    | -0.15   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.42    | -0.60   | 0.18    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.02   | -0.05   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.04   | 0.01    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -3.25   | 6.47    | -3.22   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 6.23    | -4.07   | -2.16   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.02    | 0.08    | -0.10   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | 0.01    | -0.01   | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.19    | -0.03   | -0.16   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.01    | 0.62    | -0.62   | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 0.35    | 0.00    | -0.34   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.02    | 0.05    | -0.07   | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:23:46 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -2.16   | 11.49   | 10.60   | 6.64       | 114.96  | ppb   |
| Potassium  | 39-2  | 6.45    | -0.32   | -6.14   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 1.09    | -2.16   | 1.06    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.70    | -0.87   | 0.17    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.04    | -0.26   | 0.22    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -1.26   | 0.19    | 1.07    | 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  | -0.38   | 1.63    | -1.25   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.03   | 0.03    | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 130.38  | -59.08  | -81.24  | -3.32      |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | -0.01   | 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 | -0.02   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.05    | 0.00    | -0.05   | 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  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.09    | -0.09   | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:23:46 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:30:43 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.50   | 18.80   | 20.61   | 18.97      | 8.25    | ppb   |
| Antimony   | 121-1 | 1.84    | 1.91    | 1.89    | 1.88       | 1.88    | ppb   |
| Arsenic    | 75-2  | 0.80    | 0.98    | 0.80    | 0.86       | 12.21   | ppb   |
| Barium     | 135-1 | 9.05    | 9.56    | 9.58    | 9.40       | 3.18    | ppb   |
| Barium     | 137-1 | 9.41    | 9.26    | 9.23    | 9.30       | 1.04    | ppb   |
| Beryllium  | 9-1   | 0.94    | 1.08    | 0.86    | 0.96       | 11.80   | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 11-1  | 21.01   | 21.73   | 22.22   | 21.65      | 2.81    | ppb   |
| Boron      | 10-1  | 20.11   | 22.78   | 24.01   | 22.30      | 8.93    | ppb   |
| Cadmium    | 106-1 | -0.54   | 0.55    | 0.07    | 0.03       | 2046.91 | ppb   |
| Cadmium    | 108-1 | 1.15    | 1.18    | 0.93    | 1.09       | 12.73   | ppb   |
| Cadmium    | 111-1 | 0.94    | 0.93    | 0.86    | 0.91       | 4.55    | ppb   |
| Calcium    | 43-1  | 452.00  | 437.35  | 427.99  | 439.11     | 2.76    | ppb   |
| Calcium    | 44-1  | 439.28  | 441.07  | 438.37  | 439.57     | 0.31    | ppb   |
| Chromium   | 52-2  | 2.00    | 2.01    | 2.05    | 2.02       | 1.54    | ppb   |
| Cobalt     | 59-2  | 0.88    | 0.91    | 0.96    | 0.92       | 4.58    | ppb   |
| Copper     | 63-2  | 2.08    | 2.18    | 2.18    | 2.15       | 2.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 47.43   | 46.89   | 47.86   | 47.40      | 1.03    | ppb   |
| Iron       | 57-2  | 53.15   | 38.64   | 49.69   | 47.16      | 16.07   | ppb   |
| Lead       | 206-1 | 1.25    | 1.25    | 1.18    | 1.23       | 3.02    | ppb   |
| Lead       | 207-1 | 1.16    | 1.15    | 1.13    | 1.15       | 1.21    | ppb   |
| Lead       | 208-1 | 1.21    | 1.19    | 1.17    | 1.19       | 1.79    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 441.10  | 467.40  | 447.25  | 451.92     | 3.04    | ppb   |
| Manganese  | 55-2  | 0.91    | 1.09    | 1.02    | 1.01       | 8.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:30:43 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 4.32    | 4.36    | 4.37    | 4.35       | 0.59    | ppb   |
| Molybdenum | 94-1  | 1.90    | 1.86    | 1.91    | 1.89       | 1.40    | ppb   |
| Molybdenum | 95-1  | 4.34    | 4.43    | 4.23    | 4.33       | 2.24    | ppb   |
| Molybdenum | 96-1  | 3.74    | 3.88    | 3.68    | 3.77       | 2.63    | ppb   |
| Molybdenum | 97-1  | 4.28    | 4.40    | 4.59    | 4.42       | 3.54    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.88    | 0.92    | 1.02    | 0.94       | 8.14    | ppb   |
| Phosphorus | 31-2  | -15.49  | -15.49  | 11.05   | -6.64      |         | ppb   |
| Potassium  | 39-2  | 461.75  | 466.08  | 459.85  | 462.56     | 0.69    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 4.20    | -2.16   | 7.39    | 3.15       | 154.54  | ppb   |
| Selenium   | 78-2  | 6.79    | 3.75    | 2.20    | 4.25       | 54.94   | ppb   |
| Selenium   | 82-1  | 4.94    | 4.31    | 4.30    | 4.52       | 8.12    | ppb   |
| Silicon    | 28-1  | 9.91    | 11.03   | 10.74   | 10.56      | 5.50    | ppb   |
| Silver     | 109-1 | 1.28    | 1.31    | 1.32    | 1.30       | 1.55    | ppb   |
| Silver     | 107-1 | 1.24    | 1.31    | 1.29    | 1.28       | 2.95    | ppb   |
| Sodium     | 23-2  | 446.67  | 459.36  | 457.22  | 454.42     | 1.49    | ppb   |
| Strontium  | 86-1  | 0.96    | 0.98    | 0.91    | 0.95       | 3.98    | ppb   |
| Strontium  | 88-1  | 0.95    | 0.93    | 0.94    | 0.94       | 0.64    | ppb   |
| Sulfur     | 34-1  | -45.02  | 108.99  | -54.03  | 3.32       | 2763.25 | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.95    | 0.95    | 0.83    | 0.91       | 7.39    | ppb   |
| Thallium   | 205-1 | 0.91    | 0.93    | 0.93    | 0.93       | 1.11    | ppb   |
| Tin        | 118-1 | 5.17    | 5.07    | 5.10    | 5.11       | 1.06    | ppb   |
| Titanium   | 47-1  | 4.46    | 4.17    | 4.58    | 4.41       | 4.82    | ppb   |
| Uranium    | 238-1 | 0.85    | 0.90    | 0.86    | 0.87       | 2.79    | ppb   |
| Vanadium   | 51-2  | 4.23    | 4.47    | 4.67    | 4.46       | 4.91    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 1.84    | 1.91    | 1.63    | 1.79       | 8.20    | ppb   |
| Zirconium  | 90-1  | 0.84    | 0.83    | 0.88    | 0.85       | 2.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:30:43 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.87    | 0.83    | 0.85    | 0.85       | 2.30    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:34:12 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 952.21  | 998.06  | 979.74  | 976.67     | 2.36    | ppb   |
| Antimony   | 121-1 | 52.31   | 53.52   | 52.66   | 52.83      | 1.18    | ppb   |
| Arsenic    | 75-2  | 49.87   | 49.45   | 50.11   | 49.81      | 0.67    | ppb   |
| Barium     | 135-1 | 256.08  | 259.97  | 259.99  | 258.68     | 0.87    | ppb   |
| Barium     | 137-1 | 258.58  | 263.37  | 259.23  | 260.40     | 1.00    | ppb   |
| Beryllium  | 9-1   | 51.06   | 50.79   | 51.50   | 51.12      | 0.70    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 48.63   | 49.26   | 49.11   | 49.00      | 0.67    | ppb   |
| Boron      | 10-1  | 48.98   | 48.85   | 50.13   | 49.32      | 1.42    | ppb   |
| Cadmium    | 106-1 | 55.90   | 54.78   | 52.04   | 54.24      | 3.66    | ppb   |
| Cadmium    | 108-1 | 54.02   | 55.07   | 55.29   | 54.79      | 1.24    | ppb   |
| Cadmium    | 111-1 | 53.52   | 53.60   | 52.72   | 53.28      | 0.91    | ppb   |
| Calcium    | 43-1  | 4880.65 | 4979.35 | 4876.22 | 4912.07    | 1.19    | ppb   |
| Calcium    | 44-1  | 5036.20 | 4989.08 | 4932.42 | 4985.90    | 1.04    | ppb   |
| Chromium   | 52-2  | 50.34   | 50.84   | 51.99   | 51.06      | 1.65    | ppb   |
| Cobalt     | 59-2  | 50.01   | 51.64   | 51.05   | 50.90      | 1.63    | ppb   |
| Copper     | 63-2  | 101.00  | 103.05  | 102.15  | 102.07     | 1.00    | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 2642.08 | 2673.35 | 2653.58 | 2656.34    | 0.60    | ppb   |
| Iron       | 57-2  | 2587.99 | 2628.56 | 2631.87 | 2616.14    | 0.93    | ppb   |
| Lead       | 206-1 | 49.68   | 50.11   | 49.49   | 49.76      | 0.64    | ppb   |
| Lead       | 207-1 | 48.89   | 49.19   | 49.23   | 49.10      | 0.37    | ppb   |
| Lead       | 208-1 | 49.42   | 49.81   | 49.62   | 49.62      | 0.39    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 4961.66 | 4943.61 | 5036.79 | 4980.69    | 0.99    | ppb   |
| Manganese  | 55-2  | 103.14  | 102.28  | 103.11  | 102.84     | 0.47    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:34:12 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 49.20   | 50.10   | 49.50   | 49.60      | 0.93    | ppb   |
| Molybdenum | 94-1  | 49.08   | 49.61   | 49.64   | 49.45      | 0.64    | ppb   |
| Molybdenum | 95-1  | 48.14   | 49.22   | 49.74   | 49.03      | 1.66    | ppb   |
| Molybdenum | 96-1  | 48.06   | 49.34   | 49.09   | 48.83      | 1.39    | ppb   |
| Molybdenum | 97-1  | 49.39   | 49.73   | 49.42   | 49.52      | 0.38    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 51.04   | 52.56   | 51.05   | 51.55      | 1.70    | ppb   |
| Phosphorus | 31-2  | 877.08  | 1074.66 | 1139.91 | 1030.55    | 13.28   | ppb   |
| Potassium  | 39-2  | 2551.02 | 2566.00 | 2630.69 | 2582.57    | 1.64    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 42.13   | 45.38   | 67.90   | 51.80      | 27.09   | ppb   |
| Selenium   | 78-2  | 42.84   | 49.54   | 51.32   | 47.90      | 9.34    | ppb   |
| Selenium   | 82-1  | 53.10   | 52.43   | 51.29   | 52.27      | 1.74    | ppb   |
| Silicon    | 28-1  | 68.48   | 68.29   | 66.86   | 67.88      | 1.30    | ppb   |
| Silver     | 109-1 | 53.55   | 54.20   | 53.71   | 53.82      | 0.63    | ppb   |
| Silver     | 107-1 | 54.78   | 54.69   | 55.44   | 54.97      | 0.75    | ppb   |
| Sodium     | 23-2  | 4903.84 | 4973.18 | 4948.99 | 4942.00    | 0.71    | ppb   |
| Strontium  | 86-1  | 49.91   | 50.80   | 49.66   | 50.12      | 1.19    | ppb   |
| Strontium  | 88-1  | 50.27   | 50.79   | 50.44   | 50.50      | 0.53    | ppb   |
| Sulfur     | 34-1  | 1396.08 | 1495.56 | 1449.78 | 1447.14    | 3.44    | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 50.09   | 50.01   | 49.78   | 49.96      | 0.32    | ppb   |
| Thallium   | 205-1 | 50.69   | 50.75   | 49.76   | 50.40      | 1.10    | ppb   |
| Tin        | 118-1 | 52.13   | 52.45   | 52.32   | 52.30      | 0.31    | ppb   |
| Titanium   | 47-1  | 49.92   | 49.58   | 50.48   | 49.99      | 0.91    | ppb   |
| Uranium    | 238-1 | 48.24   | 48.94   | 48.29   | 48.49      | 0.81    | ppb   |
| Vanadium   | 51-2  | 50.23   | 49.53   | 49.90   | 49.89      | 0.70    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 102.18  | 102.41  | 101.25  | 101.95     | 0.60    | ppb   |
| Zirconium  | 90-1  | 49.43   | 49.97   | 49.95   | 49.78      | 0.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:34:12 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.77   | 48.73   | 49.66   | 49.05      | 1.07    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:37:40 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2452.91  | 2447.04  | 2405.80  | 2435.25    | 1.05    | ppb   |
| Antimony   | 121-1 | 130.58   | 132.77   | 134.06   | 132.47     | 1.33    | ppb   |
| Arsenic    | 75-2  | 123.29   | 123.42   | 123.56   | 123.42     | 0.11    | ppb   |
| Barium     | 135-1 | 641.75   | 651.08   | 654.86   | 649.23     | 1.04    | ppb   |
| Barium     | 137-1 | 651.22   | 662.68   | 657.23   | 657.04     | 0.87    | ppb   |
| Beryllium  | 9-1   | 126.36   | 126.74   | 126.70   | 126.60     | 0.17    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 11-1  | 123.31   | 123.20   | 129.08   | 125.20     | 2.68    | ppb   |
| Boron      | 10-1  | 123.95   | 121.55   | 123.39   | 122.96     | 1.02    | ppb   |
| Cadmium    | 106-1 | 134.19   | 139.03   | 136.91   | 136.71     | 1.78    | ppb   |
| Cadmium    | 108-1 | 129.92   | 135.76   | 130.60   | 132.10     | 2.42    | ppb   |
| Cadmium    | 111-1 | 133.09   | 134.66   | 134.49   | 134.08     | 0.64    | ppb   |
| Calcium    | 43-1  | 12166.91 | 12165.45 | 12445.79 | 12259.38   | 1.32    | ppb   |
| Calcium    | 44-1  | 12052.61 | 12192.42 | 12206.29 | 12150.44   | 0.70    | ppb   |
| Chromium   | 52-2  | 127.26   | 125.63   | 126.63   | 126.51     | 0.65    | ppb   |
| Cobalt     | 59-2  | 127.10   | 126.16   | 126.25   | 126.50     | 0.41    | ppb   |
| Copper     | 63-2  | 256.13   | 252.26   | 255.33   | 254.57     | 0.80    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 6653.92  | 6496.23  | 6540.65  | 6563.60    | 1.24    | ppb   |
| Iron       | 57-2  | 6527.28  | 6565.39  | 6523.87  | 6538.85    | 0.35    | ppb   |
| Lead       | 206-1 | 124.35   | 126.74   | 128.43   | 126.51     | 1.62    | ppb   |
| Lead       | 207-1 | 122.44   | 122.83   | 126.72   | 123.99     | 1.91    | ppb   |
| Lead       | 208-1 | 123.82   | 125.24   | 127.54   | 125.53     | 1.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 12593.17 | 12445.92 | 12554.49 | 12531.19   | 0.61    | ppb   |
| Manganese  | 55-2  | 256.69   | 259.02   | 256.92   | 257.54     | 0.50    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:37:40 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 123.25   | 124.08   | 124.66   | 123.99     | 0.57    | ppb   |
| Molybdenum | 94-1  | 124.15   | 124.99   | 126.23   | 125.12     | 0.84    | ppb   |
| Molybdenum | 95-1  | 122.20   | 123.10   | 123.94   | 123.08     | 0.71    | ppb   |
| Molybdenum | 96-1  | 122.17   | 123.33   | 124.89   | 123.46     | 1.10    | ppb   |
| Molybdenum | 97-1  | 121.78   | 125.37   | 124.23   | 123.80     | 1.48    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 130.15   | 127.45   | 127.08   | 128.23     | 1.31    | ppb   |
| Phosphorus | 31-2  | 2400.39  | 2561.89  | 2189.25  | 2383.85    | 7.84    | ppb   |
| Potassium  | 39-2  | 6510.11  | 6379.44  | 6444.23  | 6444.59    | 1.01    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 147.20   | 123.75   | 188.17   | 153.04     | 21.30   | ppb   |
| Selenium   | 78-2  | 128.81   | 126.73   | 124.03   | 126.52     | 1.89    | ppb   |
| Selenium   | 82-1  | 126.69   | 126.91   | 131.78   | 128.46     | 2.24    | ppb   |
| Silicon    | 28-1  | 135.12   | 130.05   | 138.35   | 134.50     | 3.11    | ppb   |
| Silver     | 109-1 | 133.11   | 137.04   | 134.63   | 134.93     | 1.47    | ppb   |
| Silver     | 107-1 | 135.68   | 136.93   | 137.35   | 136.65     | 0.64    | ppb   |
| Sodium     | 23-2  | 12962.83 | 12737.27 | 12682.83 | 12794.31   | 1.16    | ppb   |
| Strontium  | 86-1  | 123.81   | 127.25   | 124.69   | 125.25     | 1.43    | ppb   |
| Strontium  | 88-1  | 124.83   | 128.33   | 128.94   | 127.36     | 1.74    | ppb   |
| Sulfur     | 34-1  | 3188.24  | 3139.96  | 3276.95  | 3201.72    | 2.17    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 124.44   | 126.64   | 127.40   | 126.16     | 1.22    | ppb   |
| Thallium   | 205-1 | 127.09   | 128.18   | 129.11   | 128.13     | 0.79    | ppb   |
| Tin        | 118-1 | 131.24   | 132.78   | 133.63   | 132.55     | 0.91    | ppb   |
| Titanium   | 47-1  | 125.45   | 123.28   | 124.40   | 124.37     | 0.88    | ppb   |
| Uranium    | 238-1 | 123.17   | 125.26   | 125.82   | 124.75     | 1.12    | ppb   |
| Vanadium   | 51-2  | 125.68   | 125.83   | 126.91   | 126.14     | 0.53    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 256.41   | 252.32   | 254.51   | 254.41     | 0.80    | ppb   |
| Zirconium  | 90-1  | 125.87   | 126.83   | 128.78   | 127.16     | 1.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:37:40 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 122.16  | 123.72  | 124.63  | 123.51     | 1.01    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 11:41:02 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4878.42  | 5050.56  | 5702.44  | 5210.47    | 8.34    | ppb   |
| Antimony   | 121-1 | 264.59   | 262.95   | 261.08   | 262.87     | 0.67    | ppb   |
| Arsenic    | 75-2  | 246.51   | 252.81   | 286.46   | 261.93     | 8.20    | ppb   |
| Barium     | 135-1 | 1300.49  | 1315.54  | 1324.15  | 1313.39    | 0.91    | ppb   |
| Barium     | 137-1 | 1296.59  | 1312.29  | 1305.25  | 1304.71    | 0.60    | ppb   |
| Beryllium  | 9-1   | 249.56   | 248.34   | 250.90   | 249.60     | 0.51    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 11-1  | 241.66   | 242.76   | 247.80   | 244.07     | 1.34    | ppb   |
| Boron      | 10-1  | 240.15   | 247.95   | 246.38   | 244.83     | 1.68    | ppb   |
| Cadmium    | 106-1 | 266.10   | 270.14   | 268.27   | 268.17     | 0.75    | ppb   |
| Cadmium    | 108-1 | 265.48   | 263.97   | 266.50   | 265.31     | 0.48    | ppb   |
| Cadmium    | 111-1 | 259.99   | 263.02   | 259.30   | 260.77     | 0.76    | ppb   |
| Calcium    | 43-1  | 24627.03 | 24686.77 | 24630.66 | 24648.16   | 0.14    | ppb   |
| Calcium    | 44-1  | 24580.52 | 24885.38 | 24090.68 | 24518.86   | 1.64    | ppb   |
| Chromium   | 52-2  | 249.23   | 255.98   | 296.29   | 267.17     | 9.52    | ppb   |
| Cobalt     | 59-2  | 250.41   | 254.59   | 291.57   | 265.52     | 8.53    | ppb   |
| Copper     | 63-2  | 502.73   | 513.49   | 586.94   | 534.39     | 8.58    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 12790.90 | 13285.80 | 15141.86 | 13739.52   | 9.02    | ppb   |
| Iron       | 57-2  | 12944.82 | 13077.10 | 15227.15 | 13749.69   | 9.32    | ppb   |
| Lead       | 206-1 | 249.91   | 250.12   | 250.51   | 250.18     | 0.12    | ppb   |
| Lead       | 207-1 | 243.08   | 244.89   | 245.95   | 244.64     | 0.59    | ppb   |
| Lead       | 208-1 | 249.78   | 252.35   | 253.14   | 251.76     | 0.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 25234.40 | 25610.74 | 29474.90 | 26773.35   | 8.77    | ppb   |
| Manganese  | 55-2  | 504.80   | 516.77   | 592.79   | 538.12     | 8.87    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:41:02 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 249.18   | 252.00   | 257.45   | 252.88     | 1.66    | ppb   |
| Molybdenum | 94-1  | 248.97   | 254.49   | 253.57   | 252.34     | 1.17    | ppb   |
| Molybdenum | 95-1  | 244.83   | 246.86   | 248.30   | 246.67     | 0.71    | ppb   |
| Molybdenum | 96-1  | 251.46   | 248.23   | 253.47   | 251.05     | 1.05    | ppb   |
| Molybdenum | 97-1  | 245.58   | 247.21   | 250.89   | 247.89     | 1.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 250.88   | 263.39   | 296.74   | 270.34     | 8.77    | ppb   |
| Phosphorus | 31-2  | 4898.62  | 5272.21  | 5995.50  | 5388.78    | 10.35   | ppb   |
| Potassium  | 39-2  | 12782.40 | 12966.04 | 14751.04 | 13499.83   | 8.06    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 217.60   | 301.94   | 233.77   | 251.11     | 17.83   | ppb   |
| Selenium   | 78-2  | 247.84   | 251.37   | 292.59   | 263.93     | 9.43    | ppb   |
| Selenium   | 82-1  | 258.03   | 256.91   | 261.68   | 258.88     | 0.96    | ppb   |
| Silicon    | 28-1  | 271.56   | 276.63   | 269.25   | 272.48     | 1.39    | ppb   |
| Silver     | 109-1 | 265.86   | 271.29   | 269.14   | 268.77     | 1.02    | ppb   |
| Silver     | 107-1 | 274.67   | 270.90   | 267.19   | 270.92     | 1.38    | ppb   |
| Sodium     | 23-2  | 25294.50 | 25762.06 | 29698.12 | 26918.23   | 8.99    | ppb   |
| Strontium  | 86-1  | 246.17   | 248.09   | 251.94   | 248.73     | 1.18    | ppb   |
| Strontium  | 88-1  | 251.38   | 247.14   | 252.40   | 250.31     | 1.12    | ppb   |
| Sulfur     | 34-1  | 6194.59  | 6560.31  | 6073.06  | 6275.98    | 4.04    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 248.91   | 249.61   | 251.10   | 249.87     | 0.45    | ppb   |
| Thallium   | 205-1 | 256.52   | 256.82   | 252.96   | 255.43     | 0.84    | ppb   |
| Tin        | 118-1 | 261.98   | 265.77   | 260.22   | 262.66     | 1.08    | ppb   |
| Titanium   | 47-1  | 249.96   | 253.81   | 249.44   | 251.07     | 0.95    | ppb   |
| Uranium    | 238-1 | 243.96   | 248.16   | 248.10   | 246.74     | 0.98    | ppb   |
| Vanadium   | 51-2  | 249.22   | 252.84   | 289.44   | 263.83     | 8.43    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 498.77   | 506.60   | 581.31   | 528.89     | 8.61    | ppb   |
| Zirconium  | 90-1  | 250.26   | 250.12   | 253.47   | 251.28     | 0.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:41:02 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 246.99  | 246.47  | 249.34  | 247.60     | 0.62    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:44:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9632.79  | 9607.24  | 9699.93  | 9646.65    | 0.50    | ppb   |
| Antimony   | 121-1 | 505.58   | 502.96   | 505.55   | 504.70     | 0.30    | ppb   |
| Arsenic    | 75-2  | 504.45   | 496.96   | 496.88   | 499.43     | 0.87    | ppb   |
| Barium     | 135-1 | 2498.95  | 2519.95  | 2523.10  | 2514.00    | 0.52    | ppb   |
| Barium     | 137-1 | 2490.39  | 2524.95  | 2498.35  | 2504.56    | 0.72    | ppb   |
| Beryllium  | 9-1   | 499.89   | 491.14   | 499.70   | 496.91     | 1.01    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 11-1  | 487.24   | 493.89   | 498.05   | 493.06     | 1.11    | ppb   |
| Boron      | 10-1  | 482.47   | 492.98   | 500.37   | 491.94     | 1.83    | ppb   |
| Cadmium    | 106-1 | 516.65   | 513.48   | 504.25   | 511.46     | 1.26    | ppb   |
| Cadmium    | 108-1 | 501.98   | 517.96   | 501.80   | 507.25     | 1.83    | ppb   |
| Cadmium    | 111-1 | 500.42   | 497.95   | 502.28   | 500.22     | 0.43    | ppb   |
| Calcium    | 43-1  | 48731.33 | 48596.44 | 48546.96 | 48624.91   | 0.20    | ppb   |
| Calcium    | 44-1  | 48237.75 | 48316.03 | 47782.25 | 48112.01   | 0.60    | ppb   |
| Chromium   | 52-2  | 498.52   | 502.05   | 501.52   | 500.70     | 0.38    | ppb   |
| Cobalt     | 59-2  | 492.83   | 501.97   | 500.31   | 498.37     | 0.98    | ppb   |
| Copper     | 63-2  | 1003.78  | 1013.13  | 1011.99  | 1009.63    | 0.51    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 25603.83 | 25914.72 | 25952.73 | 25823.76   | 0.74    | ppb   |
| Iron       | 57-2  | 25678.78 | 26013.31 | 25941.25 | 25877.78   | 0.68    | ppb   |
| Lead       | 206-1 | 502.56   | 504.30   | 500.63   | 502.50     | 0.37    | ppb   |
| Lead       | 207-1 | 507.08   | 501.16   | 498.91   | 502.38     | 0.84    | ppb   |
| Lead       | 208-1 | 504.81   | 499.30   | 501.91   | 502.00     | 0.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 50973.46 | 51165.17 | 51958.73 | 51365.79   | 1.02    | ppb   |
| Manganese  | 55-2  | 994.21   | 1003.78  | 997.91   | 998.63     | 0.48    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:44:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 500.21   | 501.73   | 503.95   | 501.96     | 0.38    | ppb   |
| Molybdenum | 94-1  | 500.10   | 496.34   | 496.10   | 497.51     | 0.45    | ppb   |
| Molybdenum | 95-1  | 503.45   | 501.32   | 505.01   | 503.26     | 0.37    | ppb   |
| Molybdenum | 96-1  | 502.83   | 500.97   | 499.29   | 501.03     | 0.35    | ppb   |
| Molybdenum | 97-1  | 492.84   | 492.17   | 490.44   | 491.82     | 0.25    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 503.10   | 505.96   | 506.73   | 505.26     | 0.38    | ppb   |
| Phosphorus | 31-2  | 9989.77  | 9580.04  | 9213.35  | 9594.39    | 4.05    | ppb   |
| Potassium  | 39-2  | 24838.20 | 25099.39 | 25274.78 | 25070.79   | 0.88    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 566.83   | 469.15   | 595.88   | 543.95     | 12.20   | ppb   |
| Selenium   | 78-2  | 472.17   | 497.59   | 517.21   | 495.66     | 4.56    | ppb   |
| Selenium   | 82-1  | 506.62   | 503.83   | 506.65   | 505.70     | 0.32    | ppb   |
| Silicon    | 28-1  | 530.99   | 535.18   | 523.18   | 529.78     | 1.15    | ppb   |
| Silver     | 109-1 | 510.06   | 507.61   | 508.07   | 508.58     | 0.26    | ppb   |
| Silver     | 107-1 | 511.49   | 513.67   | 509.38   | 511.51     | 0.42    | ppb   |
| Sodium     | 23-2  | 49882.74 | 50519.72 | 51233.91 | 50545.46   | 1.34    | ppb   |
| Strontium  | 86-1  | 497.69   | 492.94   | 494.54   | 495.06     | 0.49    | ppb   |
| Strontium  | 88-1  | 499.77   | 493.74   | 498.16   | 497.22     | 0.63    | ppb   |
| Sulfur     | 34-1  | 11824.68 | 11896.27 | 11605.24 | 11775.40   | 1.29    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 498.67   | 498.94   | 501.99   | 499.87     | 0.37    | ppb   |
| Thallium   | 205-1 | 501.90   | 495.20   | 498.42   | 498.51     | 0.67    | ppb   |
| Tin        | 118-1 | 510.28   | 506.23   | 502.71   | 506.41     | 0.75    | ppb   |
| Titanium   | 47-1  | 486.53   | 488.59   | 486.70   | 487.28     | 0.23    | ppb   |
| Uranium    | 238-1 | 492.10   | 485.77   | 488.94   | 488.94     | 0.65    | ppb   |
| Vanadium   | 51-2  | 494.53   | 499.17   | 500.33   | 498.01     | 0.62    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 982.40   | 999.79   | 996.17   | 992.79     | 0.92    | ppb   |
| Zirconium  | 90-1  | 499.69   | 491.66   | 499.80   | 497.05     | 0.94    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:44:20 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 501.64  | 489.46  | 493.80  | 494.97     | 1.25    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:47:33 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19605.59  | 19256.33  | 19489.26  | 19450.39   | 0.91    | ppb   |
| Antimony   | 121-1 | 1006.57   | 991.34    | 982.16    | 993.36     | 1.24    | ppb   |
| Arsenic    | 75-2  | 990.16    | 1004.42   | 997.95    | 997.51     | 0.72    | ppb   |
| Barium     | 135-1 | 4992.19   | 4966.50   | 4962.38   | 4973.69    | 0.32    | ppb   |
| Barium     | 137-1 | 4977.10   | 4988.55   | 4972.90   | 4979.52    | 0.16    | ppb   |
| Beryllium  | 9-1   | 1009.85   | 988.62    | 1005.69   | 1001.39    | 1.12    | ppb   |
| Bismuth    | 209-1 |           |           |           | 115        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 11-1  | 994.81    | 996.41    | 1023.95   | 1005.06    | 1.63    | ppb   |
| Boron      | 10-1  | 997.99    | 988.01    | 1031.04   | 1005.68    | 2.24    | ppb   |
| Cadmium    | 106-1 | 987.71    | 984.92    | 991.53    | 988.05     | 0.34    | ppb   |
| Cadmium    | 108-1 | 996.38    | 990.15    | 987.73    | 991.42     | 0.45    | ppb   |
| Cadmium    | 111-1 | 1003.67   | 994.12    | 989.91    | 995.90     | 0.71    | ppb   |
| Calcium    | 43-1  | 96690.49  | 97638.01  | 97949.72  | 97426.07   | 0.67    | ppb   |
| Calcium    | 44-1  | 96972.23  | 96575.54  | 96833.19  | 96793.65   | 0.21    | ppb   |
| Chromium   | 52-2  | 1006.28   | 979.73    | 999.34    | 995.12     | 1.38    | ppb   |
| Cobalt     | 59-2  | 1011.42   | 979.47    | 999.22    | 996.70     | 1.62    | ppb   |
| Copper     | 63-2  | 2033.70   | 1949.62   | 1974.42   | 1985.91    | 2.18    | 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 |           |           |           | 115        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 52068.00  | 50710.77  | 50964.47  | 51247.75   | 1.41    | ppb   |
| Iron       | 57-2  | 51517.08  | 50877.93  | 51062.05  | 51152.35   | 0.64    | ppb   |
| Lead       | 206-1 | 1003.68   | 990.03    | 1001.89   | 998.53     | 0.74    | ppb   |
| Lead       | 207-1 | 996.96    | 996.12    | 1007.87   | 1000.32    | 0.66    | ppb   |
| Lead       | 208-1 | 1002.45   | 991.91    | 1001.17   | 998.51     | 0.58    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 102946.55 | 100739.71 | 100512.78 | 101399.68  | 1.33    | ppb   |
| Manganese  | 55-2  | 2015.66   | 1962.67   | 1991.87   | 1990.07    | 1.33    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:47:33 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 1008.60   | 992.46    | 994.28    | 998.45     | 0.89    | ppb   |
| Molybdenum | 94-1  | 1014.34   | 989.52    | 998.20    | 1000.69    | 1.26    | ppb   |
| Molybdenum | 95-1  | 1015.15   | 988.90    | 994.43    | 999.49     | 1.38    | ppb   |
| Molybdenum | 96-1  | 1003.12   | 1003.21   | 992.11    | 999.48     | 0.64    | ppb   |
| Molybdenum | 97-1  | 1013.89   | 999.28    | 1001.22   | 1004.80    | 0.79    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1002.05   | 976.94    | 996.42    | 991.80     | 1.33    | ppb   |
| Phosphorus | 31-2  | 20139.89  | 20158.46  | 20057.46  | 20118.60   | 0.27    | ppb   |
| Potassium  | 39-2  | 50825.31  | 49267.50  | 49102.42  | 49731.74   | 1.91    | ppb   |
| Rhodium    | 103-1 |           |           |           | 101        |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 979.23    | 909.14    | 1034.11   | 974.16     | 6.43    | ppb   |
| Selenium   | 78-2  | 1035.07   | 991.03    | 969.73    | 998.61     | 3.34    | ppb   |
| Selenium   | 82-1  | 1003.99   | 986.93    | 992.24    | 994.39     | 0.88    | ppb   |
| Silicon    | 28-1  | 981.59    | 971.49    | 979.13    | 977.40     | 0.54    | ppb   |
| Silver     | 109-1 | 1002.73   | 982.52    | 983.51    | 989.59     | 1.15    | ppb   |
| Silver     | 107-1 | 988.10    | 985.21    | 988.62    | 987.31     | 0.19    | ppb   |
| Sodium     | 23-2  | 102468.28 | 100064.81 | 100308.25 | 100947.11  | 1.31    | ppb   |
| Strontium  | 86-1  | 1010.57   | 1002.92   | 994.76    | 1002.75    | 0.79    | ppb   |
| Strontium  | 88-1  | 1009.65   | 995.10    | 998.23    | 1000.99    | 0.77    | ppb   |
| Sulfur     | 34-1  | 18895.59  | 18477.88  | 18676.22  | 18683.23   | 1.12    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 1004.70   | 997.09    | 998.07    | 999.96     | 0.41    | ppb   |
| Thallium   | 205-1 | 1009.06   | 994.64    | 993.23    | 998.98     | 0.88    | ppb   |
| Tin        | 118-1 | 998.25    | 988.45    | 991.01    | 992.57     | 0.51    | ppb   |
| Titanium   | 47-1  | 1015.66   | 988.08    | 1014.78   | 1006.18    | 1.56    | ppb   |
| Uranium    | 238-1 | 1008.97   | 1006.67   | 1003.72   | 1006.45    | 0.26    | ppb   |
| Vanadium   | 51-2  | 1010.32   | 981.67    | 1000.21   | 997.40     | 1.46    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 95         |         | %     |
| Zinc       | 66-2  | 2022.05   | 1969.82   | 1995.33   | 1995.73    | 1.31    | ppb   |
| Zirconium  | 90-1  | 1004.76   | 1000.06   | 997.86    | 1000.89    | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:47:33 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1019.93 | 988.53  | 1001.59 | 1003.35    | 1.57    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:50:39 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99331.31  | 100431.73 | 100646.71 | 100136.59  | 0.70    | ppb   |
| Antimony   | 121-1 | 2.23      | 2.06      | 2.11      | 2.13       | 3.92    | ppb   |
| Arsenic    | 75-2  | 0.37      | 0.29      | 0.49      | 0.38       | 26.70   | ppb   |
| Barium     | 135-1 | 1.56      | 1.51      | 1.58      | 1.55       | 2.36    | ppb   |
| Barium     | 137-1 | 1.71      | 1.67      | 1.54      | 1.64       | 5.37    | ppb   |
| Beryllium  | 9-1   | 0.28      | 0.20      | 0.24      | 0.24       | 16.95   | ppb   |
| Bismuth    | 209-1 |           |           |           | 108        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 11-1  | 34.32     | 31.09     | 29.70     | 31.70      | 7.47    | ppb   |
| Boron      | 10-1  | 35.69     | 31.32     | 30.73     | 32.58      | 8.30    | ppb   |
| Cadmium    | 106-1 | -1.46     | -1.04     | -2.62     | -1.71      |         | ppb   |
| Cadmium    | 108-1 | 0.05      | -0.03     | 0.13      | 0.05       | 157.10  | ppb   |
| Cadmium    | 111-1 | 0.04      | 0.06      | -0.08     | 0.01       | 1339.19 | ppb   |
| Calcium    | 43-1  | 510162.92 | 492473.93 | 499393.68 | 500676.84  | 1.78    | ppb   |
| Calcium    | 44-1  | 507380.80 | 495101.67 | 500106.73 | 500863.07  | 1.23    | ppb   |
| Chromium   | 52-2  | 3.23      | 3.49      | 3.43      | 3.39       | 4.05    | ppb   |
| Cobalt     | 59-2  | 1.17      | 1.13      | 1.18      | 1.16       | 2.50    | ppb   |
| Copper     | 63-2  | 2.69      | 2.81      | 2.68      | 2.73       | 2.74    | 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 |           |           |           | 113        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 247888.46 | 253161.11 | 247740.52 | 249596.70  | 1.24    | ppb   |
| Iron       | 57-2  | 248701.58 | 250219.21 | 249911.86 | 249610.88  | 0.32    | ppb   |
| Lead       | 206-1 | 1.90      | 1.89      | 1.85      | 1.88       | 1.52    | ppb   |
| Lead       | 207-1 | 1.69      | 1.73      | 1.81      | 1.75       | 3.54    | ppb   |
| Lead       | 208-1 | 1.83      | 1.82      | 1.85      | 1.83       | 0.80    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 497922.06 | 501785.36 | 498775.42 | 499494.28  | 0.41    | ppb   |
| Manganese  | 55-2  | 5.00      | 4.86      | 5.59      | 5.15       | 7.57    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:50:39 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD  | Units |
|------------|-------|-----------|-----------|-----------|------------|----------|-------|
| Molybdenum | 98-1  | 1.06      | 1.00      | 0.94      | 1.00       | 6.01     | ppb   |
| Molybdenum | 94-1  | 0.46      | 0.48      | 0.44      | 0.46       | 4.53     | ppb   |
| Molybdenum | 95-1  | 1.05      | 1.12      | 0.95      | 1.04       | 8.18     | ppb   |
| Molybdenum | 96-1  | 1.40      | 1.34      | 1.35      | 1.36       | 2.37     | ppb   |
| Molybdenum | 97-1  | 1.12      | 1.14      | 0.99      | 1.08       | 7.79     | ppb   |
| Neodymium  | 150-1 |           |           |           |            |          | cps   |
| Neodymium  | 150-2 |           |           |           |            |          | cps   |
| Nickel     | 60-2  | 2.25      | 2.36      | 2.30      | 2.30       | 2.35     | ppb   |
| Phosphorus | 31-2  | 10.88     | 11.25     | 23.83     | 15.32      | 48.14    | ppb   |
| Potassium  | 39-2  | 246418.91 | 254053.77 | 249500.21 | 249990.97  | 1.54     | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |          | %     |
| Rhodium    | 103-2 |           |           |           | 95         |          | %     |
| Scandium   | 45-1  |           |           |           | 98         |          | %     |
| Scandium   | 45-2  |           |           |           | 101        |          | %     |
| Selenium   | 77-2  | 1.11      | -2.16     | 1.07      | 0.01       | 34318.78 | ppb   |
| Selenium   | 78-2  | 1.23      | 0.70      | -0.35     | 0.53       | 152.72   | ppb   |
| Selenium   | 82-1  | 0.14      | 0.89      | 1.02      | 0.68       | 69.45    | ppb   |
| Silicon    | 28-1  | 56.75     | 56.66     | 59.53     | 57.65      | 2.83     | ppb   |
| Silver     | 109-1 | 0.06      | 0.07      | 0.07      | 0.07       | 4.90     | ppb   |
| Silver     | 107-1 | 0.08      | 0.07      | 0.09      | 0.08       | 12.63    | ppb   |
| Sodium     | 23-2  | 496693.30 | 504540.03 | 497726.84 | 499653.39  | 0.85     | ppb   |
| Strontium  | 86-1  | 35.26     | 34.02     | 34.86     | 34.71      | 1.82     | ppb   |
| Strontium  | 88-1  | 35.77     | 34.59     | 34.71     | 35.02      | 1.85     | ppb   |
| Sulfur     | 34-1  | 373.84    | 11.53     | 313.75    | 233.04     | 83.32    | ppb   |
| Terbium    | 159-1 |           |           |           | 112        |          | %     |
| Terbium    | 159-2 |           |           |           | 105        |          | %     |
| Thallium   | 203-1 | 0.31      | 0.28      | 0.28      | 0.29       | 5.56     | ppb   |
| Thallium   | 205-1 | 0.32      | 0.27      | 0.27      | 0.29       | 8.41     | ppb   |
| Tin        | 118-1 | 0.42      | 0.33      | 0.37      | 0.37       | 11.54    | ppb   |
| Titanium   | 47-1  | 0.66      | 0.59      | 0.56      | 0.60       | 7.92     | ppb   |
| Uranium    | 238-1 | 0.06      | 0.08      | 0.06      | 0.07       | 14.51    | ppb   |
| Vanadium   | 51-2  | 0.42      | 0.47      | 0.40      | 0.43       | 8.43     | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |          | %     |
| Yttrium    | 89-2  |           |           |           | 100        |          | %     |
| Zinc       | 66-2  | 5.45      | 6.26      | 5.30      | 5.67       | 9.04     | ppb   |
| Zirconium  | 90-1  | 0.17      | 0.14      | 0.16      | 0.16       | 8.85     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:50:39 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.16    | 0.14    | 0.16       | 17.19   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 11:54:00 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 468.64  | 501.43  | 490.59  | 486.89     | 3.43    | ppb   |
| Antimony   | 121-1 | 211.63  | 205.08  | 203.76  | 206.82     | 2.04    | ppb   |
| Arsenic    | 75-2  | 193.26  | 190.74  | 192.50  | 192.17     | 0.67    | ppb   |
| Barium     | 135-1 | 101.81  | 98.59   | 100.32  | 100.24     | 1.61    | ppb   |
| Barium     | 137-1 | 104.02  | 100.99  | 99.98   | 101.66     | 2.07    | ppb   |
| Beryllium  | 9-1   | 94.72   | 93.16   | 96.18   | 94.69      | 1.59    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 11-1  | 567.29  | 549.23  | 566.52  | 561.01     | 1.82    | ppb   |
| Boron      | 10-1  | 561.07  | 548.80  | 557.29  | 555.72     | 1.13    | ppb   |
| Cadmium    | 106-1 | 168.61  | 161.11  | 166.89  | 165.54     | 2.37    | ppb   |
| Cadmium    | 108-1 | 140.27  | 135.25  | 134.85  | 136.79     | 2.21    | ppb   |
| Cadmium    | 111-1 | 109.00  | 105.21  | 106.58  | 106.93     | 1.80    | ppb   |
| Calcium    | 43-1  | 2140.42 | 2180.31 | 2095.54 | 2138.75    | 1.98    | ppb   |
| Calcium    | 44-1  | 2150.90 | 2092.82 | 2087.25 | 2110.32    | 1.67    | ppb   |
| Chromium   | 52-2  | 95.32   | 94.84   | 92.38   | 94.18      | 1.68    | ppb   |
| Cobalt     | 59-2  | 96.92   | 96.39   | 95.33   | 96.21      | 0.84    | ppb   |
| Copper     | 63-2  | 97.43   | 98.16   | 94.70   | 96.76      | 1.89    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 997.77  | 999.28  | 974.61  | 990.55     | 1.40    | ppb   |
| Iron       | 57-2  | 960.89  | 984.22  | 978.31  | 974.47     | 1.24    | ppb   |
| Lead       | 206-1 | 205.13  | 201.59  | 199.41  | 202.04     | 1.43    | ppb   |
| Lead       | 207-1 | 192.15  | 188.81  | 187.31  | 189.42     | 1.31    | ppb   |
| Lead       | 208-1 | 204.15  | 200.05  | 197.48  | 200.56     | 1.68    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1185.67 | 1203.39 | 1153.58 | 1180.88    | 2.14    | ppb   |
| Manganese  | 55-2  | 97.93   | 98.34   | 95.54   | 97.27      | 1.55    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 11:54:00 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 507.98  | 500.47  | 502.22  | 503.56     | 0.78    | ppb   |
| Molybdenum | 94-1  | 509.25  | 500.36  | 503.68  | 504.43     | 0.89    | ppb   |
| Molybdenum | 95-1  | 507.37  | 506.81  | 511.21  | 508.46     | 0.47    | ppb   |
| Molybdenum | 96-1  | 511.53  | 505.33  | 507.99  | 508.28     | 0.61    | ppb   |
| Molybdenum | 97-1  | 511.42  | 496.85  | 503.76  | 504.01     | 1.45    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 99.63   | 98.87   | 97.71   | 98.74      | 0.98    | ppb   |
| Phosphorus | 31-2  | -15.49  | -2.95   | 33.61   | 5.06       | 504.54  | ppb   |
| Potassium  | 39-2  | 1975.73 | 1993.65 | 1937.65 | 1969.01    | 1.45    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | 257.85  | 215.76  | 188.83  | 220.81     | 15.75   | ppb   |
| Selenium   | 78-2  | 195.56  | 209.69  | 199.08  | 201.44     | 3.65    | ppb   |
| Selenium   | 82-1  | 205.12  | 205.19  | 201.97  | 204.09     | 0.90    | ppb   |
| Silicon    | 28-1  | 505.80  | 491.55  | 485.23  | 494.19     | 2.13    | ppb   |
| Silver     | 109-1 | 105.06  | 103.03  | 103.36  | 103.82     | 1.05    | ppb   |
| Silver     | 107-1 | 106.52  | 103.74  | 104.45  | 104.90     | 1.38    | ppb   |
| Sodium     | 23-2  | 2045.69 | 2035.49 | 2007.01 | 2029.40    | 0.99    | ppb   |
| Strontium  | 86-1  | 515.02  | 504.46  | 510.15  | 509.87     | 1.04    | ppb   |
| Strontium  | 88-1  | 508.72  | 507.09  | 508.16  | 507.99     | 0.16    | ppb   |
| Sulfur     | 34-1  | 336.72  | -65.19  | -8.60   | 87.64      | 248.23  | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 207.22  | 203.88  | 200.99  | 204.03     | 1.53    | ppb   |
| Thallium   | 205-1 | 212.94  | 208.06  | 205.52  | 208.84     | 1.81    | ppb   |
| Tin        | 118-1 | 542.26  | 531.82  | 534.25  | 536.11     | 1.02    | ppb   |
| Titanium   | 47-1  | 511.14  | 497.70  | 499.90  | 502.91     | 1.43    | ppb   |
| Uranium    | 238-1 | 550.05  | 539.19  | 534.01  | 541.09     | 1.51    | ppb   |
| Vanadium   | 51-2  | 94.75   | 95.69   | 93.12   | 94.52      | 1.37    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 196.59  | 196.55  | 192.66  | 195.27     | 1.15    | ppb   |
| Zirconium  | 90-1  | 502.19  | 497.06  | 500.51  | 499.92     | 0.52    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 11:54:00 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 509.72  | 500.06  | 504.38  | 504.72     | 0.96    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 11:57:05 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.37   | 0.62    | -2.21   | -0.65      |          | ppb   |
| Antimony   | 121-1 | 0.18    | 0.18    | 0.19    | 0.18       | 5.36     | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.04    | 0.03       | 43.12    | ppb   |
| Barium     | 135-1 | -0.03   | -0.03   | -0.01   | -0.02      |          | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | -0.01   | -0.01      |          | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.09    | 0.08    | 0.08       | 7.66     | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |          | %     |
| Bismuth    | 209-2 |         |         |         | 105        |          | %     |
| Boron      | 11-1  | 14.63   | 13.85   | 12.00   | 13.49      | 10.02    | ppb   |
| Boron      | 10-1  | 14.83   | 14.13   | 14.15   | 14.37      | 2.77     | ppb   |
| Cadmium    | 106-1 | -0.77   | -0.55   | -1.76   | -1.03      |          | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.08    | -0.08   | 0.00       | 16197.22 | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.02   | -0.12   | -0.06      |          | ppb   |
| Calcium    | 43-1  | -3.17   | -9.77   | -9.08   | -7.34      |          | ppb   |
| Calcium    | 44-1  | 4.47    | 5.84    | 0.18    | 3.49       | 84.49    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.03   | 0.04    | -0.01      |          | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       |          | ppb   |
| Copper     | 63-2  | 0.03    | 0.05    | 0.03    | 0.03       | 35.92    | 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 |         |         |         | 109        |          | %     |
| Holmium    | 165-2 |         |         |         | 106        |          | %     |
| Indium     | 115-1 |         |         |         | 105        |          | %     |
| Indium     | 115-2 |         |         |         | 104        |          | %     |
| Iron       | 56-2  | 0.56    | 0.88    | 0.41    | 0.62       | 38.40    | ppb   |
| Iron       | 57-2  | -0.40   | -1.43   | 1.23    | -0.20      |          | ppb   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.07    | 0.08       | 7.69     | ppb   |
| Lead       | 207-1 | 0.10    | 0.09    | 0.08    | 0.09       | 15.43    | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.08    | 0.08       | 6.19     | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |          | %     |
| Magnesium  | 24-2  | 3.42    | 2.45    | -0.42   | 1.82       | 109.71   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.04    | 0.04    | 0.03       | 91.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:57:05 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.08    | 0.06    | 0.06    | 0.07       | 13.52   | ppb   |
| Molybdenum | 94-1  | 0.06    | 0.04    | 0.05    | 0.05       | 19.70   | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.07    | 0.06    | 0.08       | 20.21   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.07    | 0.09    | 0.08       | 14.35   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.07    | 0.06    | 0.07       | 27.80   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.24   | -0.19   | -0.17   | -0.20      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | 10.83   | -2.68   | -2.45      |         | ppb   |
| Potassium  | 39-2  | 12.62   | 26.53   | 12.96   | 17.37      | 45.68   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.65    | 0.15    | -0.37   | 0.14       | 353.89  | ppb   |
| Selenium   | 82-1  | 0.16    | 0.43    | -0.17   | 0.14       | 211.22  | ppb   |
| Silicon    | 28-1  | -9.22   | -9.65   | -9.10   | -9.33      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.27   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 47.01   | ppb   |
| Sodium     | 23-2  | 79.07   | 69.57   | 77.15   | 75.26      | 6.68    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -507.03 | -397.04 | -521.01 | -475.03    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.06    | 0.05    | 0.05       | 23.47   | ppb   |
| Thallium   | 205-1 | 0.07    | 0.07    | 0.06    | 0.07       | 12.18   | ppb   |
| Tin        | 118-1 | 0.09    | 0.06    | 0.06    | 0.07       | 22.63   | ppb   |
| Titanium   | 47-1  | -0.02   | -0.06   | 0.01    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 36.66   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | -0.01   | 0.00       | 1320.08 | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |
| Zinc       | 66-2  | 0.06    | 0.09    | -0.04   | 0.04       | 176.30  | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 20.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:57:05 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 20.01   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P8  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 12:00:13 DataFile Name : 014ICSA.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 92648.15  | 92220.52  | 90969.52  | 91946.06   | 0.95    | ppb   |
| Antimony   | 121-1 | 1.43      | 1.33      | 1.26      | 1.34       | 6.21    | ppb   |
| Arsenic    | 75-2  | 0.38      | 0.23      | 0.25      | 0.28       | 28.18   | ppb   |
| Barium     | 135-1 | 1.62      | 1.53      | 1.38      | 1.51       | 8.05    | ppb   |
| Barium     | 137-1 | 1.62      | 1.52      | 1.33      | 1.49       | 9.77    | ppb   |
| Beryllium  | 9-1   | 0.35      | 0.29      | 0.28      | 0.31       | 12.41   | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 11-1  | 14.01     | 11.98     | 11.83     | 12.61      | 9.66    | ppb   |
| Boron      | 10-1  | 12.62     | 12.73     | 12.89     | 12.74      | 1.07    | ppb   |
| Cadmium    | 106-1 | -0.94     | -2.06     | -2.20     | -1.73      |         | ppb   |
| Cadmium    | 108-1 | 8.06      | 8.34      | 8.31      | 8.23       | 1.84    | ppb   |
| Cadmium    | 111-1 | 0.27      | 0.20      | 0.07      | 0.18       | 56.17   | ppb   |
| Calcium    | 43-1  | 107956.28 | 98962.74  | 98283.59  | 101734.21  | 5.31    | ppb   |
| Calcium    | 44-1  | 107585.44 | 97052.77  | 96806.59  | 100481.60  | 6.12    | ppb   |
| Chromium   | 52-2  | 20.09     | 19.89     | 19.28     | 19.75      | 2.15    | ppb   |
| Cobalt     | 59-2  | 1.12      | 1.14      | 1.18      | 1.15       | 2.29    | ppb   |
| Copper     | 63-2  | 8.04      | 7.99      | 7.68      | 7.90       | 2.45    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 102293.41 | 101016.66 | 99626.69  | 100978.92  | 1.32    | ppb   |
| Iron       | 57-2  | 103107.28 | 101686.50 | 100097.59 | 101630.46  | 1.48    | ppb   |
| Lead       | 206-1 | 5.44      | 4.85      | 4.77      | 5.02       | 7.37    | ppb   |
| Lead       | 207-1 | 4.62      | 4.16      | 4.10      | 4.30       | 6.56    | ppb   |
| Lead       | 208-1 | 4.94      | 4.43      | 4.40      | 4.59       | 6.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 101070.76 | 98748.00  | 98326.84  | 99381.87   | 1.49    | ppb   |
| Manganese  | 55-2  | 7.71      | 8.25      | 7.43      | 7.80       | 5.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:00:13 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 2116.46   | 1954.86   | 1938.01  | 2003.11    | 4.92    | ppb   |
| Molybdenum | 94-1  | 650.23    | 595.91    | 589.64   | 611.92     | 5.44    | ppb   |
| Molybdenum | 95-1  | 2107.11   | 1948.21   | 1909.11  | 1988.14    | 5.27    | ppb   |
| Molybdenum | 96-1  | 1739.87   | 1600.37   | 1587.22  | 1642.49    | 5.15    | ppb   |
| Molybdenum | 97-1  | 2112.32   | 1936.72   | 1918.10  | 1989.04    | 5.39    | ppb   |
| Neodymium  | 150-1 |           |           |          |            |         | cps   |
| Neodymium  | 150-2 |           |           |          |            |         | cps   |
| Nickel     | 60-2  | 5.10      | 5.08      | 4.93     | 5.04       | 1.83    | ppb   |
| Phosphorus | 31-2  | 101817.25 | 98846.10  | 98203.82 | 99622.39   | 1.94    | ppb   |
| Potassium  | 39-2  | 101242.75 | 101186.16 | 99665.19 | 100698.03  | 0.89    | ppb   |
| Rhodium    | 103-1 |           |           |          | 97         |         | %     |
| Rhodium    | 103-2 |           |           |          | 99         |         | %     |
| Scandium   | 45-1  |           |           |          | 97         |         | %     |
| Scandium   | 45-2  |           |           |          | 100        |         | %     |
| Selenium   | 77-2  | 1.09      | -2.16     | 1.05     | 0.00       |         | ppb   |
| Selenium   | 78-2  | -0.87     | 2.73      | 0.16     | 0.68       | 274.22  | ppb   |
| Selenium   | 82-1  | -0.17     | 0.13      | 0.22     | 0.06       | 324.26  | ppb   |
| Silicon    | 28-1  | 39.89     | 24.44     | 23.80    | 29.37      | 31.01   | ppb   |
| Silver     | 109-1 | 0.18      | 0.18      | 0.19     | 0.18       | 2.95    | ppb   |
| Silver     | 107-1 | 0.20      | 0.19      | 0.19     | 0.20       | 3.35    | ppb   |
| Sodium     | 23-2  | 100722.12 | 100060.26 | 99252.36 | 100011.58  | 0.74    | ppb   |
| Strontium  | 86-1  | 36.58     | 33.48     | 32.37    | 34.14      | 6.40    | ppb   |
| Strontium  | 88-1  | 36.88     | 33.72     | 33.52    | 34.71      | 5.43    | ppb   |
| Sulfur     | 34-1  | 98929.71  | 88759.09  | 88766.81 | 92151.87   | 6.37    | ppb   |
| Terbium    | 159-1 |           |           |          | 106        |         | %     |
| Terbium    | 159-2 |           |           |          | 105        |         | %     |
| Thallium   | 203-1 | 0.16      | 0.14      | 0.16     | 0.15       | 7.58    | ppb   |
| Thallium   | 205-1 | 0.17      | 0.17      | 0.17     | 0.17       | 0.94    | ppb   |
| Tin        | 118-1 | 0.70      | 0.59      | 0.62     | 0.63       | 9.49    | ppb   |
| Titanium   | 47-1  | 2146.42   | 1943.38   | 1924.77  | 2004.86    | 6.13    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02     | 0.02       | 9.81    | ppb   |
| Vanadium   | 51-2  | 0.14      | 0.21      | 0.11     | 0.15       | 31.80   | ppb   |
| Yttrium    | 89-1  |           |           |          | 99         |         | %     |
| Yttrium    | 89-2  |           |           |          | 101        |         | %     |
| Zinc       | 66-2  | 11.30     | 11.13     | 11.21    | 11.21      | 0.78    | ppb   |
| Zirconium  | 90-1  | 0.18      | 0.17      | 0.16     | 0.17       | 6.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:00:13 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.17    | 0.14    | 0.12    | 0.15       | 17.35   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:03:18 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 88895.55  | 87926.96 | 90835.19  | 89219.24   | 1.66    | ppb   |
| Antimony   | 121-1 | 20.96     | 21.06    | 20.95     | 20.99      | 0.29    | ppb   |
| Arsenic    | 75-2  | 19.30     | 19.67    | 19.42     | 19.47      | 0.96    | ppb   |
| Barium     | 135-1 | 21.32     | 21.39    | 21.14     | 21.28      | 0.61    | ppb   |
| Barium     | 137-1 | 21.55     | 21.73    | 21.57     | 21.61      | 0.45    | ppb   |
| Beryllium  | 9-1   | 20.57     | 20.18    | 20.58     | 20.44      | 1.13    | ppb   |
| Bismuth    | 209-1 |           |          |           | 106        |         | %     |
| Bismuth    | 209-2 |           |          |           | 98         |         | %     |
| Boron      | 11-1  | 65.19     | 67.62    | 67.63     | 66.81      | 2.11    | ppb   |
| Boron      | 10-1  | 64.36     | 66.96    | 65.57     | 65.63      | 1.98    | ppb   |
| Cadmium    | 106-1 | 25.00     | 20.79    | 21.89     | 22.56      | 9.68    | ppb   |
| Cadmium    | 108-1 | 29.39     | 30.14    | 28.09     | 29.21      | 3.56    | ppb   |
| Cadmium    | 111-1 | 20.18     | 19.60    | 20.00     | 19.93      | 1.50    | ppb   |
| Calcium    | 43-1  | 96955.04  | 95332.48 | 95845.68  | 96044.40   | 0.86    | ppb   |
| Calcium    | 44-1  | 95187.85  | 95722.74 | 95661.11  | 95523.90   | 0.31    | ppb   |
| Chromium   | 52-2  | 38.63     | 38.09    | 39.53     | 38.75      | 1.88    | ppb   |
| Cobalt     | 59-2  | 20.70     | 20.56    | 21.09     | 20.78      | 1.33    | ppb   |
| Copper     | 63-2  | 27.28     | 27.04    | 27.81     | 27.38      | 1.44    | 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 |           |          |           | 109        |         | %     |
| Holmium    | 165-2 |           |          |           | 104        |         | %     |
| Indium     | 115-1 |           |          |           | 102        |         | %     |
| Indium     | 115-2 |           |          |           | 99         |         | %     |
| Iron       | 56-2  | 98076.26  | 98247.02 | 100545.48 | 98956.25   | 1.39    | ppb   |
| Iron       | 57-2  | 101453.30 | 99707.95 | 103041.25 | 101400.83  | 1.64    | ppb   |
| Lead       | 206-1 | 24.96     | 25.19    | 24.52     | 24.89      | 1.37    | ppb   |
| Lead       | 207-1 | 22.85     | 22.91    | 22.62     | 22.79      | 0.68    | ppb   |
| Lead       | 208-1 | 23.76     | 23.83    | 23.48     | 23.69      | 0.78    | ppb   |
| Lithium    | 6-1   |           |          |           | 99         |         | %     |
| Magnesium  | 24-2  | 97894.95  | 96694.09 | 99389.59  | 97992.88   | 1.38    | ppb   |
| Manganese  | 55-2  | 27.55     | 26.38    | 27.57     | 27.17      | 2.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:03:18 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 1938.43  | 1948.54  | 1953.89   | 1946.95    | 0.40    | ppb   |
| Molybdenum | 94-1  | 629.98   | 626.77   | 628.56    | 628.44     | 0.26    | ppb   |
| Molybdenum | 95-1  | 1927.76  | 1943.49  | 1924.32   | 1931.86    | 0.53    | ppb   |
| Molybdenum | 96-1  | 1614.25  | 1621.77  | 1623.71   | 1619.91    | 0.31    | ppb   |
| Molybdenum | 97-1  | 1946.10  | 1942.80  | 1935.04   | 1941.32    | 0.29    | ppb   |
| Neodymium  | 150-1 |          |          |           |            |         | cps   |
| Neodymium  | 150-2 |          |          |           |            |         | cps   |
| Nickel     | 60-2  | 24.94    | 24.82    | 25.10     | 24.95      | 0.57    | ppb   |
| Phosphorus | 31-2  | 97210.76 | 96717.87 | 99277.46  | 97735.36   | 1.39    | ppb   |
| Potassium  | 39-2  | 98061.31 | 98632.61 | 101010.99 | 99234.97   | 1.58    | ppb   |
| Rhodium    | 103-1 |          |          |           | 99         |         | %     |
| Rhodium    | 103-2 |          |          |           | 99         |         | %     |
| Scandium   | 45-1  |          |          |           | 101        |         | %     |
| Scandium   | 45-2  |          |          |           | 101        |         | %     |
| Selenium   | 77-2  | 17.14    | 10.89    | 23.56     | 17.19      | 36.86   | ppb   |
| Selenium   | 78-2  | 15.15    | 16.42    | 13.59     | 15.05      | 9.42    | ppb   |
| Selenium   | 82-1  | 20.09    | 19.45    | 20.48     | 20.00      | 2.59    | ppb   |
| Silicon    | 28-1  | 90.64    | 87.24    | 87.84     | 88.57      | 2.05    | ppb   |
| Silver     | 109-1 | 19.05    | 19.08    | 19.07     | 19.06      | 0.08    | ppb   |
| Silver     | 107-1 | 19.40    | 19.17    | 19.43     | 19.33      | 0.75    | ppb   |
| Sodium     | 23-2  | 97326.35 | 96432.60 | 99912.75  | 97890.56   | 1.85    | ppb   |
| Strontium  | 86-1  | 84.72    | 86.30    | 84.82     | 85.28      | 1.03    | ppb   |
| Strontium  | 88-1  | 87.34    | 87.72    | 87.18     | 87.41      | 0.32    | ppb   |
| Sulfur     | 34-1  | 87641.52 | 85174.52 | 85992.64  | 86269.56   | 1.46    | ppb   |
| Terbium    | 159-1 |          |          |           | 109        |         | %     |
| Terbium    | 159-2 |          |          |           | 104        |         | %     |
| Thallium   | 203-1 | 19.74    | 20.71    | 19.96     | 20.14      | 2.52    | ppb   |
| Thallium   | 205-1 | 20.39    | 20.87    | 20.24     | 20.50      | 1.59    | ppb   |
| Tin        | 118-1 | 53.74    | 53.17    | 54.11     | 53.67      | 0.88    | ppb   |
| Titanium   | 47-1  | 1987.44  | 1969.29  | 1981.85   | 1979.52    | 0.47    | ppb   |
| Uranium    | 238-1 | 52.12    | 53.11    | 52.30     | 52.51      | 1.00    | ppb   |
| Vanadium   | 51-2  | 18.91    | 19.18    | 19.84     | 19.31      | 2.49    | ppb   |
| Yttrium    | 89-1  |          |          |           | 103        |         | %     |
| Yttrium    | 89-2  |          |          |           | 101        |         | %     |
| Zinc       | 66-2  | 30.17    | 30.07    | 30.88     | 30.37      | 1.45    | ppb   |
| Zirconium  | 90-1  | 52.51    | 52.68    | 52.03     | 52.41      | 0.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:03:18 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 51.86   | 52.00   | 51.40   | 51.75      | 0.61    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV026              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV026              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 12:06:21 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50430.06  | 49648.68  | 51234.32  | 50437.69   | 1.57    | ppb   |
| Antimony   | 121-1 | 521.91    | 515.29    | 503.99    | 513.73     | 1.76    | ppb   |
| Arsenic    | 75-2  | 499.74    | 493.95    | 498.96    | 497.55     | 0.63    | ppb   |
| Barium     | 135-1 | 2610.50   | 2612.44   | 2541.62   | 2588.19    | 1.56    | ppb   |
| Barium     | 137-1 | 2584.30   | 2551.93   | 2541.49   | 2559.24    | 0.87    | ppb   |
| Beryllium  | 9-1   | 506.86    | 503.26    | 505.78    | 505.30     | 0.37    | ppb   |
| Bismuth    | 209-1 |           |           |           | 106        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 11-1  | 505.38    | 511.58    | 519.59    | 512.18     | 1.39    | ppb   |
| Boron      | 10-1  | 506.74    | 518.49    | 511.02    | 512.08     | 1.16    | ppb   |
| Cadmium    | 106-1 | 512.02    | 507.75    | 504.75    | 508.17     | 0.72    | ppb   |
| Cadmium    | 108-1 | 507.56    | 495.78    | 507.81    | 503.72     | 1.36    | ppb   |
| Cadmium    | 111-1 | 499.78    | 493.36    | 491.93    | 495.03     | 0.84    | ppb   |
| Calcium    | 43-1  | 242841.14 | 244515.78 | 247674.76 | 245010.56  | 1.00    | ppb   |
| Calcium    | 44-1  | 241466.85 | 246621.31 | 246351.80 | 244813.32  | 1.19    | ppb   |
| Chromium   | 52-2  | 507.91    | 493.79    | 506.90    | 502.87     | 1.57    | ppb   |
| Cobalt     | 59-2  | 490.03    | 480.56    | 490.29    | 486.96     | 1.14    | ppb   |
| Copper     | 63-2  | 988.56    | 971.12    | 987.70    | 982.46     | 1.00    | 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 |           |           |           | 111        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 125033.12 | 123731.32 | 125953.95 | 124906.13  | 0.89    | ppb   |
| Iron       | 57-2  | 128529.15 | 124749.99 | 128295.65 | 127191.60  | 1.66    | ppb   |
| Lead       | 206-1 | 522.68    | 516.52    | 524.01    | 521.07     | 0.77    | ppb   |
| Lead       | 207-1 | 512.58    | 522.90    | 528.01    | 521.16     | 1.51    | ppb   |
| Lead       | 208-1 | 512.10    | 521.25    | 525.81    | 519.72     | 1.34    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 253687.84 | 248225.94 | 252675.98 | 251529.92  | 1.16    | ppb   |
| Manganese  | 55-2  | 1015.15   | 993.30    | 1023.29   | 1010.58    | 1.53    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV026              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV026              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 12:06:21 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 514.51    | 515.07    | 517.82    | 515.80     | 0.34    | ppb   |
| Molybdenum | 94-1  | 508.20    | 515.66    | 515.03    | 512.96     | 0.81    | ppb   |
| Molybdenum | 95-1  | 512.22    | 514.05    | 512.57    | 512.95     | 0.19    | ppb   |
| Molybdenum | 96-1  | 512.47    | 520.31    | 512.44    | 515.07     | 0.88    | ppb   |
| Molybdenum | 97-1  | 512.35    | 504.02    | 510.74    | 509.03     | 0.87    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 488.38    | 479.53    | 491.05    | 486.32     | 1.24    | ppb   |
| Phosphorus | 31-2  | 9844.68   | 9794.54   | 10321.45  | 9986.89    | 2.91    | ppb   |
| Potassium  | 39-2  | 127706.63 | 125080.17 | 129023.04 | 127269.95  | 1.58    | ppb   |
| Rhodium    | 103-1 |           |           |           | 98         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 515.27    | 547.47    | 500.51    | 521.08     | 4.61    | ppb   |
| Selenium   | 78-2  | 519.74    | 503.14    | 503.10    | 508.66     | 1.89    | ppb   |
| Selenium   | 82-1  | 506.12    | 503.90    | 503.13    | 504.38     | 0.31    | ppb   |
| Silicon    | 28-1  | 513.16    | 515.63    | 533.75    | 520.85     | 2.16    | ppb   |
| Silver     | 109-1 | 506.20    | 503.88    | 503.41    | 504.50     | 0.30    | ppb   |
| Silver     | 107-1 | 513.77    | 507.81    | 501.21    | 507.59     | 1.24    | ppb   |
| Sodium     | 23-2  | 252821.43 | 245610.40 | 250598.04 | 249676.62  | 1.48    | ppb   |
| Strontium  | 86-1  | 533.65    | 530.79    | 529.17    | 531.21     | 0.43    | ppb   |
| Strontium  | 88-1  | 524.48    | 524.66    | 521.81    | 523.65     | 0.31    | ppb   |
| Sulfur     | 34-1  | 11049.61  | 11310.08  | 11446.14  | 11268.61   | 1.79    | ppb   |
| Terbium    | 159-1 |           |           |           | 110        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 516.86    | 527.57    | 527.85    | 524.09     | 1.20    | ppb   |
| Thallium   | 205-1 | 511.62    | 523.52    | 523.10    | 519.41     | 1.30    | ppb   |
| Tin        | 118-1 | 526.15    | 521.33    | 505.90    | 517.79     | 2.04    | ppb   |
| Titanium   | 47-1  | 499.03    | 500.49    | 507.50    | 502.34     | 0.90    | ppb   |
| Uranium    | 238-1 | 519.74    | 525.97    | 533.95    | 526.56     | 1.35    | ppb   |
| Vanadium   | 51-2  | 510.08    | 496.20    | 509.52    | 505.27     | 1.56    | ppb   |
| Yttrium    | 89-1  |           |           |           | 103        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 999.91    | 978.38    | 1001.58   | 993.29     | 1.30    | ppb   |
| Zirconium  | 90-1  | 511.77    | 516.90    | 510.42    | 513.03     | 0.67    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV026              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV026              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 12:06:21 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 513.47  | 514.52  | 514.05  | 514.01     | 0.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB026              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB026              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:09:20 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.34   | -0.31   | 0.62    | -0.01      |         | ppb   |
| Antimony   | 121-1 | 0.27    | 0.30    | 0.28    | 0.28       | 4.62    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.08    | 0.00    | 0.05       | 84.16   | ppb   |
| Barium     | 135-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.00    | 0.00       | 168.28  | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.13    | 0.08    | 0.10       | 28.63   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 11-1  | 15.44   | 13.91   | 14.35   | 14.57      | 5.41    | ppb   |
| Boron      | 10-1  | 17.55   | 15.00   | 13.64   | 15.40      | 12.88   | ppb   |
| Cadmium    | 106-1 | -1.55   | -2.50   | -1.31   | -1.79      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.06    | -0.11   | -0.03      |         | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.16   | -0.08   | -0.11      |         | ppb   |
| Calcium    | 43-1  | -5.93   | -0.21   | -3.66   | -3.27      |         | ppb   |
| Calcium    | 44-1  | 14.75   | 13.10   | 11.18   | 13.01      | 13.73   | ppb   |
| Chromium   | 52-2  | -0.01   | 0.00    | 0.11    | 0.03       | 202.41  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.01    | 0.00       | 1550.19 | ppb   |
| Copper     | 63-2  | 0.11    | 0.12    | 0.13    | 0.12       | 8.56    | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 0.83    | 1.38    | 1.00    | 1.07       | 26.24   | ppb   |
| Iron       | 57-2  | 1.03    | 0.81    | 1.07    | 0.97       | 14.17   | ppb   |
| Lead       | 206-1 | 0.06    | 0.05    | 0.03    | 0.05       | 33.40   | ppb   |
| Lead       | 207-1 | 0.03    | 0.05    | 0.05    | 0.04       | 27.74   | ppb   |
| Lead       | 208-1 | 0.05    | 0.04    | 0.06    | 0.05       | 15.30   | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 2.19    | -0.09   | 1.26    | 1.12       | 102.36  | ppb   |
| Manganese  | 55-2  | 0.01    | -0.01   | 0.03    | 0.01       | 238.55  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB026              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB026              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:09:20 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.12    | 0.11    | 0.10    | 0.11       | 9.02    | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.08    | 0.06    | 0.07       | 13.12   | ppb   |
| Molybdenum | 95-1  | 0.14    | 0.10    | 0.09    | 0.11       | 24.96   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.11    | 0.10    | 0.11       | 11.01   | ppb   |
| Molybdenum | 97-1  | 0.18    | 0.11    | 0.08    | 0.12       | 41.32   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.20   | -0.27   | -0.21      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | -15.49  | -2.35   | -11.11     |         | ppb   |
| Potassium  | 39-2  | 32.46   | 33.42   | 30.25   | 32.05      | 5.08    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -2.16   | 4.28    | -2.16   | -0.01      |         | ppb   |
| Selenium   | 78-2  | 1.20    | -0.35   | -0.36   | 0.16       | 545.92  | ppb   |
| Selenium   | 82-1  | 0.37    | 0.13    | 0.49    | 0.33       | 55.84   | ppb   |
| Silicon    | 28-1  | -9.88   | -8.60   | -8.85   | -9.11      |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.04    | 0.05    | 0.04       | 24.80   | ppb   |
| Silver     | 107-1 | 0.05    | 0.06    | 0.04    | 0.05       | 21.94   | ppb   |
| Sodium     | 23-2  | 105.73  | 105.75  | 109.20  | 106.89     | 1.87    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -718.14 | -595.93 | -696.96 | -670.34    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.09    | 0.07    | 0.08       | 18.13   | ppb   |
| Thallium   | 205-1 | 0.10    | 0.08    | 0.08    | 0.09       | 12.35   | ppb   |
| Tin        | 118-1 | 0.02    | 0.06    | 0.05    | 0.04       | 43.04   | ppb   |
| Titanium   | 47-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 14.21   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | -0.01   | 0.00       | 217.04  | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.07    | 0.07    | 0.16    | 0.10       | 50.07   | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.03    | 0.03       | 17.28   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB026              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB026              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:09:20 | DataFile Name :   | 017SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.02    | 0.04       | 39.01   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:12:29 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.83   | 22.80   | 18.13   | 17.59      | 31.31   | ppb   |
| Antimony   | 121-1 | 2.00    | 1.93    | 2.01    | 1.98       | 2.12    | ppb   |
| Arsenic    | 75-2  | 0.86    | 1.08    | 0.97    | 0.97       | 11.35   | ppb   |
| Barium     | 135-1 | 9.33    | 8.94    | 9.12    | 9.13       | 2.11    | ppb   |
| Barium     | 137-1 | 9.03    | 9.13    | 9.01    | 9.06       | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.96    | 0.96    | 0.86    | 0.93       | 6.59    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 11-1  | 28.92   | 29.72   | 29.47   | 29.37      | 1.39    | ppb   |
| Boron      | 10-1  | 30.63   | 30.60   | 29.25   | 30.16      | 2.62    | ppb   |
| Cadmium    | 106-1 | -0.76   | -0.82   | -1.60   | -1.06      |         | ppb   |
| Cadmium    | 108-1 | 0.93    | 0.89    | 0.77    | 0.86       | 9.89    | ppb   |
| Cadmium    | 111-1 | 0.77    | 0.95    | 0.78    | 0.83       | 11.71   | ppb   |
| Calcium    | 43-1  | 448.94  | 428.86  | 445.96  | 441.25     | 2.46    | ppb   |
| Calcium    | 44-1  | 450.16  | 438.17  | 446.51  | 444.94     | 1.38    | ppb   |
| Chromium   | 52-2  | 1.93    | 1.87    | 1.71    | 1.84       | 6.25    | ppb   |
| Cobalt     | 59-2  | 0.97    | 0.91    | 0.93    | 0.94       | 3.46    | ppb   |
| Copper     | 63-2  | 2.01    | 2.10    | 2.15    | 2.09       | 3.18    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 46.50   | 46.97   | 45.70   | 46.39      | 1.39    | ppb   |
| Iron       | 57-2  | 46.91   | 42.03   | 47.67   | 45.53      | 6.73    | ppb   |
| Lead       | 206-1 | 1.13    | 1.13    | 1.10    | 1.12       | 1.70    | ppb   |
| Lead       | 207-1 | 1.12    | 1.07    | 1.10    | 1.10       | 2.35    | ppb   |
| Lead       | 208-1 | 1.15    | 1.12    | 1.12    | 1.13       | 1.43    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 444.37  | 418.71  | 447.66  | 436.91     | 3.63    | ppb   |
| Manganese  | 55-2  | 0.96    | 1.00    | 0.95    | 0.97       | 2.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:12:29 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 4.33    | 4.41    | 4.52    | 4.42       | 2.24    | ppb   |
| Molybdenum | 94-1  | 1.87    | 2.05    | 2.03    | 1.99       | 4.90    | ppb   |
| Molybdenum | 95-1  | 4.24    | 4.43    | 4.52    | 4.40       | 3.26    | ppb   |
| Molybdenum | 96-1  | 3.81    | 3.83    | 3.95    | 3.86       | 1.95    | ppb   |
| Molybdenum | 97-1  | 4.40    | 4.27    | 4.36    | 4.34       | 1.53    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.66    | 0.79    | 0.67    | 0.71       | 10.23   | ppb   |
| Phosphorus | 31-2  | -15.49  | -2.57   | -2.60   | -6.89      |         | ppb   |
| Potassium  | 39-2  | 473.75  | 455.52  | 459.35  | 462.87     | 2.08    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 1.04    | -2.16   | 4.26    | 1.05       | 306.69  | ppb   |
| Selenium   | 78-2  | 4.78    | 4.29    | 9.95    | 6.34       | 49.44   | ppb   |
| Selenium   | 82-1  | 4.92    | 4.71    | 5.40    | 5.01       | 7.04    | ppb   |
| Silicon    | 28-1  | 1.08    | -1.28   | -1.66   | -0.62      |         | ppb   |
| Silver     | 109-1 | 1.31    | 1.32    | 1.35    | 1.33       | 1.76    | ppb   |
| Silver     | 107-1 | 1.27    | 1.24    | 1.38    | 1.30       | 5.92    | ppb   |
| Sodium     | 23-2  | 517.23  | 511.69  | 509.72  | 512.88     | 0.76    | ppb   |
| Strontium  | 86-1  | 0.86    | 0.90    | 0.95    | 0.90       | 5.07    | ppb   |
| Strontium  | 88-1  | 0.90    | 0.93    | 0.93    | 0.92       | 1.98    | ppb   |
| Sulfur     | 34-1  | -663.82 | -541.48 | -415.94 | -540.41    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.92    | 0.99    | 0.96    | 0.96       | 3.94    | ppb   |
| Thallium   | 205-1 | 0.95    | 0.93    | 0.93    | 0.94       | 1.67    | ppb   |
| Tin        | 118-1 | 4.70    | 4.59    | 4.47    | 4.59       | 2.40    | ppb   |
| Titanium   | 47-1  | 4.57    | 4.09    | 4.20    | 4.29       | 5.90    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.87    | 0.88    | 0.88       | 0.31    | ppb   |
| Vanadium   | 51-2  | 4.43    | 4.34    | 4.79    | 4.52       | 5.25    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 1.82    | 2.20    | 2.07    | 2.03       | 9.52    | ppb   |
| Zirconium  | 90-1  | 0.88    | 0.95    | 0.94    | 0.92       | 3.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:12:29 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.89    | 0.88    | 0.90    | 0.89       | 1.12    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV027              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV027              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 13:57:02 | DataFile Name :   | 019CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51456.83  | 51055.87  | 51760.88  | 51424.53   | 0.69    | ppb   |
| Antimony   | 121-1 | 577.17    | 522.95    | 518.82    | 539.65     | 6.03    | ppb   |
| Arsenic    | 75-2  | 500.42    | 498.68    | 492.69    | 497.26     | 0.82    | ppb   |
| Barium     | 135-1 | 2898.73   | 2606.64   | 2577.31   | 2694.23    | 6.60    | ppb   |
| Barium     | 137-1 | 2834.42   | 2592.09   | 2571.52   | 2666.01    | 5.48    | ppb   |
| Beryllium  | 9-1   | 569.24    | 518.54    | 527.61    | 538.47     | 5.02    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 11-1  | 553.33    | 512.32    | 523.72    | 529.79     | 4.00    | ppb   |
| Boron      | 10-1  | 557.60    | 520.98    | 533.02    | 537.20     | 3.47    | ppb   |
| Cadmium    | 106-1 | 564.38    | 506.97    | 507.39    | 526.25     | 6.28    | ppb   |
| Cadmium    | 108-1 | 563.23    | 511.84    | 505.73    | 526.94     | 5.99    | ppb   |
| Cadmium    | 111-1 | 553.94    | 500.36    | 496.18    | 516.83     | 6.23    | ppb   |
| Calcium    | 43-1  | 268991.72 | 249077.38 | 248676.99 | 255582.03  | 4.54    | ppb   |
| Calcium    | 44-1  | 269039.68 | 247720.88 | 247683.16 | 254814.57  | 4.83    | ppb   |
| Chromium   | 52-2  | 500.23    | 501.11    | 504.60    | 501.98     | 0.46    | ppb   |
| Cobalt     | 59-2  | 487.68    | 482.57    | 485.75    | 485.33     | 0.53    | ppb   |
| Copper     | 63-2  | 992.09    | 968.52    | 970.97    | 977.19     | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 124936.22 | 124440.77 | 124735.05 | 124704.01  | 0.20    | ppb   |
| Iron       | 57-2  | 126442.89 | 124534.73 | 126040.33 | 125672.65  | 0.80    | ppb   |
| Lead       | 206-1 | 573.71    | 524.73    | 521.06    | 539.83     | 5.45    | ppb   |
| Lead       | 207-1 | 572.50    | 521.68    | 529.62    | 541.27     | 5.05    | ppb   |
| Lead       | 208-1 | 574.07    | 523.09    | 524.00    | 540.39     | 5.40    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 251976.85 | 251951.94 | 255036.28 | 252988.36  | 0.70    | ppb   |
| Manganese  | 55-2  | 1009.61   | 1013.66   | 1011.70   | 1011.66    | 0.20    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV027              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV027              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 13:57:02 | DataFile Name :   | 019CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 572.78    | 523.29    | 524.53    | 540.20     | 5.22    | ppb   |
| Molybdenum | 94-1  | 572.58    | 529.18    | 528.66    | 543.47     | 4.64    | ppb   |
| Molybdenum | 95-1  | 573.69    | 527.20    | 530.32    | 543.74     | 4.78    | ppb   |
| Molybdenum | 96-1  | 578.52    | 534.55    | 532.59    | 548.55     | 4.73    | ppb   |
| Molybdenum | 97-1  | 571.92    | 522.32    | 530.47    | 541.57     | 4.91    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 486.95    | 482.21    | 487.85    | 485.67     | 0.62    | ppb   |
| Phosphorus | 31-2  | 10835.57  | 10766.69  | 11028.18  | 10876.81   | 1.25    | ppb   |
| Potassium  | 39-2  | 128966.47 | 127475.05 | 128093.66 | 128178.40  | 0.58    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 97         |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 504.50    | 568.76    | 579.45    | 550.90     | 7.36    | ppb   |
| Selenium   | 78-2  | 489.63    | 526.42    | 509.67    | 508.57     | 3.62    | ppb   |
| Selenium   | 82-1  | 560.16    | 521.38    | 511.49    | 531.01     | 4.84    | ppb   |
| Silicon    | 28-1  | 582.95    | 532.80    | 531.63    | 549.13     | 5.33    | ppb   |
| Silver     | 109-1 | 566.88    | 518.09    | 512.06    | 532.34     | 5.65    | ppb   |
| Silver     | 107-1 | 572.22    | 514.56    | 517.08    | 534.62     | 6.10    | ppb   |
| Sodium     | 23-2  | 250950.75 | 249020.27 | 248752.29 | 249574.44  | 0.48    | ppb   |
| Strontium  | 86-1  | 591.82    | 544.61    | 544.12    | 560.19     | 4.89    | ppb   |
| Strontium  | 88-1  | 582.53    | 537.35    | 530.86    | 550.25     | 5.11    | ppb   |
| Sulfur     | 34-1  | 16045.64  | 13329.63  | 13158.83  | 14178.03   | 11.42   | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 583.84    | 526.97    | 525.71    | 545.51     | 6.09    | ppb   |
| Thallium   | 205-1 | 571.25    | 522.09    | 524.71    | 539.35     | 5.13    | ppb   |
| Tin        | 118-1 | 584.81    | 528.32    | 521.00    | 544.71     | 6.41    | ppb   |
| Titanium   | 47-1  | 554.07    | 514.59    | 509.28    | 525.98     | 4.65    | ppb   |
| Uranium    | 238-1 | 580.44    | 533.83    | 535.48    | 549.92     | 4.81    | ppb   |
| Vanadium   | 51-2  | 506.38    | 501.16    | 502.51    | 503.35     | 0.54    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 100        |         | %     |
| Zinc       | 66-2  | 991.58    | 982.79    | 1006.32   | 993.57     | 1.20    | ppb   |
| Zirconium  | 90-1  | 568.66    | 523.19    | 524.23    | 538.69     | 4.82    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV027              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV027              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 13:57:02 | DataFile Name :   | 019CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 573.18  | 524.35  | 530.34  | 542.63     | 4.91    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB027 Instrumnet Name : P8  
 Client Sample ID : CCB027 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 14:00:00 DataFile Name : 020CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.25    | 2.50    | 1.78    | 2.84       | 44.64   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.22    | 0.24    | 0.24       | 10.23   | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.00    | 0.11    | 0.03       | 223.37  | ppb   |
| Barium     | 135-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | -0.01   | 0.00       | 301.52  | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.05    | 0.04    | 0.06       | 40.60   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 11-1  | 10.22   | 9.55    | 8.97    | 9.58       | 6.50    | ppb   |
| Boron      | 10-1  | 12.29   | 11.43   | 8.11    | 10.61      | 20.80   | ppb   |
| Cadmium    | 106-1 | -2.28   | -1.47   | -2.11   | -1.95      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.10   | -0.14   | -0.13      |         | ppb   |
| Calcium    | 43-1  | 11.21   | 15.40   | -5.32   | 7.10       | 154.39  | ppb   |
| Calcium    | 44-1  | -4.14   | -9.85   | -5.46   | -6.48      |         | ppb   |
| Chromium   | 52-2  | -0.08   | -0.07   | -0.03   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.01    | -0.05   | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.51    | 0.60    | 0.79    | 0.63       | 22.55   | ppb   |
| Iron       | 57-2  | 2.88    | 1.34    | 1.04    | 1.75       | 56.36   | ppb   |
| Lead       | 206-1 | 0.06    | 0.04    | 0.04    | 0.05       | 25.85   | ppb   |
| Lead       | 207-1 | 0.04    | 0.02    | 0.05    | 0.03       | 35.96   | ppb   |
| Lead       | 208-1 | 0.05    | 0.04    | 0.04    | 0.04       | 14.65   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1.72    | 3.02    | 2.43    | 2.39       | 27.34   | ppb   |
| Manganese  | 55-2  | -0.03   | 0.05    | 0.02    | 0.01       | 316.83  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB027              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB027              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:00:00 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.08    | 0.05    | 0.05    | 0.06       | 26.43   | ppb   |
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.05    | 0.06       | 9.05    | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.06    | 0.05    | 0.05       | 12.71   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.06    | 0.04    | 0.07       | 32.90   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.06    | 0.02    | 0.05       | 50.69   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.30   | -0.25   | -0.27   | -0.27      |         | ppb   |
| Phosphorus | 31-2  | 23.10   | -2.37   | 12.35   | 11.03      | 115.95  | ppb   |
| Potassium  | 39-2  | 18.89   | 2.78    | 23.29   | 14.99      | 72.07   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | -0.36   | -0.35   | -0.32   | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.42    | -0.18   | 0.14    | 0.13       | 239.20  | ppb   |
| Silicon    | 28-1  | -11.45  | -14.74  | -14.32  | -13.51     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.01       | 30.51   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 44.93   | ppb   |
| Sodium     | 23-2  | 53.73   | 55.38   | 57.55   | 55.55      | 3.45    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.02    | 0.00    | 0.02       | 113.71  | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -518.06 | -468.15 | -311.69 | -432.63    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.11    | 0.13    | 0.09    | 0.11       | 14.58   | ppb   |
| Thallium   | 205-1 | 0.12    | 0.11    | 0.11    | 0.11       | 3.28    | ppb   |
| Tin        | 118-1 | 0.04    | 0.04    | 0.05    | 0.04       | 8.92    | ppb   |
| Titanium   | 47-1  | -0.06   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 88.25   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.01    | 0.00       | 120.37  | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.13    | -0.05   | -0.07   | 0.00       | 2853.08 | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.06    | 0.04    | 0.04       | 24.62   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB027              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB027              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:00:00 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.07    | 0.05       | 32.42   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : PB101593BL Instrumnet Name : P8  
 Client Sample ID : PBW007 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 14:03:08 DataFile Name : 021CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.59    | -2.21   | -0.32   | -0.65      |         | ppb   |
| Antimony   | 121-1 | 0.07    | 0.09    | 0.07    | 0.08       | 12.01   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.04   | -0.03   | -0.01   | -0.03      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.01    | 0.01    | 0.02       | 99.85   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 4.52    | 4.85    | 4.46    | 4.61       | 4.50    | ppb   |
| Boron      | 10-1  | 5.19    | 4.28    | 3.65    | 4.37       | 17.78   | ppb   |
| Cadmium    | 106-1 | -1.28   | -1.15   | -2.07   | -1.50      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.02   | -0.08   | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.08   | -0.15   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 8.71    | 15.16   | -6.75   | 5.71       | 197.25  | ppb   |
| Calcium    | 44-1  | -6.51   | -5.08   | 1.76    | -3.28      |         | ppb   |
| Chromium   | 52-2  | -0.05   | -0.10   | -0.02   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.03   | -0.04   | -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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 0.02    | -0.08   | 0.39    | 0.11       | 229.14  | ppb   |
| Iron       | 57-2  | -0.35   | 2.91    | -0.31   | 0.75       | 250.76  | ppb   |
| Lead       | 206-1 | 0.01    | 0.02    | 0.01    | 0.01       | 19.77   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.02    | 0.02       | 19.70   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 19.22   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | -1.13   | 0.97    | 1.27    | 0.37       | 354.69  | ppb   |
| Manganese  | 55-2  | 0.02    | -0.04   | -0.04   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:03:08 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.01    | 0.01       | 84.64   | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 12.31   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.02    | 0.01       | 79.29   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.01    | 0.02       | 31.27   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01    | 0.02    | 0.01       | 54.46   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.30   | -0.26   | -0.29   | -0.28      |         | ppb   |
| Phosphorus | 31-2  | 10.53   | -2.58   | -2.32   | 1.88       | 399.57  | ppb   |
| Potassium  | 39-2  | -9.05   | 9.83    | 3.96    | 1.58       | 610.52  | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 1.03    | -2.16   | -2.16   | -1.09      |         | ppb   |
| Selenium   | 78-2  | 0.67    | -0.87   | -0.87   | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.78    | -0.26   | -0.03   | 0.16       | 333.99  | ppb   |
| Silicon    | 28-1  | -15.92  | -15.88  | -13.26  | -15.02     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 45.48   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 142.70  | ppb   |
| Sodium     | 23-2  | 31.72   | 35.59   | 35.70   | 34.34      | 6.60    | ppb   |
| Strontium  | 86-1  | -0.01   | -0.05   | 0.03    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -555.47 | -437.69 | -339.25 | -444.14    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.03    | 0.02       | 39.53   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.03    | 0.04    | 0.03       | 10.47   | ppb   |
| Tin        | 118-1 | -0.06   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | -0.03   | 0.01    | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.02    | 0.01    | 0.01       | 13.29   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.03    | -0.15   | -0.05   | -0.06      |         | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 24.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:03:08 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.02    | 0.01       | 283.25  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:06:15 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 29.50   | 36.94   | 29.91   | 32.12      | 13.03   | ppb   |
| Antimony   | 121-1 | 4.03    | 4.15    | 4.11    | 4.10       | 1.54    | ppb   |
| Arsenic    | 75-2  | 2.05    | 2.20    | 2.28    | 2.18       | 5.31    | ppb   |
| Barium     | 135-1 | 19.30   | 19.99   | 19.40   | 19.56      | 1.91    | ppb   |
| Barium     | 137-1 | 19.19   | 19.84   | 19.87   | 19.64      | 1.97    | ppb   |
| Beryllium  | 9-1   | 2.15    | 2.06    | 2.01    | 2.07       | 3.32    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 11-1  | 46.47   | 47.56   | 48.29   | 47.44      | 1.94    | ppb   |
| Boron      | 10-1  | 44.77   | 48.86   | 47.71   | 47.11      | 4.47    | ppb   |
| Cadmium    | 106-1 | 0.08    | 0.20    | 0.36    | 0.21       | 67.11   | ppb   |
| Cadmium    | 108-1 | 2.34    | 2.37    | 1.63    | 2.12       | 19.68   | ppb   |
| Cadmium    | 111-1 | 1.91    | 2.02    | 1.88    | 1.94       | 3.71    | ppb   |
| Calcium    | 43-1  | 894.04  | 939.38  | 952.82  | 928.75     | 3.32    | ppb   |
| Calcium    | 44-1  | 911.36  | 939.08  | 923.84  | 924.76     | 1.50    | ppb   |
| Chromium   | 52-2  | 3.69    | 3.92    | 3.87    | 3.83       | 3.09    | ppb   |
| Cobalt     | 59-2  | 2.01    | 1.95    | 1.97    | 1.98       | 1.47    | ppb   |
| Copper     | 63-2  | 4.08    | 4.15    | 4.06    | 4.10       | 1.05    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 394.58  | 391.26  | 383.83  | 389.89     | 1.41    | ppb   |
| Iron       | 57-2  | 400.69  | 373.79  | 375.47  | 383.32     | 3.93    | ppb   |
| Lead       | 206-1 | 2.37    | 2.40    | 2.30    | 2.35       | 2.14    | ppb   |
| Lead       | 207-1 | 2.27    | 2.31    | 2.28    | 2.29       | 0.94    | ppb   |
| Lead       | 208-1 | 2.32    | 2.36    | 2.29    | 2.32       | 1.40    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 972.32  | 968.35  | 920.64  | 953.77     | 3.02    | ppb   |
| Manganese  | 55-2  | 2.06    | 1.94    | 2.17    | 2.06       | 5.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:06:15 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 9.56    | 9.46    | 9.47    | 9.50       | 0.62    | ppb   |
| Molybdenum | 94-1  | 4.29    | 4.17    | 4.27    | 4.24       | 1.64    | ppb   |
| Molybdenum | 95-1  | 9.18    | 9.35    | 9.24    | 9.26       | 0.98    | ppb   |
| Molybdenum | 96-1  | 8.18    | 8.33    | 8.24    | 8.25       | 0.97    | ppb   |
| Molybdenum | 97-1  | 9.29    | 9.53    | 9.35    | 9.39       | 1.35    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.79    | 1.66    | 1.57    | 1.67       | 6.45    | ppb   |
| Phosphorus | 31-2  | -2.48   | -2.49   | -15.49  | -6.82      |         | ppb   |
| Potassium  | 39-2  | 1016.14 | 971.18  | 963.04  | 983.45     | 2.91    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 10.63   | 13.97   | 17.15   | 13.92      | 23.40   | ppb   |
| Selenium   | 78-2  | 6.84    | 10.53   | 7.40    | 8.26       | 24.09   | ppb   |
| Selenium   | 82-1  | 10.90   | 10.39   | 10.23   | 10.51      | 3.31    | ppb   |
| Silicon    | 28-1  | 7.05    | 9.08    | 9.45    | 8.53       | 15.20   | ppb   |
| Silver     | 109-1 | 2.10    | 2.10    | 2.06    | 2.09       | 1.20    | ppb   |
| Silver     | 107-1 | 2.11    | 2.22    | 2.12    | 2.15       | 2.73    | ppb   |
| Sodium     | 23-2  | 982.90  | 982.51  | 952.74  | 972.72     | 1.78    | ppb   |
| Strontium  | 86-1  | 2.05    | 2.03    | 2.10    | 2.06       | 1.71    | ppb   |
| Strontium  | 88-1  | 1.97    | 2.00    | 1.95    | 1.97       | 1.28    | ppb   |
| Sulfur     | 34-1  | -349.60 | 35.68   | -382.11 | -232.01    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 1.86    | 2.00    | 2.01    | 1.96       | 4.39    | ppb   |
| Thallium   | 205-1 | 1.95    | 2.00    | 2.01    | 1.99       | 1.46    | ppb   |
| Tin        | 118-1 | 9.78    | 10.00   | 9.68    | 9.82       | 1.63    | ppb   |
| Titanium   | 47-1  | 9.88    | 9.20    | 9.31    | 9.46       | 3.86    | ppb   |
| Uranium    | 238-1 | 1.87    | 1.88    | 1.82    | 1.86       | 1.63    | ppb   |
| Vanadium   | 51-2  | 9.51    | 9.63    | 9.39    | 9.51       | 1.27    | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 4.12    | 4.16    | 3.66    | 3.98       | 7.02    | ppb   |
| Zirconium  | 90-1  | 1.91    | 1.92    | 1.87    | 1.90       | 1.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:06:15 | DataFile Name :   | 022LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.96    | 1.91    | 1.86    | 1.91       | 2.50    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01RE          | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:13:30 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 493.17   | 530.65   | 496.06   | 506.63     | 4.12    | ppb   |
| Antimony   | 121-1 | 0.89     | 0.89     | 0.85     | 0.88       | 2.31    | ppb   |
| Arsenic    | 75-2  | 3.10     | 3.02     | 2.79     | 2.97       | 5.45    | ppb   |
| Barium     | 135-1 | 116.50   | 117.39   | 116.30   | 116.73     | 0.50    | ppb   |
| Barium     | 137-1 | 117.12   | 116.91   | 115.20   | 116.41     | 0.91    | ppb   |
| Beryllium  | 9-1   | 0.08     | 0.11     | 0.05     | 0.08       | 35.20   | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 11-1  | 61.74    | 61.66    | 61.07    | 61.49      | 0.59    | ppb   |
| Boron      | 10-1  | 61.76    | 64.00    | 65.41    | 63.72      | 2.89    | ppb   |
| Cadmium    | 106-1 | -2.25    | -0.66    | -2.60    | -1.84      |         | ppb   |
| Cadmium    | 108-1 | 0.36     | 0.37     | 0.20     | 0.31       | 32.00   | ppb   |
| Cadmium    | 111-1 | -0.04    | 0.09     | -0.07    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 71654.10 | 69620.75 | 69567.00 | 70280.62   | 1.69    | ppb   |
| Calcium    | 44-1  | 71119.74 | 69419.55 | 68433.37 | 69657.55   | 1.95    | ppb   |
| Chromium   | 52-2  | 2.30     | 2.19     | 2.22     | 2.24       | 2.58    | ppb   |
| Cobalt     | 59-2  | 0.75     | 0.77     | 0.71     | 0.75       | 4.00    | ppb   |
| Copper     | 63-2  | 12.23    | 12.28    | 12.32    | 12.28      | 0.36    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 2444.25  | 2456.13  | 2478.15  | 2459.51    | 0.70    | ppb   |
| Iron       | 57-2  | 2400.44  | 2389.71  | 2449.41  | 2413.19    | 1.32    | ppb   |
| Lead       | 206-1 | 4.44     | 4.27     | 4.16     | 4.29       | 3.22    | ppb   |
| Lead       | 207-1 | 3.96     | 3.77     | 3.88     | 3.87       | 2.52    | ppb   |
| Lead       | 208-1 | 4.16     | 4.03     | 3.98     | 4.06       | 2.33    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 17933.92 | 18059.00 | 18188.97 | 18060.63   | 0.71    | ppb   |
| Manganese  | 55-2  | 171.03   | 173.75   | 175.11   | 173.30     | 1.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01RE          | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:13:30 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 3.76      | 3.61      | 3.76      | 3.71       | 2.29    | ppb   |
| Molybdenum | 94-1  | 1.98      | 2.08      | 1.93      | 2.00       | 3.83    | ppb   |
| Molybdenum | 95-1  | 3.62      | 3.75      | 3.74      | 3.70       | 2.06    | ppb   |
| Molybdenum | 96-1  | 3.28      | 3.37      | 3.27      | 3.31       | 1.61    | ppb   |
| Molybdenum | 97-1  | 3.57      | 3.57      | 3.69      | 3.61       | 2.02    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.95      | 3.02      | 2.99      | 2.99       | 1.15    | ppb   |
| Phosphorus | 31-2  | 57.25     | 95.63     | 132.93    | 95.27      | 39.72   | ppb   |
| Potassium  | 39-2  | 6556.42   | 6680.07   | 6623.21   | 6619.90    | 0.93    | ppb   |
| Rhodium    | 103-1 |           |           |           | 101        |         | %     |
| Rhodium    | 103-2 |           |           |           | 106        |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 108        |         | %     |
| Selenium   | 77-2  | 3.83      | 0.87      | 0.87      | 1.85       | 92.19   | ppb   |
| Selenium   | 78-2  | 2.49      | 3.51      | 2.05      | 2.68       | 27.96   | ppb   |
| Selenium   | 82-1  | 1.49      | 1.08      | 1.34      | 1.31       | 15.68   | ppb   |
| Silicon    | 28-1  | 4133.99   | 4072.26   | 4011.30   | 4072.52    | 1.51    | ppb   |
| Silver     | 109-1 | 0.32      | 0.37      | 0.36      | 0.35       | 7.61    | ppb   |
| Silver     | 107-1 | 0.34      | 0.36      | 0.38      | 0.36       | 5.10    | ppb   |
| Sodium     | 23-2  | 135889.32 | 136275.87 | 135712.86 | 135959.35  | 0.21    | ppb   |
| Strontium  | 86-1  | 181.43    | 180.21    | 176.32    | 179.32     | 1.49    | ppb   |
| Strontium  | 88-1  | 183.39    | 181.92    | 180.20    | 181.84     | 0.88    | ppb   |
| Sulfur     | 34-1  | 11886.36  | 11642.03  | 11511.16  | 11679.85   | 1.63    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 109        |         | %     |
| Thallium   | 203-1 | 0.08      | 0.08      | 0.09      | 0.08       | 6.80    | ppb   |
| Thallium   | 205-1 | 0.09      | 0.08      | 0.08      | 0.08       | 7.92    | ppb   |
| Tin        | 118-1 | 0.47      | 0.48      | 0.53      | 0.49       | 6.80    | ppb   |
| Titanium   | 47-1  | 12.34     | 10.08     | 12.05     | 11.49      | 10.71   | ppb   |
| Uranium    | 238-1 | 0.46      | 0.48      | 0.46      | 0.47       | 2.57    | ppb   |
| Vanadium   | 51-2  | 3.13      | 3.29      | 3.44      | 3.29       | 4.71    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 108        |         | %     |
| Zinc       | 66-2  | 128.58    | 133.68    | 131.27    | 131.18     | 1.95    | ppb   |
| Zirconium  | 90-1  | 1.19      | 1.21      | 1.38      | 1.26       | 8.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01RE          | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:13:30 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.20    | 1.13    | 1.05    | 1.13       | 6.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:17:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 508.73   | 513.43   | 501.19   | 507.78     | 1.22    | ppb   |
| Antimony   | 121-1 | 0.80     | 0.76     | 0.81     | 0.79       | 3.41    | ppb   |
| Arsenic    | 75-2  | 3.13     | 2.93     | 2.47     | 2.84       | 11.86   | ppb   |
| Barium     | 135-1 | 117.35   | 114.83   | 116.53   | 116.24     | 1.11    | ppb   |
| Barium     | 137-1 | 117.71   | 113.25   | 116.89   | 115.95     | 2.05    | ppb   |
| Beryllium  | 9-1   | 0.16     | 0.05     | 0.05     | 0.09       | 69.77   | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 11-1  | 60.37    | 61.17    | 60.91    | 60.82      | 0.67    | ppb   |
| Boron      | 10-1  | 62.82    | 57.64    | 62.78    | 61.08      | 4.87    | ppb   |
| Cadmium    | 106-1 | -1.38    | -1.29    | -0.95    | -1.21      |         | ppb   |
| Cadmium    | 108-1 | 0.41     | 0.35     | 0.14     | 0.30       | 47.27   | ppb   |
| Cadmium    | 111-1 | 0.01     | 0.02     | 0.03     | 0.02       | 57.98   | ppb   |
| Calcium    | 43-1  | 70337.54 | 68932.83 | 69614.78 | 69628.38   | 1.01    | ppb   |
| Calcium    | 44-1  | 69164.62 | 68664.94 | 69598.36 | 69142.64   | 0.68    | ppb   |
| Chromium   | 52-2  | 2.11     | 2.36     | 2.41     | 2.29       | 6.86    | ppb   |
| Cobalt     | 59-2  | 0.72     | 0.72     | 0.74     | 0.73       | 2.17    | ppb   |
| Copper     | 63-2  | 12.53    | 12.48    | 12.61    | 12.54      | 0.50    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 108        |         | %     |
| Iron       | 56-2  | 2505.52  | 2489.51  | 2506.30  | 2500.44    | 0.38    | ppb   |
| Iron       | 57-2  | 2481.55  | 2416.52  | 2398.99  | 2432.35    | 1.79    | ppb   |
| Lead       | 206-1 | 4.24     | 4.16     | 4.04     | 4.15       | 2.36    | ppb   |
| Lead       | 207-1 | 3.78     | 3.72     | 3.61     | 3.70       | 2.28    | ppb   |
| Lead       | 208-1 | 4.00     | 3.94     | 3.90     | 3.95       | 1.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 17983.31 | 17956.25 | 18063.63 | 18001.06   | 0.31    | ppb   |
| Manganese  | 55-2  | 177.47   | 176.59   | 177.34   | 177.13     | 0.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:17:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 3.68      | 3.64      | 3.72      | 3.68       | 1.14    | ppb   |
| Molybdenum | 94-1  | 1.91      | 1.89      | 1.91      | 1.91       | 0.53    | ppb   |
| Molybdenum | 95-1  | 3.69      | 3.67      | 3.77      | 3.71       | 1.34    | ppb   |
| Molybdenum | 96-1  | 3.20      | 3.25      | 3.22      | 3.22       | 0.80    | ppb   |
| Molybdenum | 97-1  | 3.56      | 3.67      | 3.95      | 3.72       | 5.41    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 3.03      | 2.93      | 3.07      | 3.01       | 2.28    | ppb   |
| Phosphorus | 31-2  | 155.36    | 144.63    | 45.89     | 115.30     | 52.34   | ppb   |
| Potassium  | 39-2  | 6696.94   | 6654.17   | 6601.47   | 6650.86    | 0.72    | ppb   |
| Rhodium    | 103-1 |           |           |           | 105        |         | %     |
| Rhodium    | 103-2 |           |           |           | 107        |         | %     |
| Scandium   | 45-1  |           |           |           | 108        |         | %     |
| Scandium   | 45-2  |           |           |           | 108        |         | %     |
| Selenium   | 77-2  | 9.60      | 0.82      | -2.16     | 2.75       | 221.76  | ppb   |
| Selenium   | 78-2  | 1.49      | 1.53      | 0.09      | 1.04       | 79.41   | ppb   |
| Selenium   | 82-1  | 0.93      | 1.02      | 1.12      | 1.02       | 9.09    | ppb   |
| Silicon    | 28-1  | 3992.16   | 3985.43   | 4040.87   | 4006.16    | 0.76    | ppb   |
| Silver     | 109-1 | 0.28      | 0.29      | 0.33      | 0.30       | 7.77    | ppb   |
| Silver     | 107-1 | 0.30      | 0.29      | 0.27      | 0.29       | 4.09    | ppb   |
| Sodium     | 23-2  | 136471.66 | 136391.32 | 135791.80 | 136218.26  | 0.27    | ppb   |
| Strontium  | 86-1  | 175.12    | 175.80    | 178.11    | 176.34     | 0.89    | ppb   |
| Strontium  | 88-1  | 179.51    | 178.20    | 180.68    | 179.46     | 0.69    | ppb   |
| Sulfur     | 34-1  | 10946.46  | 10932.86  | 11342.82  | 11074.05   | 2.10    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 111        |         | %     |
| Thallium   | 203-1 | 0.06      | 0.03      | 0.06      | 0.05       | 39.16   | ppb   |
| Thallium   | 205-1 | 0.05      | 0.05      | 0.04      | 0.04       | 11.01   | ppb   |
| Tin        | 118-1 | 0.37      | 0.35      | 0.35      | 0.36       | 2.15    | ppb   |
| Titanium   | 47-1  | 12.03     | 11.50     | 11.29     | 11.61      | 3.27    | ppb   |
| Uranium    | 238-1 | 0.47      | 0.45      | 0.45      | 0.46       | 2.27    | ppb   |
| Vanadium   | 51-2  | 3.28      | 3.54      | 3.18      | 3.33       | 5.46    | ppb   |
| Yttrium    | 89-1  |           |           |           | 108        |         | %     |
| Yttrium    | 89-2  |           |           |           | 110        |         | %     |
| Zinc       | 66-2  | 133.79    | 136.23    | 135.30    | 135.11     | 0.91    | ppb   |
| Zirconium  | 90-1  | 1.22      | 1.13      | 1.14      | 1.16       | 4.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:17:41 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.18    | 1.14    | 1.21    | 1.18       | 2.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:20:48 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 540.74   | 510.71   | 490.96   | 514.14     | 4.88    | ppb   |
| Antimony   | 121-1 | 0.78     | 0.84     | 0.77     | 0.80       | 4.57    | ppb   |
| Arsenic    | 75-2  | 3.34     | 3.06     | 2.65     | 3.02       | 11.61   | ppb   |
| Barium     | 135-1 | 115.26   | 114.57   | 115.76   | 115.20     | 0.52    | ppb   |
| Barium     | 137-1 | 116.14   | 115.33   | 116.99   | 116.15     | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.10     | 0.06     | 0.06     | 0.07       | 31.80   | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 11-1  | 58.33    | 61.18    | 62.52    | 60.67      | 3.52    | ppb   |
| Boron      | 10-1  | 60.05    | 61.77    | 60.42    | 60.75      | 1.49    | ppb   |
| Cadmium    | 106-1 | -1.42    | -1.09    | -1.69    | -1.40      |         | ppb   |
| Cadmium    | 108-1 | 0.33     | 0.08     | 0.36     | 0.26       | 59.04   | ppb   |
| Cadmium    | 111-1 | 0.00     | 0.03     | -0.02    | 0.00       | 897.09  | ppb   |
| Calcium    | 43-1  | 70249.08 | 70792.97 | 69658.53 | 70233.53   | 0.81    | ppb   |
| Calcium    | 44-1  | 68655.85 | 69079.02 | 68092.08 | 68608.98   | 0.72    | ppb   |
| Chromium   | 52-2  | 2.44     | 2.49     | 2.24     | 2.39       | 5.38    | ppb   |
| Cobalt     | 59-2  | 0.77     | 0.76     | 0.71     | 0.74       | 4.40    | ppb   |
| Copper     | 63-2  | 12.05    | 12.29    | 12.03    | 12.12      | 1.16    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 109        |         | %     |
| Iron       | 56-2  | 2472.56  | 2473.78  | 2408.05  | 2451.46    | 1.53    | ppb   |
| Iron       | 57-2  | 2427.20  | 2426.16  | 2458.76  | 2437.37    | 0.76    | ppb   |
| Lead       | 206-1 | 4.08     | 4.12     | 4.23     | 4.14       | 1.82    | ppb   |
| Lead       | 207-1 | 3.62     | 3.61     | 3.73     | 3.65       | 1.81    | ppb   |
| Lead       | 208-1 | 3.82     | 3.89     | 3.95     | 3.89       | 1.58    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 17815.52 | 17771.34 | 17636.10 | 17740.99   | 0.53    | ppb   |
| Manganese  | 55-2  | 173.35   | 173.35   | 173.31   | 173.34     | 0.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:20:48 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 3.75      | 3.66      | 3.66      | 3.69       | 1.50    | ppb   |
| Molybdenum | 94-1  | 1.92      | 1.79      | 1.91      | 1.87       | 3.70    | ppb   |
| Molybdenum | 95-1  | 3.63      | 3.60      | 3.65      | 3.63       | 0.67    | ppb   |
| Molybdenum | 96-1  | 3.30      | 3.11      | 3.16      | 3.19       | 3.08    | ppb   |
| Molybdenum | 97-1  | 3.79      | 3.53      | 3.56      | 3.63       | 3.94    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 3.13      | 2.97      | 2.85      | 2.98       | 4.74    | ppb   |
| Phosphorus | 31-2  | 166.29    | 33.51     | 164.92    | 121.57     | 62.73   | ppb   |
| Potassium  | 39-2  | 6660.62   | 6644.05   | 6560.21   | 6621.63    | 0.81    | ppb   |
| Rhodium    | 103-1 |           |           |           | 104        |         | %     |
| Rhodium    | 103-2 |           |           |           | 107        |         | %     |
| Scandium   | 45-1  |           |           |           | 108        |         | %     |
| Scandium   | 45-2  |           |           |           | 110        |         | %     |
| Selenium   | 77-2  | 0.78      | 0.81      | 6.72      | 2.77       | 123.50  | ppb   |
| Selenium   | 78-2  | -0.87     | -0.87     | 2.93      | 0.40       | 549.40  | ppb   |
| Selenium   | 82-1  | 0.36      | 0.73      | 1.19      | 0.76       | 54.84   | ppb   |
| Silicon    | 28-1  | 3978.23   | 4071.15   | 3955.69   | 4001.69    | 1.53    | ppb   |
| Silver     | 109-1 | 0.22      | 0.21      | 0.24      | 0.23       | 7.26    | ppb   |
| Silver     | 107-1 | 0.24      | 0.21      | 0.21      | 0.22       | 7.37    | ppb   |
| Sodium     | 23-2  | 135656.38 | 135053.16 | 133936.92 | 134882.15  | 0.65    | ppb   |
| Strontium  | 86-1  | 178.03    | 175.08    | 176.39    | 176.50     | 0.84    | ppb   |
| Strontium  | 88-1  | 178.20    | 177.00    | 177.33    | 177.51     | 0.35    | ppb   |
| Sulfur     | 34-1  | 10661.92  | 10772.84  | 10568.66  | 10667.81   | 0.96    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 111        |         | %     |
| Thallium   | 203-1 | 0.03      | 0.04      | 0.02      | 0.03       | 29.85   | ppb   |
| Thallium   | 205-1 | 0.03      | 0.04      | 0.04      | 0.03       | 19.90   | ppb   |
| Tin        | 118-1 | 0.24      | 0.25      | 0.27      | 0.26       | 5.73    | ppb   |
| Titanium   | 47-1  | 11.52     | 10.80     | 10.65     | 10.99      | 4.23    | ppb   |
| Uranium    | 238-1 | 0.43      | 0.47      | 0.46      | 0.45       | 4.76    | ppb   |
| Vanadium   | 51-2  | 3.51      | 3.25      | 3.51      | 3.42       | 4.40    | ppb   |
| Yttrium    | 89-1  |           |           |           | 108        |         | %     |
| Yttrium    | 89-2  |           |           |           | 110        |         | %     |
| Zinc       | 66-2  | 130.92    | 129.01    | 127.98    | 129.30     | 1.15    | ppb   |
| Zirconium  | 90-1  | 1.15      | 1.09      | 1.11      | 1.11       | 2.79    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:20:48 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.32    | 1.10    | 1.04    | 1.15       | 12.69   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4722-01LX5 Instrumnet Name : P8  
 Client Sample ID : ME7GE2L Dilution Factor : 5  
 Date & Time Acquired :: 2017-08-16 14:23:55 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 86.09    | 116.49   | 90.38    | 97.66      | 16.85   | ppb   |
| Antimony   | 121-1 | 0.17     | 0.14     | 0.14     | 0.15       | 12.79   | ppb   |
| Arsenic    | 75-2  | 0.58     | 0.46     | 0.60     | 0.54       | 13.97   | ppb   |
| Barium     | 135-1 | 22.61    | 22.63    | 22.67    | 22.64      | 0.13    | ppb   |
| Barium     | 137-1 | 22.93    | 22.80    | 22.39    | 22.71      | 1.24    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.00     | 0.00     | 0.01       | 107.54  | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 11-1  | 14.00    | 15.31    | 14.79    | 14.70      | 4.48    | ppb   |
| Boron      | 10-1  | 14.11    | 14.65    | 14.55    | 14.44      | 1.98    | ppb   |
| Cadmium    | 106-1 | -1.59    | -2.85    | -1.87    | -2.10      |         | ppb   |
| Cadmium    | 108-1 | -0.05    | 0.01     | 0.12     | 0.02       | 362.13  | ppb   |
| Cadmium    | 111-1 | -0.08    | -0.17    | -0.12    | -0.12      |         | ppb   |
| Calcium    | 43-1  | 13576.95 | 13600.03 | 13572.02 | 13583.00   | 0.11    | ppb   |
| Calcium    | 44-1  | 13611.94 | 13597.91 | 13663.52 | 13624.46   | 0.25    | ppb   |
| Chromium   | 52-2  | 0.37     | 0.43     | 0.54     | 0.45       | 18.97   | ppb   |
| Cobalt     | 59-2  | 0.15     | 0.14     | 0.12     | 0.14       | 9.87    | ppb   |
| Copper     | 63-2  | 2.52     | 2.64     | 2.67     | 2.61       | 3.10    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 477.06   | 483.64   | 478.08   | 479.60     | 0.74    | ppb   |
| Iron       | 57-2  | 487.59   | 505.39   | 466.41   | 486.46     | 4.01    | ppb   |
| Lead       | 206-1 | 0.91     | 0.82     | 0.82     | 0.85       | 6.10    | ppb   |
| Lead       | 207-1 | 0.71     | 0.69     | 0.69     | 0.70       | 1.24    | ppb   |
| Lead       | 208-1 | 0.77     | 0.76     | 0.76     | 0.76       | 1.15    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 3489.45  | 3528.32  | 3476.24  | 3498.00    | 0.77    | ppb   |
| Manganese  | 55-2  | 34.30    | 35.30    | 34.56    | 34.72      | 1.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 14:23:55 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.69     | 0.76     | 0.72     | 0.72       | 5.07    | ppb   |
| Molybdenum | 94-1  | 0.37     | 0.40     | 0.39     | 0.38       | 3.84    | ppb   |
| Molybdenum | 95-1  | 0.79     | 0.70     | 0.70     | 0.73       | 7.00    | ppb   |
| Molybdenum | 96-1  | 0.60     | 0.64     | 0.69     | 0.64       | 6.63    | ppb   |
| Molybdenum | 97-1  | 0.64     | 0.77     | 0.72     | 0.71       | 9.31    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.46     | 0.36     | 0.24     | 0.35       | 30.46   | ppb   |
| Phosphorus | 31-2  | 9.92     | -2.66    | -2.70    | 1.52       | 479.24  | ppb   |
| Potassium  | 39-2  | 1330.56  | 1294.15  | 1283.54  | 1302.75    | 1.89    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | -2.16    | 0.93     | -2.16    | -1.13      |         | ppb   |
| Selenium   | 78-2  | -0.37    | 1.12     | 1.14     | 0.63       | 138.09  | ppb   |
| Selenium   | 82-1  | 0.01     | 0.50     | 0.12     | 0.21       | 123.53  | ppb   |
| Silicon    | 28-1  | 770.81   | 757.24   | 765.75   | 764.60     | 0.90    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.10     | 0.09       | 6.98    | ppb   |
| Silver     | 107-1 | 0.09     | 0.10     | 0.08     | 0.09       | 8.12    | ppb   |
| Sodium     | 23-2  | 26671.57 | 26870.86 | 26405.15 | 26649.19   | 0.88    | ppb   |
| Strontium  | 86-1  | 34.72    | 34.60    | 34.86    | 34.73      | 0.38    | ppb   |
| Strontium  | 88-1  | 34.94    | 34.96    | 35.50    | 35.13      | 0.91    | ppb   |
| Sulfur     | 34-1  | 1554.65  | 1607.27  | 1623.21  | 1595.04    | 2.25    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 32.69   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 32.16   | ppb   |
| Tin        | 118-1 | 0.01     | -0.03    | -0.05    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 4.58     | 2.36     | 2.05     | 3.00       | 45.96   | ppb   |
| Uranium    | 238-1 | 0.08     | 0.09     | 0.09     | 0.09       | 7.82    | ppb   |
| Vanadium   | 51-2  | 0.66     | 0.72     | 0.64     | 0.67       | 5.93    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 26.26    | 26.16    | 26.10    | 26.17      | 0.30    | ppb   |
| Zirconium  | 90-1  | 0.21     | 0.18     | 0.23     | 0.21       | 11.48   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 14:23:55 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.21    | 0.20    | 0.21    | 0.21       | 1.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:27:03 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2245.99  | 2379.16  | 2350.10  | 2325.09    | 3.01    | ppb   |
| Antimony   | 121-1 | 102.30   | 101.59   | 102.75   | 102.21     | 0.57    | ppb   |
| Arsenic    | 75-2  | 40.78    | 40.29    | 40.78    | 40.62      | 0.70    | ppb   |
| Barium     | 135-1 | 2133.74  | 2125.75  | 2161.03  | 2140.17    | 0.86    | ppb   |
| Barium     | 137-1 | 2117.97  | 2107.73  | 2107.10  | 2110.93    | 0.29    | ppb   |
| Beryllium  | 9-1   | 48.75    | 49.00    | 48.39    | 48.71      | 0.63    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 11-1  | 58.11    | 58.62    | 59.88    | 58.87      | 1.55    | ppb   |
| Boron      | 10-1  | 58.78    | 58.47    | 60.68    | 59.31      | 2.02    | ppb   |
| Cadmium    | 106-1 | 45.69    | 42.68    | 43.48    | 43.95      | 3.56    | ppb   |
| Cadmium    | 108-1 | 48.05    | 47.38    | 48.74    | 48.06      | 1.41    | ppb   |
| Cadmium    | 111-1 | 50.76    | 49.88    | 50.38    | 50.34      | 0.88    | ppb   |
| Calcium    | 43-1  | 69262.69 | 70436.44 | 69312.08 | 69670.40   | 0.95    | ppb   |
| Calcium    | 44-1  | 68768.10 | 69946.14 | 68207.90 | 68974.04   | 1.29    | ppb   |
| Chromium   | 52-2  | 196.30   | 194.09   | 197.34   | 195.91     | 0.85    | ppb   |
| Cobalt     | 59-2  | 482.52   | 484.42   | 488.57   | 485.17     | 0.64    | ppb   |
| Copper     | 63-2  | 255.34   | 257.26   | 256.37   | 256.32     | 0.37    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 108        |         | %     |
| Iron       | 56-2  | 3447.17  | 3445.26  | 3469.08  | 3453.84    | 0.38    | ppb   |
| Iron       | 57-2  | 3421.33  | 3373.90  | 3359.06  | 3384.76    | 0.96    | ppb   |
| Lead       | 206-1 | 24.19    | 23.62    | 23.26    | 23.69      | 1.97    | ppb   |
| Lead       | 207-1 | 22.76    | 22.60    | 22.62    | 22.66      | 0.39    | ppb   |
| Lead       | 208-1 | 23.29    | 23.11    | 22.98    | 23.13      | 0.67    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 17636.67 | 17479.02 | 17763.48 | 17626.39   | 0.81    | ppb   |
| Manganese  | 55-2  | 662.54   | 661.40   | 663.71   | 662.55     | 0.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:27:03 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 3.57      | 3.60      | 3.78      | 3.65       | 3.06    | ppb   |
| Molybdenum | 94-1  | 2.01      | 1.95      | 1.89      | 1.95       | 3.04    | ppb   |
| Molybdenum | 95-1  | 3.67      | 3.63      | 3.63      | 3.64       | 0.64    | ppb   |
| Molybdenum | 96-1  | 3.06      | 3.29      | 3.42      | 3.26       | 5.56    | ppb   |
| Molybdenum | 97-1  | 3.68      | 3.75      | 3.76      | 3.73       | 1.13    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 488.65    | 492.26    | 492.94    | 491.29     | 0.47    | ppb   |
| Phosphorus | 31-2  | 106.00    | 57.68     | 155.62    | 106.43     | 46.01   | ppb   |
| Potassium  | 39-2  | 6576.87   | 6591.65   | 6559.75   | 6576.09    | 0.24    | ppb   |
| Rhodium    | 103-1 |           |           |           | 104        |         | %     |
| Rhodium    | 103-2 |           |           |           | 107        |         | %     |
| Scandium   | 45-1  |           |           |           | 108        |         | %     |
| Scandium   | 45-2  |           |           |           | 109        |         | %     |
| Selenium   | 77-2  | 109.78    | 114.34    | 100.45    | 108.19     | 6.55    | ppb   |
| Selenium   | 78-2  | 89.99     | 96.07     | 107.73    | 97.93      | 9.21    | ppb   |
| Selenium   | 82-1  | 99.80     | 100.53    | 100.42    | 100.25     | 0.39    | ppb   |
| Silicon    | 28-1  | 4102.76   | 4094.58   | 4045.35   | 4080.90    | 0.76    | ppb   |
| Silver     | 109-1 | 46.46     | 46.66     | 46.61     | 46.58      | 0.22    | ppb   |
| Silver     | 107-1 | 46.96     | 46.63     | 47.25     | 46.95      | 0.66    | ppb   |
| Sodium     | 23-2  | 132410.68 | 132975.62 | 135447.07 | 133611.12  | 1.21    | ppb   |
| Strontium  | 86-1  | 175.95    | 176.23    | 176.55    | 176.25     | 0.17    | ppb   |
| Strontium  | 88-1  | 176.83    | 178.79    | 177.53    | 177.72     | 0.56    | ppb   |
| Sulfur     | 34-1  | 10612.39  | 11245.41  | 10397.47  | 10751.76   | 4.10    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 111        |         | %     |
| Thallium   | 203-1 | 50.02     | 47.99     | 48.67     | 48.89      | 2.12    | ppb   |
| Thallium   | 205-1 | 50.45     | 48.96     | 48.83     | 49.41      | 1.83    | ppb   |
| Tin        | 118-1 | 0.16      | 0.20      | 0.19      | 0.19       | 10.24   | ppb   |
| Titanium   | 47-1  | 15.49     | 12.42     | 12.80     | 13.57      | 12.34   | ppb   |
| Uranium    | 238-1 | 0.46      | 0.45      | 0.47      | 0.46       | 2.59    | ppb   |
| Vanadium   | 51-2  | 485.08    | 486.94    | 487.52    | 486.51     | 0.26    | ppb   |
| Yttrium    | 89-1  |           |           |           | 108        |         | %     |
| Yttrium    | 89-2  |           |           |           | 109        |         | %     |
| Zinc       | 66-2  | 619.97    | 620.42    | 618.21    | 619.53     | 0.19    | ppb   |
| Zirconium  | 90-1  | 1.28      | 1.20      | 1.20      | 1.23       | 3.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:27:03 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.23    | 1.08    | 1.23    | 1.18       | 7.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:30:10 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.43    | 3.05    | 2.05    | 1.84       | 71.87   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.01    | 0.01    | 0.02       | 45.80   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.01    | 0.01       | 70.82   | ppb   |
| Barium     | 135-1 | 0.13    | -0.01   | 0.00    | 0.04       | 185.21  | ppb   |
| Barium     | 137-1 | 0.13    | 0.01    | 0.01    | 0.05       | 149.18  | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 11-1  | 3.10    | 3.16    | 2.74    | 3.00       | 7.66    | ppb   |
| Boron      | 10-1  | 3.04    | 3.57    | 2.53    | 3.05       | 17.10   | ppb   |
| Cadmium    | 106-1 | -1.78   | -1.98   | -2.38   | -2.05      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.06   | 0.00    | -0.02      |         | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.13   | -0.16   | -0.14      |         | ppb   |
| Calcium    | 43-1  | 1.03    | -13.76  | 13.77   | 0.35       | 3969.32 | ppb   |
| Calcium    | 44-1  | -7.26   | -13.03  | -13.37  | -11.22     |         | ppb   |
| Chromium   | 52-2  | -0.18   | -0.22   | -0.25   | -0.22      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.15    | 0.15    | 0.14    | 0.15       | 3.31    | 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 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 111        |         | %     |
| Iron       | 56-2  | 0.05    | 0.14    | 0.05    | 0.08       | 67.35   | ppb   |
| Iron       | 57-2  | -0.27   | 0.76    | 2.15    | 0.88       | 138.09  | ppb   |
| Lead       | 206-1 | 0.02    | 0.01    | 0.02    | 0.01       | 49.53   | ppb   |
| Lead       | 207-1 | 0.01    | 0.00    | 0.01    | 0.01       | 63.44   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.02   | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | -1.14   | 1.23    | 0.18    | 0.09       | 1329.66 | ppb   |
| Manganese  | 55-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:30:10 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | -0.01    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.00     | 0.00       | 139.10  | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.01     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | 0.02     | 0.01       | 12.90   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.41    | -0.27    | -0.35    | -0.34      |         | ppb   |
| Phosphorus | 31-2  | -15.49   | -15.49   | -15.49   | -15.49     |         | ppb   |
| Potassium  | 39-2  | -6.25    | -4.52    | -13.33   | -8.03      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 112        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 110        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | -2.16    | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.09     | -0.87    | 0.55     | -0.08      |         | ppb   |
| Selenium   | 82-1  | 0.25     | -0.42    | -0.46    | -0.21      |         | ppb   |
| Silicon    | 28-1  | -25.02   | -26.30   | -24.81   | -25.38     |         | ppb   |
| Silver     | 109-1 | 0.05     | 0.05     | 0.04     | 0.05       | 1.15    | ppb   |
| Silver     | 107-1 | 0.03     | 0.04     | 0.04     | 0.04       | 6.78    | ppb   |
| Sodium     | 23-2  | 24.58    | 26.41    | 26.87    | 25.95      | 4.67    | ppb   |
| Strontium  | 86-1  | 0.01     | -0.02    | -0.06    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.03     | 0.02     | 0.01     | 0.02       | 43.52   | ppb   |
| Sulfur     | 34-1  | -2588.23 | -2552.29 | -2169.21 | -2436.58   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.01     | -0.01    | 0.00     | 0.00       | 295.14  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 61.82   | ppb   |
| Tin        | 118-1 | -0.15    | -0.16    | -0.15    | -0.15      |         | ppb   |
| Titanium   | 47-1  | -0.03    | -0.02    | -0.03    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 6.23    | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 110        |         | %     |
| Zinc       | 66-2  | 45.95    | 45.73    | 45.36    | 45.68      | 0.66    | ppb   |
| Zirconium  | 90-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:30:10 | DataFile Name :   | 028SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:33:18 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 33.34   | 26.03   | 27.66   | 29.01      | 13.23   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 17.04   | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.21    | 0.18    | 0.19       | 7.09    | ppb   |
| Barium     | 135-1 | 5.86    | 5.59    | 5.72    | 5.73       | 2.34    | ppb   |
| Barium     | 137-1 | 5.84    | 5.76    | 5.80    | 5.80       | 0.68    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | -0.01   | 0.00       | 562.42  | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 11-1  | 4.91    | 5.08    | 5.23    | 5.07       | 3.21    | ppb   |
| Boron      | 10-1  | 6.37    | 5.17    | 5.35    | 5.63       | 11.53   | ppb   |
| Cadmium    | 106-1 | -2.19   | -1.96   | -1.40   | -1.85      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.08   | 0.01    | -0.03      |         | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.12   | -0.10   | -0.12      |         | ppb   |
| Calcium    | 43-1  | 3460.72 | 3584.58 | 3385.64 | 3476.98    | 2.89    | ppb   |
| Calcium    | 44-1  | 3573.40 | 3684.92 | 3519.43 | 3592.58    | 2.35    | ppb   |
| Chromium   | 52-2  | 0.20    | 0.07    | 0.12    | 0.13       | 52.89   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.03    | 0.03       | 20.36   | ppb   |
| Copper     | 63-2  | 0.81    | 0.68    | 0.63    | 0.71       | 13.17   | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 133.94  | 122.92  | 122.75  | 126.54     | 5.07    | ppb   |
| Iron       | 57-2  | 148.07  | 113.63  | 125.31  | 129.01     | 13.58   | ppb   |
| Lead       | 206-1 | 0.21    | 0.19    | 0.21    | 0.20       | 5.67    | ppb   |
| Lead       | 207-1 | 0.24    | 0.16    | 0.17    | 0.19       | 23.33   | ppb   |
| Lead       | 208-1 | 0.22    | 0.20    | 0.20    | 0.21       | 4.56    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 978.66  | 887.94  | 882.71  | 916.44     | 5.89    | ppb   |
| Manganese  | 55-2  | 9.73    | 8.73    | 9.08    | 9.18       | 5.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:33:18 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.19    | 0.16    | 0.18    | 0.18       | 10.11   | ppb   |
| Molybdenum | 94-1  | 0.10    | 0.11    | 0.10    | 0.11       | 5.82    | ppb   |
| Molybdenum | 95-1  | 0.16    | 0.20    | 0.20    | 0.19       | 12.05   | ppb   |
| Molybdenum | 96-1  | 0.16    | 0.17    | 0.17    | 0.17       | 2.83    | ppb   |
| Molybdenum | 97-1  | 0.18    | 0.19    | 0.21    | 0.20       | 8.47    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.08   | -0.15   | -0.12   | -0.12      |         | ppb   |
| Phosphorus | 31-2  | 27.02   | 50.17   | 10.56   | 29.25      | 68.05   | ppb   |
| Potassium  | 39-2  | 379.53  | 334.93  | 277.21  | 330.55     | 15.52   | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | -0.87   | -0.36   | 0.16    | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.75    | -0.15   | 0.33    | 0.31       | 145.95  | ppb   |
| Silicon    | 28-1  | 194.98  | 201.72  | 184.72  | 193.81     | 4.42    | ppb   |
| Silver     | 109-1 | 0.04    | 0.04    | 0.03    | 0.04       | 25.03   | ppb   |
| Silver     | 107-1 | 0.04    | 0.05    | 0.05    | 0.05       | 16.30   | ppb   |
| Sodium     | 23-2  | 7346.74 | 6669.79 | 6597.89 | 6871.47    | 6.01    | ppb   |
| Strontium  | 86-1  | 9.45    | 8.55    | 8.67    | 8.89       | 5.49    | ppb   |
| Strontium  | 88-1  | 9.05    | 9.02    | 8.76    | 8.94       | 1.74    | ppb   |
| Sulfur     | 34-1  | -61.70  | -19.71  | -329.00 | -136.80    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.00       | 234.79  | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 4.68    | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.58    | 0.64    | 0.59    | 0.60       | 5.06    | ppb   |
| Uranium    | 238-1 | 0.03    | 0.02    | 0.01    | 0.02       | 32.26   | ppb   |
| Vanadium   | 51-2  | 0.17    | 0.24    | 0.17    | 0.19       | 21.29   | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 7.29    | 6.08    | 6.68    | 6.68       | 9.09    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.06    | 0.05       | 17.20   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:33:18 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.04    | 0.05       | 11.78   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:36:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.05   | 25.84   | 27.66   | 24.52      | 16.21   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 9.14    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.17    | 0.18    | 0.18       | 3.80    | ppb   |
| Barium     | 135-1 | 5.85    | 5.91    | 5.91    | 5.89       | 0.62    | ppb   |
| Barium     | 137-1 | 5.89    | 5.80    | 5.54    | 5.74       | 3.17    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 4.44    | 4.68    | 4.60    | 4.57       | 2.65    | ppb   |
| Boron      | 10-1  | 5.46    | 4.81    | 4.89    | 5.05       | 7.04    | ppb   |
| Cadmium    | 106-1 | -1.46   | -1.87   | -2.62   | -1.98      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.05   | 0.12    | 0.04       | 243.90  | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.12   | -0.18   | -0.14      |         | ppb   |
| Calcium    | 43-1  | 3496.50 | 3434.53 | 3520.74 | 3483.92    | 1.28    | ppb   |
| Calcium    | 44-1  | 3613.27 | 3601.41 | 3533.24 | 3582.64    | 1.21    | ppb   |
| Chromium   | 52-2  | 0.06    | -0.01   | 0.10    | 0.05       | 111.17  | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.03    | 0.02       | 40.21   | ppb   |
| Copper     | 63-2  | 0.65    | 0.67    | 0.68    | 0.66       | 2.47    | 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 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 123.99  | 123.57  | 124.68  | 124.08     | 0.45    | ppb   |
| Iron       | 57-2  | 115.20  | 121.14  | 123.68  | 120.01     | 3.63    | ppb   |
| Lead       | 206-1 | 0.21    | 0.22    | 0.25    | 0.22       | 8.67    | ppb   |
| Lead       | 207-1 | 0.20    | 0.19    | 0.16    | 0.18       | 10.07   | ppb   |
| Lead       | 208-1 | 0.20    | 0.21    | 0.21    | 0.21       | 3.74    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 917.54  | 937.28  | 878.53  | 911.12     | 3.28    | ppb   |
| Manganese  | 55-2  | 8.62    | 8.89    | 9.38    | 8.96       | 4.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:36:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.18    | 0.19    | 0.18    | 0.18       | 1.17    | ppb   |
| Molybdenum | 94-1  | 0.10    | 0.11    | 0.12    | 0.11       | 8.04    | ppb   |
| Molybdenum | 95-1  | 0.17    | 0.17    | 0.17    | 0.17       | 2.26    | ppb   |
| Molybdenum | 96-1  | 0.16    | 0.16    | 0.16    | 0.16       | 1.22    | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.16    | 0.18    | 0.17       | 6.63    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.08   | -0.13   | -0.16   | -0.12      |         | ppb   |
| Phosphorus | 31-2  | 36.26   | -15.49  | 23.58   | 14.78      | 182.46  | ppb   |
| Potassium  | 39-2  | 322.17  | 329.84  | 345.50  | 332.50     | 3.58    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | -2.16   | 1.03    | 1.02    | -0.03      |         | ppb   |
| Selenium   | 78-2  | 0.15    | -0.36   | 0.15    | -0.02      |         | ppb   |
| Selenium   | 82-1  | 0.02    | -0.65   | -0.32   | -0.32      |         | ppb   |
| Silicon    | 28-1  | 196.82  | 193.72  | 188.29  | 192.95     | 2.24    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.02    | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.03    | 0.03       | 19.32   | ppb   |
| Sodium     | 23-2  | 6793.19 | 6847.46 | 6827.69 | 6822.78    | 0.40    | ppb   |
| Strontium  | 86-1  | 8.83    | 8.97    | 8.70    | 8.83       | 1.50    | ppb   |
| Strontium  | 88-1  | 8.87    | 9.07    | 9.12    | 9.02       | 1.47    | ppb   |
| Sulfur     | 34-1  | -165.17 | -13.10  | -169.19 | -115.82    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.00       | 107.40  | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.00    | 0.01       | 53.01   | ppb   |
| Tin        | 118-1 | -0.05   | -0.01   | -0.06   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.49    | 0.46    | 0.97    | 0.64       | 45.08   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.77   | ppb   |
| Vanadium   | 51-2  | 0.14    | 0.15    | 0.20    | 0.16       | 19.58   | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 6.67    | 6.47    | 7.15    | 6.76       | 5.15    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.05    | 0.05       | 9.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:36:26 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.06    | 0.07    | 0.05       | 49.98   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 14:39:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.67    | 4.79    | 5.59    | 5.02       | 9.93    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.01    | 0.02       | 15.73   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.03    | 0.00    | 0.02       | 70.79   | ppb   |
| Barium     | 135-1 | 1.06    | 1.14    | 1.12    | 1.11       | 4.04    | ppb   |
| Barium     | 137-1 | 1.15    | 1.07    | 1.23    | 1.15       | 6.91    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.03   | 0.01    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 11-1  | 1.96    | 2.21    | 2.15    | 2.11       | 6.16    | ppb   |
| Boron      | 10-1  | 2.67    | 1.84    | 2.07    | 2.19       | 19.54   | ppb   |
| Cadmium    | 106-1 | -2.06   | -2.35   | -1.70   | -2.04      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.04    | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.17   | -0.11   | -0.14      |         | ppb   |
| Calcium    | 43-1  | 678.81  | 661.86  | 710.65  | 683.78     | 3.62    | ppb   |
| Calcium    | 44-1  | 673.31  | 677.79  | 666.86  | 672.65     | 0.82    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.05    | 0.09    | 0.07       | 37.67   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 175.32  | ppb   |
| Copper     | 63-2  | 0.24    | 0.25    | 0.18    | 0.22       | 16.97   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 23.34   | 24.82   | 25.46   | 24.54      | 4.42    | ppb   |
| Iron       | 57-2  | 19.55   | 24.96   | 24.82   | 23.11      | 13.35   | ppb   |
| Lead       | 206-1 | 0.05    | 0.04    | 0.04    | 0.04       | 15.19   | ppb   |
| Lead       | 207-1 | 0.02    | 0.04    | 0.04    | 0.04       | 34.24   | ppb   |
| Lead       | 208-1 | 0.04    | 0.05    | 0.04    | 0.04       | 12.33   | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 170.09  | 186.67  | 168.00  | 174.92     | 5.85    | ppb   |
| Manganese  | 55-2  | 1.89    | 1.74    | 1.74    | 1.79       | 4.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 14:39:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.05    | 0.02    | 0.04    | 0.04       | 34.85   | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 13.23   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.03    | 0.03    | 0.03       | 19.18   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.02    | 0.03       | 31.27   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.04    | 0.03    | 0.04       | 14.76   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.29   | -0.23   | -0.31   | -0.28      |         | ppb   |
| Phosphorus | 31-2  | 11.94   | -15.49  | 11.71   | 2.72       | 579.34  | ppb   |
| Potassium  | 39-2  | 90.98   | 90.30   | 86.65   | 89.31      | 2.61    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.73    | 0.21    | 1.21    | 0.72       | 69.48   | ppb   |
| Selenium   | 82-1  | -0.51   | -0.24   | 0.32    | -0.14      |         | ppb   |
| Silicon    | 28-1  | 36.72   | 34.72   | 36.98   | 36.14      | 3.42    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.39    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.02       | 27.07   | ppb   |
| Sodium     | 23-2  | 1354.51 | 1363.89 | 1345.95 | 1354.78    | 0.66    | ppb   |
| Strontium  | 86-1  | 1.73    | 1.70    | 1.66    | 1.70       | 2.15    | ppb   |
| Strontium  | 88-1  | 1.73    | 1.69    | 1.75    | 1.72       | 1.56    | ppb   |
| Sulfur     | 34-1  | -256.98 | -466.53 | 115.22  | -202.76    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.00    | 0.00       | 191.71  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 57.78   | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.11    | 0.06    | 0.07       | 63.03   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 18.67   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.05    | 0.01    | 0.03       | 78.13   | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 1.73    | 1.48    | 1.31    | 1.51       | 14.05   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 40.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 14:39:33 | DataFile Name :   | 031SMPL.d |

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

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4722-04DLX20 Instrumnet Name : P8  
 Client Sample ID : ME7GE2S Dilution Factor : 20  
 Date & Time Acquired :: 2017-08-16 14:42:42 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 137.96  | 137.72  | 115.16  | 130.28     | 10.05   | ppb   |
| Antimony   | 121-1 | 5.45    | 5.15    | 5.06    | 5.22       | 3.98    | ppb   |
| Arsenic    | 75-2  | 2.19    | 2.00    | 2.22    | 2.14       | 5.49    | ppb   |
| Barium     | 135-1 | 115.38  | 103.39  | 105.13  | 107.97     | 6.00    | ppb   |
| Barium     | 137-1 | 116.42  | 105.47  | 105.30  | 109.06     | 5.84    | ppb   |
| Beryllium  | 9-1   | 2.61    | 2.42    | 2.41    | 2.48       | 4.57    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 11-1  | 4.49    | 4.59    | 4.40    | 4.49       | 2.07    | ppb   |
| Boron      | 10-1  | 3.56    | 4.27    | 4.14    | 3.99       | 9.49    | ppb   |
| Cadmium    | 106-1 | -0.17   | 0.36    | 0.15    | 0.12       | 229.24  | ppb   |
| Cadmium    | 108-1 | 2.62    | 2.58    | 2.21    | 2.47       | 9.25    | ppb   |
| Cadmium    | 111-1 | 2.59    | 2.47    | 2.44    | 2.50       | 3.20    | ppb   |
| Calcium    | 43-1  | 3775.14 | 3461.49 | 3425.38 | 3554.00    | 5.41    | ppb   |
| Calcium    | 44-1  | 3870.44 | 3579.27 | 3562.72 | 3670.81    | 4.72    | ppb   |
| Chromium   | 52-2  | 10.28   | 10.21   | 10.34   | 10.28      | 0.60    | ppb   |
| Cobalt     | 59-2  | 25.15   | 24.95   | 25.42   | 25.17      | 0.93    | ppb   |
| Copper     | 63-2  | 13.33   | 13.40   | 13.54   | 13.42      | 0.82    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 175.97  | 174.95  | 178.05  | 176.32     | 0.89    | ppb   |
| Iron       | 57-2  | 175.51  | 176.31  | 189.76  | 180.53     | 4.43    | ppb   |
| Lead       | 206-1 | 1.35    | 1.21    | 1.15    | 1.24       | 8.23    | ppb   |
| Lead       | 207-1 | 1.18    | 1.14    | 1.15    | 1.16       | 1.87    | ppb   |
| Lead       | 208-1 | 1.27    | 1.16    | 1.14    | 1.19       | 5.87    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 913.79  | 893.94  | 927.62  | 911.78     | 1.86    | ppb   |
| Manganese  | 55-2  | 34.39   | 33.99   | 34.33   | 34.24      | 0.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:42:42 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.21    | 0.15    | 0.16    | 0.17       | 19.16   | ppb   |
| Molybdenum | 94-1  | 0.11    | 0.18    | 0.09    | 0.12       | 38.89   | ppb   |
| Molybdenum | 95-1  | 0.20    | 0.19    | 0.16    | 0.18       | 12.01   | ppb   |
| Molybdenum | 96-1  | 0.17    | 0.18    | 0.16    | 0.17       | 8.12    | ppb   |
| Molybdenum | 97-1  | 0.21    | 0.20    | 0.19    | 0.20       | 5.18    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 25.50   | 25.29   | 25.65   | 25.48      | 0.71    | ppb   |
| Phosphorus | 31-2  | -2.37   | -15.49  | 50.54   | 10.89      | 320.90  | ppb   |
| Potassium  | 39-2  | 327.91  | 297.73  | 346.30  | 323.98     | 7.57    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 7.37    | 10.56   | 10.65   | 9.52       | 19.63   | ppb   |
| Selenium   | 78-2  | 2.19    | 6.28    | 5.31    | 4.59       | 46.52   | ppb   |
| Selenium   | 82-1  | 6.04    | 4.50    | 4.98    | 5.17       | 15.18   | ppb   |
| Silicon    | 28-1  | 226.36  | 195.34  | 193.09  | 204.93     | 9.07    | ppb   |
| Silver     | 109-1 | 2.61    | 2.46    | 2.42    | 2.49       | 4.05    | ppb   |
| Silver     | 107-1 | 2.61    | 2.43    | 2.36    | 2.46       | 5.24    | ppb   |
| Sodium     | 23-2  | 6899.44 | 6770.99 | 6892.18 | 6854.20    | 1.05    | ppb   |
| Strontium  | 86-1  | 9.48    | 8.89    | 8.66    | 9.01       | 4.69    | ppb   |
| Strontium  | 88-1  | 9.70    | 9.02    | 8.92    | 9.22       | 4.59    | ppb   |
| Sulfur     | 34-1  | 1119.13 | 217.01  | -52.31  | 427.94     | 143.37  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 2.71    | 2.46    | 2.40    | 2.53       | 6.50    | ppb   |
| Thallium   | 205-1 | 2.61    | 2.44    | 2.42    | 2.49       | 4.21    | ppb   |
| Tin        | 118-1 | -0.02   | -0.05   | -0.06   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 1.17    | 0.62    | 0.59    | 0.80       | 40.92   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.03    | 0.02    | 0.02       | 18.16   | ppb   |
| Vanadium   | 51-2  | 25.17   | 24.79   | 25.29   | 25.08      | 1.04    | ppb   |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 33.78   | 31.03   | 33.05   | 32.62      | 4.36    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.06    | 0.06       | 15.49   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:42:42 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.09    | 0.06       | 37.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:45:50 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.58    | 0.55    | 2.41    | 1.18       | 90.06   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.01    | 0.01       | 36.78   | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.03    | 0.05    | 0.02       | 190.59  | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.00    | 0.01       | 136.06  | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 11-1  | 1.09    | 1.46    | 1.19    | 1.24       | 15.21   | ppb   |
| Boron      | 10-1  | 1.59    | 1.16    | 1.00    | 1.25       | 24.61   | ppb   |
| Cadmium    | 106-1 | -1.74   | -2.75   | -1.98   | -2.16      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.11   | -0.11   | -0.10      |         | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.19   | -0.13   | -0.15      |         | ppb   |
| Calcium    | 43-1  | 0.90    | 2.74    | -6.92   | -1.09      |         | ppb   |
| Calcium    | 44-1  | -11.75  | -8.08   | -11.28  | -10.37     |         | ppb   |
| Chromium   | 52-2  | 0.03    | -0.02   | -0.09   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.06    | 0.04       | 44.45   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 0.25    | 0.00    | -0.07   | 0.06       | 279.25  | ppb   |
| Iron       | 57-2  | -0.36   | -0.39   | -1.20   | -0.65      |         | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.95   | -0.41   | -0.78   | -0.71      |         | ppb   |
| Manganese  | 55-2  | -0.03   | -0.01   | 0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:45:50 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.00       | 54.31   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01    | 0.01    | 0.01       | 24.06   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.31   | -0.28   | -0.35   | -0.31      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | 10.20   | 10.30   | 1.67       | 889.77  | ppb   |
| Potassium  | 39-2  | -8.03   | -9.82   | -6.16   | -8.01      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.13    | -0.36   | 1.65    | 0.47       | 221.71  | ppb   |
| Selenium   | 82-1  | 0.26    | 0.46    | 0.27    | 0.33       | 34.97   | ppb   |
| Silicon    | 28-1  | -20.58  | -19.03  | -17.91  | -19.17     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.02       | 37.91   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.07   | ppb   |
| Sodium     | 23-2  | 19.09   | 19.96   | 17.54   | 18.86      | 6.49    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.01    | -0.03   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -729.84 | -497.71 | -523.94 | -583.83    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.01       | 33.96   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.43    | ppb   |
| Tin        | 118-1 | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.05    | 0.02    | 0.02       | 149.37  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 29.19   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |
| Zinc       | 66-2  | 2.17    | 2.59    | 2.12    | 2.30       | 11.25   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:45:50 | DataFile Name :   | 033SMPL.d |

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

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV028              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV028              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 14:48:58 | DataFile Name :   | 034CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50787.93  | 50536.61  | 53358.10  | 51560.88   | 3.03    | ppb   |
| Antimony   | 121-1 | 531.88    | 516.18    | 513.81    | 520.62     | 1.89    | ppb   |
| Arsenic    | 75-2  | 498.28    | 494.20    | 539.47    | 510.65     | 4.90    | ppb   |
| Barium     | 135-1 | 2650.70   | 2596.05   | 2588.08   | 2611.61    | 1.31    | ppb   |
| Barium     | 137-1 | 2663.09   | 2591.71   | 2575.43   | 2610.08    | 1.79    | ppb   |
| Beryllium  | 9-1   | 510.01    | 515.94    | 503.51    | 509.82     | 1.22    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 11-1  | 497.25    | 510.02    | 495.93    | 501.07     | 1.55    | ppb   |
| Boron      | 10-1  | 496.80    | 510.27    | 502.24    | 503.10     | 1.35    | ppb   |
| Cadmium    | 106-1 | 515.81    | 505.49    | 495.42    | 505.58     | 2.02    | ppb   |
| Cadmium    | 108-1 | 514.79    | 501.99    | 501.27    | 506.02     | 1.50    | ppb   |
| Cadmium    | 111-1 | 512.50    | 498.60    | 501.47    | 504.19     | 1.46    | ppb   |
| Calcium    | 43-1  | 246626.36 | 243714.33 | 244464.96 | 244935.22  | 0.62    | ppb   |
| Calcium    | 44-1  | 246831.78 | 244495.95 | 245006.17 | 245444.63  | 0.50    | ppb   |
| Chromium   | 52-2  | 504.24    | 503.40    | 534.48    | 514.04     | 3.44    | ppb   |
| Cobalt     | 59-2  | 492.73    | 492.49    | 523.16    | 502.80     | 3.51    | ppb   |
| Copper     | 63-2  | 986.60    | 996.53    | 1049.71   | 1010.94    | 3.36    | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 125922.48 | 124220.67 | 132059.27 | 127400.81  | 3.24    | ppb   |
| Iron       | 57-2  | 127555.74 | 126735.09 | 133145.01 | 129145.28  | 2.70    | ppb   |
| Lead       | 206-1 | 538.68    | 525.76    | 537.20    | 533.88     | 1.32    | ppb   |
| Lead       | 207-1 | 527.88    | 524.97    | 521.71    | 524.85     | 0.59    | ppb   |
| Lead       | 208-1 | 531.01    | 526.24    | 527.67    | 528.31     | 0.46    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 251380.45 | 252149.62 | 266485.11 | 256671.73  | 3.31    | ppb   |
| Manganese  | 55-2  | 1020.72   | 1004.10   | 1068.60   | 1031.14    | 3.25    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV028              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV028              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 14:48:58 | DataFile Name :   | 034CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 529.41    | 521.36    | 524.33    | 525.03     | 0.78    | ppb   |
| Molybdenum | 94-1  | 522.79    | 517.44    | 518.78    | 519.67     | 0.54    | ppb   |
| Molybdenum | 95-1  | 530.55    | 521.08    | 516.13    | 522.59     | 1.40    | ppb   |
| Molybdenum | 96-1  | 522.14    | 509.19    | 524.53    | 518.62     | 1.59    | ppb   |
| Molybdenum | 97-1  | 533.42    | 518.98    | 517.21    | 523.21     | 1.70    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.67    | 492.31    | 523.35    | 503.11     | 3.49    | ppb   |
| Phosphorus | 31-2  | 10535.26  | 9680.53   | 10695.32  | 10303.70   | 5.30    | ppb   |
| Potassium  | 39-2  | 128000.63 | 127422.58 | 134328.15 | 129917.12  | 2.95    | ppb   |
| Rhodium    | 103-1 |           |           |           | 98         |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 477.66    | 521.64    | 609.44    | 536.25     | 12.51   | ppb   |
| Selenium   | 78-2  | 542.36    | 475.32    | 547.66    | 521.78     | 7.73    | ppb   |
| Selenium   | 82-1  | 510.10    | 503.95    | 507.51    | 507.18     | 0.61    | ppb   |
| Silicon    | 28-1  | 529.55    | 515.52    | 518.33    | 521.13     | 1.43    | ppb   |
| Silver     | 109-1 | 520.92    | 506.17    | 510.13    | 512.41     | 1.49    | ppb   |
| Silver     | 107-1 | 523.72    | 502.29    | 510.83    | 512.28     | 2.11    | ppb   |
| Sodium     | 23-2  | 250338.23 | 250653.92 | 267196.52 | 256062.89  | 3.77    | ppb   |
| Strontium  | 86-1  | 546.02    | 527.81    | 541.33    | 538.39     | 1.76    | ppb   |
| Strontium  | 88-1  | 531.83    | 526.18    | 528.96    | 528.99     | 0.53    | ppb   |
| Sulfur     | 34-1  | 12462.09  | 12242.96  | 12523.10  | 12409.38   | 1.19    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 532.12    | 526.64    | 531.27    | 530.01     | 0.56    | ppb   |
| Thallium   | 205-1 | 527.86    | 526.06    | 524.58    | 526.17     | 0.31    | ppb   |
| Tin        | 118-1 | 533.60    | 516.08    | 523.06    | 524.25     | 1.68    | ppb   |
| Titanium   | 47-1  | 511.90    | 503.52    | 510.39    | 508.60     | 0.88    | ppb   |
| Uranium    | 238-1 | 538.69    | 528.47    | 533.99    | 533.72     | 0.96    | ppb   |
| Vanadium   | 51-2  | 506.09    | 507.25    | 536.66    | 516.67     | 3.35    | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 998.70    | 993.81    | 1056.53   | 1016.35    | 3.43    | ppb   |
| Zirconium  | 90-1  | 520.98    | 512.23    | 518.19    | 517.14     | 0.86    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV028              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV028              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 14:48:58 | DataFile Name :   | 034CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 520.26  | 516.90  | 515.63  | 517.60     | 0.46    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB028 Instrumnet Name : P8  
 Client Sample ID : CCB028 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 14:51:57 DataFile Name : 035CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.48    | -0.34   | -1.21   | 0.31       | 625.09  | ppb   |
| Antimony   | 121-1 | 0.26    | 0.27    | 0.22    | 0.25       | 11.14   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.03    | 0.03       | 32.49   | ppb   |
| Barium     | 135-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.68   | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.03    | 0.05    | 0.05       | 36.41   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 11-1  | 10.54   | 10.32   | 9.61    | 10.16      | 4.77    | ppb   |
| Boron      | 10-1  | 9.95    | 11.40   | 8.65    | 10.00      | 13.75   | ppb   |
| Cadmium    | 106-1 | -2.14   | -2.70   | -1.85   | -2.23      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.08   | -0.11   | -0.08      |         | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.17   | -0.11   | -0.14      |         | ppb   |
| Calcium    | 43-1  | -0.10   | -8.12   | 1.74    | -2.16      |         | ppb   |
| Calcium    | 44-1  | -7.40   | -6.28   | -5.80   | -6.49      |         | ppb   |
| Chromium   | 52-2  | -0.08   | -0.12   | 0.05    | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.07    | 0.05    | 0.05       | 57.40   | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.46    | 0.71    | 0.96    | 0.71       | 34.70   | ppb   |
| Iron       | 57-2  | 1.32    | 0.47    | 2.24    | 1.34       | 65.73   | ppb   |
| Lead       | 206-1 | 0.01    | 0.00    | 0.00    | 0.00       | 121.16  | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | 0.00    | 0.00       | 151.23  | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.00    | 0.01       | 48.53   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | -0.92   | 1.40    | 0.37    | 0.28       | 413.41  | ppb   |
| Manganese  | 55-2  | -0.07   | -0.06   | -0.04   | -0.06      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB028              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB028              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:51:57 | DataFile Name :   | 035CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.06    | 0.05    | 0.05    | 0.05       | 11.49   | ppb   |
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.05    | 0.05       | 11.67   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.04    | 0.03    | 0.04       | 47.04   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.08    | 0.04    | 0.06       | 30.38   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.05    | 0.07    | 0.06       | 17.60   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.31   | -0.28   | -0.36   | -0.32      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | 49.54   | -1.52   | 10.84      | 315.67  | ppb   |
| Potassium  | 39-2  | 16.82   | 0.14    | 5.65    | 7.54       | 112.74  | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | 4.58    | 0.09       | 4305.44 | ppb   |
| Selenium   | 78-2  | 0.15    | 0.15    | -0.33   | -0.01      |         | ppb   |
| Selenium   | 82-1  | -0.02   | -0.11   | -0.40   | -0.18      |         | ppb   |
| Silicon    | 28-1  | -16.78  | -17.16  | -14.67  | -16.20     |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 10.74   | ppb   |
| Silver     | 107-1 | 0.02    | 0.04    | 0.02    | 0.03       | 39.30   | ppb   |
| Sodium     | 23-2  | 63.40   | 57.30   | 63.28   | 61.32      | 5.69    | ppb   |
| Strontium  | 86-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -731.23 | -513.38 | -505.57 | -583.39    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.07    | 0.07    | 0.04    | 0.06       | 30.28   | ppb   |
| Thallium   | 205-1 | 0.06    | 0.06    | 0.06    | 0.06       | 7.98    | ppb   |
| Tin        | 118-1 | 0.04    | 0.04    | 0.03    | 0.04       | 11.92   | ppb   |
| Titanium   | 47-1  | 0.00    | -0.02   | -0.08   | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 208.48  | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.05    | 0.02    | 0.08    | 0.05       | 61.49   | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.05    | 0.05       | 2.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB028              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB028              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:51:57 | DataFile Name :   | 035CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.06    | 0.04       | 34.51   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : PB101592BL Instrumnet Name : P8  
 Client Sample ID : PB101592BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 14:55:04 DataFile Name : 036CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 1.54    | 1.49    | 0.58    | 1.20       | 44.58    | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.11    | 0.11       | 3.13     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.02    | 0.02    | 0.01       | 62.51    | ppb   |
| Barium     | 135-1 | -0.03   | -0.01   | -0.03   | -0.02      |          | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.00    | 0.00       |          | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.04    | 0.04    | 0.03       | 54.32    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |          | %     |
| Bismuth    | 209-2 |         |         |         | 104        |          | %     |
| Boron      | 11-1  | 5.58    | 4.84    | 5.32    | 5.24       | 7.18     | ppb   |
| Boron      | 10-1  | 4.24    | 4.90    | 3.86    | 4.33       | 12.17    | ppb   |
| Cadmium    | 106-1 | -2.24   | -2.02   | -2.44   | -2.23      |          | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.02   | -0.02   | -0.03      |          | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.13   | -0.17   | -0.15      |          | ppb   |
| Calcium    | 43-1  | -1.08   | 3.04    | -11.18  | -3.07      |          | ppb   |
| Calcium    | 44-1  | -7.63   | -9.48   | -6.50   | -7.87      |          | ppb   |
| Chromium   | 52-2  | -0.02   | -0.06   | 0.00    | -0.03      |          | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |          | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.03    | 0.02       | 27.94    | 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 |         |         |         | 105        |          | %     |
| Holmium    | 165-2 |         |         |         | 105        |          | %     |
| Indium     | 115-1 |         |         |         | 103        |          | %     |
| Indium     | 115-2 |         |         |         | 103        |          | %     |
| Iron       | 56-2  | 0.08    | 0.68    | 0.20    | 0.32       | 99.35    | ppb   |
| Iron       | 57-2  | -0.34   | 0.99    | 1.57    | 0.74       | 132.29   | ppb   |
| Lead       | 206-1 | 0.01    | 0.01    | 0.00    | 0.01       | 67.65    | ppb   |
| Lead       | 207-1 | -0.01   | 0.01    | 0.00    | 0.00       | 25616.49 | ppb   |
| Lead       | 208-1 | 0.00    | 0.01    | 0.00    | 0.00       | 403.10   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |          | %     |
| Magnesium  | 24-2  | 0.25    | 1.35    | -0.75   | 0.28       | 369.66   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.02    | -0.05   | -0.01      |          | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:55:04 | DataFile Name :   | 036CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 32.72   | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.02    | 0.03       | 12.32   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | 0.00    | 0.01       | 20.56   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.02    | 0.01       | 34.11   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.00    | 0.00       | 191.78  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.38   | -0.39   | -0.31   | -0.36      |         | ppb   |
| Phosphorus | 31-2  | 23.72   | -2.60   | 23.49   | 14.87      | 101.72  | ppb   |
| Potassium  | 39-2  | 3.09    | 8.06    | 9.50    | 6.88       | 48.85   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | -2.16   | 1.01    | -2.16   | -1.10      |         | ppb   |
| Selenium   | 78-2  | 0.14    | 0.15    | -0.35   | -0.02      |         | ppb   |
| Selenium   | 82-1  | -0.08   | 0.29    | 0.34    | 0.18       | 124.56  | ppb   |
| Silicon    | 28-1  | -18.87  | -18.26  | -18.04  | -18.39     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 12.32   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 21.72   | ppb   |
| Sodium     | 23-2  | 34.81   | 35.09   | 31.02   | 33.64      | 6.77    | ppb   |
| Strontium  | 86-1  | -0.05   | -0.01   | 0.02    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -673.77 | -613.36 | -363.36 | -550.16    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.03    | 0.01    | 0.02       | 40.93   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.03       | 4.06    | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.07   | -0.03      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.04   | 0.01    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.02    | 0.02    | 0.01       | 52.57   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 0.03    | 0.01    | -0.03   | 0.01       | 687.57  | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.03       | 25.98   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:55:04 | DataFile Name :   | 036CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.01    | 0.02       | 63.39   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:58:36 | DataFile Name :   | 037LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9864.13  | 9771.02  | 9814.36  | 9816.50    | 0.47    | ppb   |
| Antimony   | 121-1 | 518.29   | 525.97   | 515.06   | 519.77     | 1.08    | ppb   |
| Arsenic    | 75-2  | 499.80   | 502.75   | 495.35   | 499.30     | 0.75    | ppb   |
| Barium     | 135-1 | 2574.99  | 2589.84  | 2555.25  | 2573.36    | 0.67    | ppb   |
| Barium     | 137-1 | 2542.82  | 2585.63  | 2530.37  | 2552.94    | 1.14    | ppb   |
| Beryllium  | 9-1   | 494.31   | 495.73   | 486.58   | 492.21     | 1.00    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 11-1  | 468.27   | 477.45   | 478.74   | 474.82     | 1.20    | ppb   |
| Boron      | 10-1  | 465.25   | 472.06   | 482.42   | 473.24     | 1.83    | ppb   |
| Cadmium    | 106-1 | 524.35   | 512.02   | 512.65   | 516.34     | 1.34    | ppb   |
| Cadmium    | 108-1 | 514.69   | 527.44   | 519.17   | 520.43     | 1.24    | ppb   |
| Cadmium    | 111-1 | 508.02   | 511.36   | 508.95   | 509.44     | 0.34    | ppb   |
| Calcium    | 43-1  | 49588.66 | 49885.37 | 49866.89 | 49780.31   | 0.33    | ppb   |
| Calcium    | 44-1  | 48963.44 | 48851.12 | 49102.58 | 48972.38   | 0.26    | ppb   |
| Chromium   | 52-2  | 502.70   | 501.55   | 501.84   | 502.03     | 0.12    | ppb   |
| Cobalt     | 59-2  | 500.12   | 497.63   | 499.81   | 499.19     | 0.27    | ppb   |
| Copper     | 63-2  | 1024.19  | 1017.59  | 1032.68  | 1024.82    | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 26019.74 | 26041.79 | 26128.09 | 26063.21   | 0.22    | ppb   |
| Iron       | 57-2  | 25724.71 | 25849.49 | 25799.10 | 25791.10   | 0.24    | ppb   |
| Lead       | 206-1 | 517.09   | 515.93   | 500.52   | 511.18     | 1.81    | ppb   |
| Lead       | 207-1 | 506.12   | 508.95   | 503.55   | 506.21     | 0.53    | ppb   |
| Lead       | 208-1 | 509.68   | 506.49   | 506.74   | 507.64     | 0.35    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 51546.14 | 52793.30 | 51900.78 | 52080.07   | 1.23    | ppb   |
| Manganese  | 55-2  | 1002.45  | 1011.87  | 1017.25  | 1010.52    | 0.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:58:36 | DataFile Name :   | 037LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 505.19   | 502.13   | 507.49   | 504.94     | 0.53    | ppb   |
| Molybdenum | 94-1  | 499.36   | 502.54   | 502.72   | 501.54     | 0.38    | ppb   |
| Molybdenum | 95-1  | 495.01   | 499.44   | 510.61   | 501.68     | 1.60    | ppb   |
| Molybdenum | 96-1  | 499.58   | 502.33   | 502.96   | 501.63     | 0.36    | ppb   |
| Molybdenum | 97-1  | 496.30   | 491.45   | 504.24   | 497.33     | 1.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 499.40   | 500.89   | 501.67   | 500.65     | 0.23    | ppb   |
| Phosphorus | 31-2  | 10253.52 | 10652.97 | 10089.36 | 10331.95   | 2.81    | ppb   |
| Potassium  | 39-2  | 25359.77 | 25616.09 | 25703.26 | 25559.71   | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 546.87   | 487.43   | 585.68   | 539.99     | 9.16    | ppb   |
| Selenium   | 78-2  | 514.20   | 529.81   | 494.96   | 512.99     | 3.40    | ppb   |
| Selenium   | 82-1  | 507.25   | 504.64   | 506.33   | 506.08     | 0.26    | ppb   |
| Silicon    | 28-1  | 489.90   | 493.51   | 501.57   | 494.99     | 1.21    | ppb   |
| Silver     | 109-1 | 522.98   | 527.00   | 521.69   | 523.89     | 0.53    | ppb   |
| Silver     | 107-1 | 525.06   | 526.02   | 527.51   | 526.20     | 0.23    | ppb   |
| Sodium     | 23-2  | 51249.24 | 50866.50 | 51007.80 | 51041.18   | 0.38    | ppb   |
| Strontium  | 86-1  | 503.46   | 499.82   | 505.01   | 502.76     | 0.53    | ppb   |
| Strontium  | 88-1  | 496.12   | 498.66   | 500.75   | 498.51     | 0.47    | ppb   |
| Sulfur     | 34-1  | 11808.04 | 11648.83 | 11656.23 | 11704.36   | 0.77    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 519.53   | 504.10   | 509.35   | 510.99     | 1.54    | ppb   |
| Thallium   | 205-1 | 508.86   | 505.38   | 501.96   | 505.40     | 0.68    | ppb   |
| Tin        | 118-1 | 516.35   | 524.68   | 516.89   | 519.31     | 0.90    | ppb   |
| Titanium   | 47-1  | 494.89   | 492.87   | 492.09   | 493.28     | 0.29    | ppb   |
| Uranium    | 238-1 | 495.14   | 492.48   | 491.49   | 493.04     | 0.38    | ppb   |
| Vanadium   | 51-2  | 501.35   | 501.89   | 500.22   | 501.15     | 0.17    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 986.72   | 988.04   | 988.90   | 987.88     | 0.11    | ppb   |
| Zirconium  | 90-1  | 496.05   | 494.58   | 502.50   | 497.71     | 0.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:58:36 | DataFile Name :   | 037LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 502.76  | 497.91  | 499.95  | 500.21     | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-A       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:01:34 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.45     | 2.39     | 1.44     | 1.76       | 31.21   | ppb   |
| Antimony   | 121-1 | 0.77     | 0.77     | 0.78     | 0.77       | 0.51    | ppb   |
| Arsenic    | 75-2  | 0.32     | 0.32     | 0.36     | 0.33       | 5.97    | ppb   |
| Barium     | 135-1 | 71.50    | 73.75    | 73.18    | 72.81      | 1.60    | ppb   |
| Barium     | 137-1 | 71.39    | 73.67    | 73.74    | 72.93      | 1.84    | ppb   |
| Beryllium  | 9-1   | 0.07     | 0.04     | 0.03     | 0.05       | 49.76   | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 11-1  | 68.43    | 67.88    | 71.58    | 69.30      | 2.88    | ppb   |
| Boron      | 10-1  | 70.46    | 69.00    | 69.69    | 69.72      | 1.04    | ppb   |
| Cadmium    | 106-1 | -2.20    | -2.74    | -2.23    | -2.39      |         | ppb   |
| Cadmium    | 108-1 | 0.19     | 0.19     | 0.20     | 0.19       | 3.73    | ppb   |
| Cadmium    | 111-1 | -0.07    | -0.14    | -0.10    | -0.10      |         | ppb   |
| Calcium    | 43-1  | 33664.92 | 33814.89 | 34269.01 | 33916.27   | 0.93    | ppb   |
| Calcium    | 44-1  | 33894.38 | 33854.73 | 34186.90 | 33978.67   | 0.53    | ppb   |
| Chromium   | 52-2  | -0.05    | -0.14    | -0.08    | -0.09      |         | ppb   |
| Cobalt     | 59-2  | 0.20     | 0.15     | 0.19     | 0.18       | 16.08   | ppb   |
| Copper     | 63-2  | 1332.41  | 1328.32  | 1321.96  | 1327.57    | 0.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 9.88     | 10.20    | 9.74     | 9.94       | 2.37    | ppb   |
| Iron       | 57-2  | 7.97     | 9.67     | 10.07    | 9.23       | 12.11   | ppb   |
| Lead       | 206-1 | 0.32     | 0.34     | 0.32     | 0.33       | 3.02    | ppb   |
| Lead       | 207-1 | 0.30     | 0.28     | 0.32     | 0.30       | 7.74    | ppb   |
| Lead       | 208-1 | 0.32     | 0.30     | 0.31     | 0.31       | 3.99    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 11284.19 | 11001.33 | 11109.43 | 11131.65   | 1.28    | ppb   |
| Manganese  | 55-2  | 28.87    | 29.52    | 29.16    | 29.18      | 1.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-A       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:01:34 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.34     | 1.35     | 1.34     | 1.34       | 0.52    | ppb   |
| Molybdenum | 94-1  | 0.41     | 0.44     | 0.45     | 0.43       | 4.89    | ppb   |
| Molybdenum | 95-1  | 1.28     | 1.29     | 1.23     | 1.26       | 2.49    | ppb   |
| Molybdenum | 96-1  | 1.09     | 1.11     | 1.15     | 1.12       | 2.81    | ppb   |
| Molybdenum | 97-1  | 1.27     | 1.30     | 1.34     | 1.30       | 2.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 39.73    | 38.60    | 38.63    | 38.99      | 1.66    | ppb   |
| Phosphorus | 31-2  | 35.56    | 151.49   | 35.37    | 74.14      | 90.35   | ppb   |
| Potassium  | 39-2  | 3137.57  | 3053.17  | 3066.09  | 3085.61    | 1.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | -2.16    | 0.96     | 0.91     | -0.10      |         | ppb   |
| Selenium   | 78-2  | -0.87    | 1.13     | 0.12     | 0.13       | 780.62  | ppb   |
| Selenium   | 82-1  | 0.28     | 0.93     | 0.61     | 0.60       | 54.04   | ppb   |
| Silicon    | 28-1  | 4653.78  | 4635.84  | 4675.67  | 4655.10    | 0.43    | ppb   |
| Silver     | 109-1 | 0.41     | 0.41     | 0.40     | 0.41       | 1.26    | ppb   |
| Silver     | 107-1 | 0.42     | 0.38     | 0.42     | 0.41       | 4.72    | ppb   |
| Sodium     | 23-2  | 39305.00 | 38637.72 | 38778.77 | 38907.17   | 0.90    | ppb   |
| Strontium  | 86-1  | 201.10   | 200.86   | 202.33   | 201.43     | 0.39    | ppb   |
| Strontium  | 88-1  | 203.52   | 203.53   | 207.59   | 204.88     | 1.14    | ppb   |
| Sulfur     | 34-1  | 19178.94 | 18727.75 | 19401.09 | 19102.59   | 1.80    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.20     | 0.13     | 0.09     | 0.14       | 40.45   | ppb   |
| Thallium   | 205-1 | 0.20     | 0.12     | 0.11     | 0.14       | 35.61   | ppb   |
| Tin        | 118-1 | 0.82     | 0.78     | 0.81     | 0.81       | 2.62    | ppb   |
| Titanium   | 47-1  | 0.15     | 0.15     | 0.20     | 0.17       | 17.72   | ppb   |
| Uranium    | 238-1 | 0.07     | 0.07     | 0.08     | 0.08       | 8.25    | ppb   |
| Vanadium   | 51-2  | 0.59     | 0.68     | 0.62     | 0.63       | 7.70    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 512.79   | 502.92   | 510.92   | 508.88     | 1.03    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.05     | 0.05     | 0.05       | 13.88   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-A       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:01:34 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 28.79   | ppb   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-01DUP Instrumnet Name : P8  
 Client Sample ID : INFANT-ROOM-ADUP Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:04:41 DataFile Name : 039SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.17     | -0.40    | 5.90     | 2.56       | 123.87  | ppb   |
| Antimony   | 121-1 | 0.44     | 0.52     | 0.49     | 0.48       | 8.38    | ppb   |
| Arsenic    | 75-2  | 0.24     | 0.27     | 0.34     | 0.29       | 17.92   | ppb   |
| Barium     | 135-1 | 72.06    | 71.49    | 72.24    | 71.93      | 0.54    | ppb   |
| Barium     | 137-1 | 72.31    | 73.30    | 73.38    | 73.00      | 0.82    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.04     | 0.04     | 0.04       | 12.02   | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 11-1  | 62.80    | 62.46    | 63.23    | 62.83      | 0.61    | ppb   |
| Boron      | 10-1  | 60.67    | 65.01    | 63.15    | 62.94      | 3.46    | ppb   |
| Cadmium    | 106-1 | -1.74    | -1.76    | -2.55    | -2.02      |         | ppb   |
| Cadmium    | 108-1 | 0.19     | 0.17     | 0.11     | 0.16       | 26.07   | ppb   |
| Cadmium    | 111-1 | -0.09    | -0.10    | -0.14    | -0.11      |         | ppb   |
| Calcium    | 43-1  | 33603.22 | 33508.12 | 33692.45 | 33601.27   | 0.27    | ppb   |
| Calcium    | 44-1  | 33621.01 | 33910.04 | 33791.52 | 33774.19   | 0.43    | ppb   |
| Chromium   | 52-2  | -0.20    | -0.11    | -0.15    | -0.16      |         | ppb   |
| Cobalt     | 59-2  | 0.17     | 0.18     | 0.16     | 0.17       | 4.81    | ppb   |
| Copper     | 63-2  | 1293.65  | 1334.94  | 1316.72  | 1315.10    | 1.57    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 9.33     | 9.24     | 9.68     | 9.42       | 2.44    | ppb   |
| Iron       | 57-2  | 10.07    | 9.98     | 11.79    | 10.61      | 9.63    | ppb   |
| Lead       | 206-1 | 0.30     | 0.28     | 0.29     | 0.29       | 3.88    | ppb   |
| Lead       | 207-1 | 0.27     | 0.26     | 0.25     | 0.26       | 3.27    | ppb   |
| Lead       | 208-1 | 0.28     | 0.27     | 0.26     | 0.27       | 3.15    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 10685.90 | 10918.52 | 10909.06 | 10837.83   | 1.21    | ppb   |
| Manganese  | 55-2  | 28.56    | 29.25    | 27.77    | 28.53      | 2.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-ADUP    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:04:41 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.22     | 1.27     | 1.30     | 1.26       | 3.41    | ppb   |
| Molybdenum | 94-1  | 0.39     | 0.43     | 0.40     | 0.41       | 5.24    | ppb   |
| Molybdenum | 95-1  | 1.24     | 1.30     | 1.26     | 1.26       | 2.36    | ppb   |
| Molybdenum | 96-1  | 1.04     | 1.12     | 1.13     | 1.10       | 4.11    | ppb   |
| Molybdenum | 97-1  | 1.19     | 1.51     | 1.22     | 1.31       | 13.38   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 38.00    | 39.43    | 38.74    | 38.72      | 1.84    | ppb   |
| Phosphorus | 31-2  | 131.16   | 85.51    | 85.13    | 100.60     | 26.31   | ppb   |
| Potassium  | 39-2  | 2926.33  | 2989.85  | 2988.77  | 2968.31    | 1.23    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | 0.92     | -1.13      |         | ppb   |
| Selenium   | 78-2  | 0.11     | 0.63     | 0.62     | 0.45       | 65.06   | ppb   |
| Selenium   | 82-1  | 0.05     | -0.33    | 0.27     | -0.01      |         | ppb   |
| Silicon    | 28-1  | 4561.76  | 4583.12  | 4596.59  | 4580.49    | 0.38    | ppb   |
| Silver     | 109-1 | 0.29     | 0.26     | 0.27     | 0.27       | 6.11    | ppb   |
| Silver     | 107-1 | 0.26     | 0.26     | 0.23     | 0.25       | 6.51    | ppb   |
| Sodium     | 23-2  | 37663.04 | 38671.80 | 38452.12 | 38262.32   | 1.39    | ppb   |
| Strontium  | 86-1  | 197.90   | 201.65   | 202.18   | 200.58     | 1.16    | ppb   |
| Strontium  | 88-1  | 203.98   | 203.40   | 204.00   | 203.80     | 0.17    | ppb   |
| Sulfur     | 34-1  | 18564.64 | 18392.77 | 18537.38 | 18498.27   | 0.50    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 37.91   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 15.56   | ppb   |
| Tin        | 118-1 | 0.69     | 0.67     | 0.69     | 0.68       | 1.92    | ppb   |
| Titanium   | 47-1  | 0.13     | 0.23     | 0.02     | 0.13       | 84.93   | ppb   |
| Uranium    | 238-1 | 0.07     | 0.08     | 0.07     | 0.07       | 11.58   | ppb   |
| Vanadium   | 51-2  | 0.66     | 0.61     | 0.59     | 0.62       | 5.68    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 489.22   | 506.10   | 506.15   | 500.49     | 1.95    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.04     | 0.03       | 28.65   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-ADUP    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:04:41 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.04    | 0.03       | 36.24   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-01LX5 Instrumnet Name : P8  
 Client Sample ID : INFANT-ROOM-AL Dilution Factor : 5  
 Date & Time Acquired :: 2017-08-16 15:07:48 DataFile Name : 040SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.34    | -0.34   | 1.58    | 1.86       | 126.39  | ppb   |
| Antimony   | 121-1 | 0.12    | 0.14    | 0.11    | 0.12       | 12.41   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.02    | 0.10    | 0.05       | 110.73  | ppb   |
| Barium     | 135-1 | 13.72   | 14.21   | 14.04   | 13.99      | 1.80    | ppb   |
| Barium     | 137-1 | 13.55   | 14.26   | 14.13   | 13.98      | 2.70    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.04    | 0.02       | 61.04   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 11-1  | 18.46   | 18.31   | 18.77   | 18.51      | 1.29    | ppb   |
| Boron      | 10-1  | 18.19   | 17.96   | 17.57   | 17.91      | 1.74    | ppb   |
| Cadmium    | 106-1 | -1.69   | -2.76   | -1.38   | -1.95      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.08   | -0.02   | -0.04      |         | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.19   | -0.08   | -0.13      |         | ppb   |
| Calcium    | 43-1  | 6539.95 | 6592.05 | 6636.26 | 6589.42    | 0.73    | ppb   |
| Calcium    | 44-1  | 6693.26 | 6683.09 | 6780.60 | 6718.98    | 0.80    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.02    | 0.09    | 0.04       | 89.91   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.04    | 0.03       | 24.77   | ppb   |
| Copper     | 63-2  | 256.40  | 255.13  | 257.04  | 256.19     | 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 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 2.76    | 2.80    | 2.48    | 2.68       | 6.46    | ppb   |
| Iron       | 57-2  | 4.90    | 3.52    | 1.93    | 3.45       | 43.02   | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.04    | 0.04       | 23.00   | ppb   |
| Lead       | 207-1 | 0.03    | 0.04    | 0.04    | 0.03       | 6.89    | ppb   |
| Lead       | 208-1 | 0.03    | 0.05    | 0.05    | 0.04       | 21.20   | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 2113.19 | 2145.02 | 2132.02 | 2130.08    | 0.75    | ppb   |
| Manganese  | 55-2  | 5.66    | 6.15    | 5.69    | 5.84       | 4.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AL      | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 15:07:48 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.30    | 0.25    | 0.27    | 0.27       | 10.30   | ppb   |
| Molybdenum | 94-1  | 0.08    | 0.11    | 0.11    | 0.10       | 18.36   | ppb   |
| Molybdenum | 95-1  | 0.24    | 0.22    | 0.26    | 0.24       | 8.22    | ppb   |
| Molybdenum | 96-1  | 0.20    | 0.22    | 0.22    | 0.22       | 6.21    | ppb   |
| Molybdenum | 97-1  | 0.30    | 0.24    | 0.29    | 0.28       | 11.44   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.56    | 7.48    | 7.97    | 7.67       | 3.39    | ppb   |
| Phosphorus | 31-2  | 36.68   | -2.45   | 37.37   | 23.87      | 95.51   | ppb   |
| Potassium  | 39-2  | 588.04  | 568.26  | 577.78  | 578.03     | 1.71    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.67    | 0.16    | -0.36   | 0.16       | 326.49  | ppb   |
| Selenium   | 82-1  | -0.01   | -0.47   | 0.54    | 0.02       | 2160.44 | ppb   |
| Silicon    | 28-1  | 877.22  | 878.75  | 894.74  | 883.57     | 1.10    | ppb   |
| Silver     | 109-1 | 0.08    | 0.09    | 0.08    | 0.09       | 7.25    | ppb   |
| Silver     | 107-1 | 0.07    | 0.09    | 0.08    | 0.08       | 17.75   | ppb   |
| Sodium     | 23-2  | 7410.76 | 7385.66 | 7482.62 | 7426.35    | 0.68    | ppb   |
| Strontium  | 86-1  | 39.46   | 39.53   | 39.73   | 39.57      | 0.36    | ppb   |
| Strontium  | 88-1  | 39.37   | 39.42   | 39.86   | 39.55      | 0.67    | ppb   |
| Sulfur     | 34-1  | 3864.34 | 3704.65 | 3845.26 | 3804.75    | 2.29    | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | 170.24  | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 41.99   | ppb   |
| Tin        | 118-1 | 0.07    | 0.04    | 0.05    | 0.05       | 30.52   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.05   | 0.04    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.01    | 0.02    | 0.01    | 0.01       | 1.73    | ppb   |
| Vanadium   | 51-2  | 0.09    | 0.17    | 0.15    | 0.13       | 32.25   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 102.39  | 98.63   | 101.40  | 100.81     | 1.93    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.02       | 24.46   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AL      | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 15:07:48 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 42.60   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMS     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:10:57 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9978.36  | 9745.63  | 9841.59  | 9855.19    | 1.19    | ppb   |
| Antimony   | 121-1 | 568.31   | 566.12   | 567.16   | 567.20     | 0.19    | ppb   |
| Arsenic    | 75-2  | 552.38   | 556.39   | 552.87   | 553.88     | 0.39    | ppb   |
| Barium     | 135-1 | 2723.81  | 2755.78  | 2742.05  | 2740.55    | 0.59    | ppb   |
| Barium     | 137-1 | 2735.28  | 2731.91  | 2733.91  | 2733.70    | 0.06    | ppb   |
| Beryllium  | 9-1   | 546.10   | 540.15   | 537.58   | 541.28     | 0.81    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 11-1  | 534.19   | 533.34   | 538.02   | 535.18     | 0.47    | ppb   |
| Boron      | 10-1  | 542.44   | 536.24   | 539.21   | 539.30     | 0.57    | ppb   |
| Cadmium    | 106-1 | 575.24   | 557.79   | 560.71   | 564.58     | 1.66    | ppb   |
| Cadmium    | 108-1 | 562.94   | 564.45   | 569.62   | 565.67     | 0.62    | ppb   |
| Cadmium    | 111-1 | 562.83   | 562.34   | 561.34   | 562.17     | 0.14    | ppb   |
| Calcium    | 43-1  | 87525.86 | 86216.27 | 86734.30 | 86825.48   | 0.76    | ppb   |
| Calcium    | 44-1  | 86033.44 | 85386.61 | 86094.04 | 85838.03   | 0.46    | ppb   |
| Chromium   | 52-2  | 562.40   | 550.69   | 568.45   | 560.51     | 1.61    | ppb   |
| Cobalt     | 59-2  | 561.88   | 550.25   | 561.30   | 557.81     | 1.18    | ppb   |
| Copper     | 63-2  | 2270.17  | 2266.00  | 2304.00  | 2280.06    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 26454.99 | 26205.77 | 26764.05 | 26474.94   | 1.06    | ppb   |
| Iron       | 57-2  | 26430.60 | 26038.54 | 26544.23 | 26337.79   | 1.01    | ppb   |
| Lead       | 206-1 | 565.27   | 560.87   | 548.38   | 558.17     | 1.57    | ppb   |
| Lead       | 207-1 | 559.90   | 556.37   | 542.35   | 552.87     | 1.68    | ppb   |
| Lead       | 208-1 | 559.08   | 557.96   | 543.38   | 553.47     | 1.58    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 66366.73 | 65203.00 | 67282.38 | 66284.04   | 1.57    | ppb   |
| Manganese  | 55-2  | 1074.63  | 1055.82  | 1082.19  | 1070.88    | 1.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMS     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:10:57 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 523.94   | 525.24   | 522.39   | 523.86     | 0.27    | ppb   |
| Molybdenum | 94-1  | 538.35   | 538.48   | 539.10   | 538.65     | 0.07    | ppb   |
| Molybdenum | 95-1  | 524.27   | 529.76   | 526.50   | 526.84     | 0.52    | ppb   |
| Molybdenum | 96-1  | 528.37   | 531.43   | 532.75   | 530.85     | 0.42    | ppb   |
| Molybdenum | 97-1  | 520.19   | 532.11   | 525.91   | 526.07     | 1.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 592.60   | 586.97   | 595.54   | 591.70     | 0.74    | ppb   |
| Phosphorus | 31-2  | 135.79   | 171.32   | 151.78   | 152.96     | 11.63   | ppb   |
| Potassium  | 39-2  | 29036.87 | 28236.61 | 29069.43 | 28780.97   | 1.64    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 528.46   | 657.03   | 475.97   | 553.82     | 16.82   | ppb   |
| Selenium   | 78-2  | 541.86   | 571.03   | 561.78   | 558.22     | 2.67    | ppb   |
| Selenium   | 82-1  | 559.41   | 558.07   | 555.25   | 557.57     | 0.38    | ppb   |
| Silicon    | 28-1  | 5033.74  | 4991.37  | 5054.03  | 5026.38    | 0.64    | ppb   |
| Silver     | 109-1 | 544.40   | 543.96   | 544.30   | 544.22     | 0.04    | ppb   |
| Silver     | 107-1 | 545.98   | 541.99   | 549.06   | 545.67     | 0.65    | ppb   |
| Sodium     | 23-2  | 93027.76 | 91083.14 | 92826.74 | 92312.55   | 1.16    | ppb   |
| Strontium  | 86-1  | 201.46   | 202.75   | 199.35   | 201.19     | 0.85    | ppb   |
| Strontium  | 88-1  | 205.84   | 203.22   | 203.25   | 204.10     | 0.74    | ppb   |
| Sulfur     | 34-1  | 18985.02 | 18248.15 | 18409.54 | 18547.57   | 2.09    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 581.12   | 572.70   | 554.63   | 569.48     | 2.38    | ppb   |
| Thallium   | 205-1 | 568.66   | 569.68   | 550.02   | 562.79     | 1.97    | ppb   |
| Tin        | 118-1 | 546.72   | 541.67   | 549.41   | 545.93     | 0.72    | ppb   |
| Titanium   | 47-1  | 515.09   | 512.75   | 515.59   | 514.48     | 0.29    | ppb   |
| Uranium    | 238-1 | 545.65   | 538.77   | 538.40   | 540.94     | 0.75    | ppb   |
| Vanadium   | 51-2  | 551.86   | 540.77   | 553.97   | 548.87     | 1.29    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 1504.11  | 1495.22  | 1514.40  | 1504.58    | 0.64    | ppb   |
| Zirconium  | 90-1  | 545.51   | 540.79   | 543.00   | 543.10     | 0.43    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMS     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:10:57 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 552.29  | 543.24  | 544.88  | 546.80     | 0.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMSD    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:13:54 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9993.73  | 9787.09  | 9690.87  | 9823.90    | 1.58    | ppb   |
| Antimony   | 121-1 | 553.31   | 565.43   | 569.63   | 562.79     | 1.51    | ppb   |
| Arsenic    | 75-2  | 559.00   | 567.33   | 571.29   | 565.87     | 1.11    | ppb   |
| Barium     | 135-1 | 2677.46  | 2715.50  | 2737.80  | 2710.25    | 1.13    | ppb   |
| Barium     | 137-1 | 2704.83  | 2719.17  | 2736.13  | 2720.04    | 0.58    | ppb   |
| Beryllium  | 9-1   | 549.62   | 541.42   | 554.89   | 548.64     | 1.24    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 11-1  | 547.14   | 550.16   | 569.74   | 555.68     | 2.21    | ppb   |
| Boron      | 10-1  | 549.24   | 545.11   | 567.98   | 554.11     | 2.20    | ppb   |
| Cadmium    | 106-1 | 546.80   | 563.56   | 559.44   | 556.60     | 1.57    | ppb   |
| Cadmium    | 108-1 | 558.56   | 558.81   | 560.95   | 559.44     | 0.24    | ppb   |
| Cadmium    | 111-1 | 548.90   | 560.25   | 559.96   | 556.37     | 1.16    | ppb   |
| Calcium    | 43-1  | 85794.08 | 87585.30 | 86796.12 | 86725.17   | 1.04    | ppb   |
| Calcium    | 44-1  | 85363.72 | 85163.69 | 84876.69 | 85134.70   | 0.29    | ppb   |
| Chromium   | 52-2  | 560.10   | 553.23   | 554.85   | 556.06     | 0.65    | ppb   |
| Cobalt     | 59-2  | 562.96   | 548.15   | 554.84   | 555.32     | 1.34    | ppb   |
| Copper     | 63-2  | 2301.37  | 2231.07  | 2266.54  | 2266.32    | 1.55    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 26576.36 | 26185.21 | 26560.95 | 26440.84   | 0.84    | ppb   |
| Iron       | 57-2  | 26429.70 | 26135.50 | 26084.08 | 26216.43   | 0.71    | ppb   |
| Lead       | 206-1 | 558.25   | 563.31   | 557.75   | 559.77     | 0.55    | ppb   |
| Lead       | 207-1 | 549.56   | 553.80   | 556.03   | 553.13     | 0.59    | ppb   |
| Lead       | 208-1 | 551.17   | 555.55   | 556.81   | 554.51     | 0.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 63558.62 | 62807.73 | 64026.11 | 63464.15   | 0.97    | ppb   |
| Manganese  | 55-2  | 1075.19  | 1062.49  | 1068.66  | 1068.78    | 0.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMSD    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:13:54 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 531.11   | 529.06   | 525.50   | 528.56     | 0.54    | ppb   |
| Molybdenum | 94-1  | 543.31   | 542.29   | 538.88   | 541.49     | 0.43    | ppb   |
| Molybdenum | 95-1  | 530.42   | 523.60   | 525.78   | 526.60     | 0.66    | ppb   |
| Molybdenum | 96-1  | 540.70   | 530.23   | 527.32   | 532.75     | 1.32    | ppb   |
| Molybdenum | 97-1  | 536.66   | 524.92   | 521.67   | 527.75     | 1.49    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 597.09   | 586.87   | 596.78   | 593.58     | 0.98    | ppb   |
| Phosphorus | 31-2  | 46.80    | 83.81    | 72.25    | 67.62      | 28.00   | ppb   |
| Potassium  | 39-2  | 28918.88 | 28099.69 | 28467.28 | 28495.28   | 1.44    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | 539.32   | 641.22   | 622.24   | 600.93     | 9.02    | ppb   |
| Selenium   | 78-2  | 546.96   | 555.99   | 571.36   | 558.10     | 2.21    | ppb   |
| Selenium   | 82-1  | 561.45   | 563.27   | 560.91   | 561.88     | 0.22    | ppb   |
| Silicon    | 28-1  | 4914.90  | 4932.74  | 4929.36  | 4925.67    | 0.19    | ppb   |
| Silver     | 109-1 | 534.24   | 538.52   | 539.03   | 537.26     | 0.49    | ppb   |
| Silver     | 107-1 | 528.59   | 541.53   | 537.74   | 535.95     | 1.24    | ppb   |
| Sodium     | 23-2  | 92452.88 | 89978.45 | 91450.26 | 91293.86   | 1.36    | ppb   |
| Strontium  | 86-1  | 200.60   | 199.31   | 199.71   | 199.87     | 0.33    | ppb   |
| Strontium  | 88-1  | 204.78   | 202.46   | 201.32   | 202.85     | 0.87    | ppb   |
| Sulfur     | 34-1  | 17243.23 | 17540.41 | 17341.57 | 17375.07   | 0.87    | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 574.19   | 579.53   | 577.34   | 577.02     | 0.47    | ppb   |
| Thallium   | 205-1 | 565.32   | 572.50   | 566.04   | 567.95     | 0.70    | ppb   |
| Tin        | 118-1 | 532.37   | 538.67   | 544.53   | 538.52     | 1.13    | ppb   |
| Titanium   | 47-1  | 508.80   | 514.21   | 510.50   | 511.17     | 0.54    | ppb   |
| Uranium    | 238-1 | 536.58   | 547.71   | 551.30   | 545.20     | 1.41    | ppb   |
| Vanadium   | 51-2  | 553.02   | 542.03   | 545.19   | 546.75     | 1.03    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 1503.80  | 1480.45  | 1491.10  | 1491.78    | 0.78    | ppb   |
| Zirconium  | 90-1  | 542.64   | 545.04   | 539.93   | 542.54     | 0.47    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMSD    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:13:54 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 548.67  | 543.90  | 545.41  | 545.99     | 0.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AA      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:16:52 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9819.65  | 9926.16  | 9756.96  | 9834.26    | 0.87    | ppb   |
| Antimony   | 121-1 | 556.88   | 559.40   | 565.83   | 560.70     | 0.82    | ppb   |
| Arsenic    | 75-2  | 560.86   | 561.59   | 566.13   | 562.86     | 0.51    | ppb   |
| Barium     | 135-1 | 2688.98  | 2716.69  | 2750.62  | 2718.76    | 1.14    | ppb   |
| Barium     | 137-1 | 2663.78  | 2690.96  | 2720.64  | 2691.79    | 1.06    | ppb   |
| Beryllium  | 9-1   | 543.83   | 546.57   | 541.94   | 544.11     | 0.43    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 11-1  | 548.10   | 555.93   | 569.24   | 557.76     | 1.92    | ppb   |
| Boron      | 10-1  | 556.24   | 564.64   | 555.91   | 558.93     | 0.89    | ppb   |
| Cadmium    | 106-1 | 552.10   | 563.94   | 561.46   | 559.17     | 1.12    | ppb   |
| Cadmium    | 108-1 | 556.41   | 559.59   | 563.88   | 559.96     | 0.67    | ppb   |
| Cadmium    | 111-1 | 551.06   | 558.99   | 565.71   | 558.59     | 1.31    | ppb   |
| Calcium    | 43-1  | 86234.71 | 84864.31 | 85211.17 | 85436.73   | 0.83    | ppb   |
| Calcium    | 44-1  | 85003.13 | 85579.11 | 85727.78 | 85436.67   | 0.45    | ppb   |
| Chromium   | 52-2  | 558.17   | 576.07   | 554.27   | 562.84     | 2.07    | ppb   |
| Cobalt     | 59-2  | 552.40   | 577.70   | 545.84   | 558.64     | 3.01    | ppb   |
| Copper     | 63-2  | 2272.40  | 2356.86  | 2276.11  | 2301.79    | 2.07    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 26362.50 | 27334.56 | 26484.42 | 26727.16   | 1.98    | ppb   |
| Iron       | 57-2  | 26279.26 | 27239.96 | 26137.95 | 26552.39   | 2.26    | ppb   |
| Lead       | 206-1 | 569.15   | 566.63   | 558.46   | 564.74     | 0.99    | ppb   |
| Lead       | 207-1 | 558.63   | 560.96   | 552.74   | 557.44     | 0.76    | ppb   |
| Lead       | 208-1 | 560.79   | 560.97   | 552.81   | 558.19     | 0.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 65609.28 | 67123.79 | 65411.01 | 66048.03   | 1.42    | ppb   |
| Manganese  | 55-2  | 1060.52  | 1080.44  | 1063.93  | 1068.30    | 1.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AA      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:16:52 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 529.03   | 526.98   | 528.76   | 528.25     | 0.21    | ppb   |
| Molybdenum | 94-1  | 533.29   | 539.61   | 544.34   | 539.08     | 1.03    | ppb   |
| Molybdenum | 95-1  | 524.44   | 533.16   | 530.47   | 529.36     | 0.84    | ppb   |
| Molybdenum | 96-1  | 530.59   | 538.24   | 534.19   | 534.34     | 0.72    | ppb   |
| Molybdenum | 97-1  | 527.55   | 524.20   | 524.86   | 525.54     | 0.34    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 586.91   | 613.96   | 594.11   | 598.33     | 2.34    | ppb   |
| Phosphorus | 31-2  | 109.40   | 88.48    | 109.47   | 102.45     | 11.81   | ppb   |
| Potassium  | 39-2  | 28326.54 | 29072.83 | 28173.88 | 28524.42   | 1.69    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 595.92   | 534.77   | 556.83   | 562.51     | 5.50    | ppb   |
| Selenium   | 78-2  | 568.58   | 554.78   | 546.10   | 556.49     | 2.04    | ppb   |
| Selenium   | 82-1  | 563.31   | 565.70   | 566.08   | 565.03     | 0.27    | ppb   |
| Silicon    | 28-1  | 4971.82  | 4892.40  | 4936.98  | 4933.73    | 0.81    | ppb   |
| Silver     | 109-1 | 535.93   | 535.28   | 545.42   | 538.88     | 1.05    | ppb   |
| Silver     | 107-1 | 534.99   | 536.17   | 544.70   | 538.62     | 0.98    | ppb   |
| Sodium     | 23-2  | 92589.11 | 95138.31 | 92502.86 | 93410.09   | 1.60    | ppb   |
| Strontium  | 86-1  | 201.79   | 202.33   | 200.59   | 201.57     | 0.44    | ppb   |
| Strontium  | 88-1  | 205.13   | 204.39   | 202.81   | 204.11     | 0.58    | ppb   |
| Sulfur     | 34-1  | 17362.92 | 17722.18 | 17342.56 | 17475.89   | 1.22    | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 581.68   | 574.48   | 567.80   | 574.65     | 1.21    | ppb   |
| Thallium   | 205-1 | 578.22   | 574.19   | 564.26   | 572.23     | 1.26    | ppb   |
| Tin        | 118-1 | 533.06   | 534.98   | 548.79   | 538.94     | 1.59    | ppb   |
| Titanium   | 47-1  | 505.16   | 505.46   | 510.53   | 507.05     | 0.59    | ppb   |
| Uranium    | 238-1 | 544.44   | 542.69   | 536.80   | 541.31     | 0.74    | ppb   |
| Vanadium   | 51-2  | 544.12   | 563.51   | 544.70   | 550.78     | 2.00    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 1487.31  | 1545.29  | 1504.28  | 1512.29    | 1.97    | ppb   |
| Zirconium  | 90-1  | 547.06   | 544.83   | 549.60   | 547.16     | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AA      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:16:52 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 542.55  | 548.65  | 543.00  | 544.73     | 0.62    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-02 Instrumnet Name : P8  
 Client Sample ID : 1ST-FLOOR-FOUNTAIN- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:19:50 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.09     | 4.94     | 3.17     | 4.40       | 24.34   | ppb   |
| Antimony   | 121-1 | 0.66     | 0.67     | 0.64     | 0.66       | 2.22    | ppb   |
| Arsenic    | 75-2  | 0.36     | 0.33     | 0.31     | 0.33       | 7.59    | ppb   |
| Barium     | 135-1 | 70.50    | 71.87    | 72.16    | 71.51      | 1.24    | ppb   |
| Barium     | 137-1 | 71.05    | 73.70    | 72.17    | 72.31      | 1.84    | ppb   |
| Beryllium  | 9-1   | 0.14     | 0.12     | 0.15     | 0.14       | 12.71   | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 11-1  | 92.97    | 90.30    | 89.84    | 91.03      | 1.86    | ppb   |
| Boron      | 10-1  | 91.67    | 88.41    | 91.29    | 90.46      | 1.97    | ppb   |
| Cadmium    | 106-1 | -2.84    | -1.44    | -1.56    | -1.95      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | 0.10     | 0.16     | 0.08       | 96.37   | ppb   |
| Cadmium    | 111-1 | -0.09    | -0.02    | -0.01    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 37531.14 | 37738.97 | 37477.63 | 37582.58   | 0.37    | ppb   |
| Calcium    | 44-1  | 37832.83 | 37810.40 | 37869.73 | 37837.65   | 0.08    | ppb   |
| Chromium   | 52-2  | 0.02     | -0.02    | -0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.20     | 0.19     | 0.18     | 0.19       | 5.28    | ppb   |
| Copper     | 63-2  | 1319.65  | 1297.35  | 1301.05  | 1306.01    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 29.89    | 28.92    | 29.00    | 29.27      | 1.85    | ppb   |
| Iron       | 57-2  | 29.73    | 33.05    | 30.21    | 31.00      | 5.80    | ppb   |
| Lead       | 206-1 | 0.23     | 0.22     | 0.22     | 0.22       | 2.96    | ppb   |
| Lead       | 207-1 | 0.22     | 0.20     | 0.24     | 0.22       | 9.98    | ppb   |
| Lead       | 208-1 | 0.22     | 0.22     | 0.22     | 0.22       | 1.61    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 11251.51 | 10973.83 | 10771.18 | 10998.84   | 2.19    | ppb   |
| Manganese  | 55-2  | 28.98    | 28.92    | 29.18    | 29.03      | 0.47    | ppb   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-02 Instrumnet Name : P8  
 Client Sample ID : 1ST-FLOOR-FOUNTAIN- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:19:50 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.66     | 1.60     | 1.58     | 1.61       | 2.62    | ppb   |
| Molybdenum | 94-1  | 0.53     | 0.52     | 0.49     | 0.51       | 4.29    | ppb   |
| Molybdenum | 95-1  | 1.66     | 1.54     | 1.63     | 1.61       | 3.70    | ppb   |
| Molybdenum | 96-1  | 1.35     | 1.31     | 1.35     | 1.34       | 2.06    | ppb   |
| Molybdenum | 97-1  | 1.60     | 1.62     | 1.50     | 1.57       | 4.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 26.92    | 27.18    | 26.97    | 27.02      | 0.51    | ppb   |
| Phosphorus | 31-2  | 99.00    | 159.17   | 209.46   | 155.87     | 35.48   | ppb   |
| Potassium  | 39-2  | 2802.56  | 2876.11  | 2744.72  | 2807.80    | 2.35    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 0.94     | 0.94     | -2.16    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.13     | 0.63     | 0.62     | 0.46       | 62.63   | ppb   |
| Selenium   | 82-1  | 0.56     | 0.51     | -0.48    | 0.19       | 301.85  | ppb   |
| Silicon    | 28-1  | 4581.20  | 4591.01  | 4594.56  | 4588.92    | 0.15    | ppb   |
| Silver     | 109-1 | 0.29     | 0.32     | 0.32     | 0.31       | 4.86    | ppb   |
| Silver     | 107-1 | 0.27     | 0.32     | 0.32     | 0.30       | 10.20   | ppb   |
| Sodium     | 23-2  | 39166.71 | 38494.02 | 38188.90 | 38616.55   | 1.30    | ppb   |
| Strontium  | 86-1  | 236.53   | 235.03   | 240.08   | 237.21     | 1.09    | ppb   |
| Strontium  | 88-1  | 240.23   | 242.54   | 244.79   | 242.52     | 0.94    | ppb   |
| Sulfur     | 34-1  | 20134.33 | 20206.01 | 20245.48 | 20195.27   | 0.28    | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.04     | 0.04     | 0.04       | 11.59   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.03     | 0.04       | 11.75   | ppb   |
| Tin        | 118-1 | 11.94    | 12.49    | 12.08    | 12.17      | 2.38    | ppb   |
| Titanium   | 47-1  | 0.06     | 0.28     | 0.13     | 0.16       | 71.13   | ppb   |
| Uranium    | 238-1 | 0.11     | 0.11     | 0.11     | 0.11       | 1.25    | ppb   |
| Vanadium   | 51-2  | 0.70     | 0.73     | 0.73     | 0.72       | 2.49    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 302.04   | 301.26   | 298.40   | 300.57     | 0.64    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.05     | 0.05     | 0.05       | 15.06   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | 1ST-FLOOR-FOUNTAIN- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:19:50 | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.03    | 0.04       | 30.09   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-03 Instrumnet Name : P8  
 Client Sample ID : WADDLERS-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:22:56 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.19     | 4.10     | 12.39    | 6.56       | 77.28   | ppb   |
| Antimony   | 121-1 | 0.51     | 0.51     | 0.48     | 0.50       | 3.57    | ppb   |
| Arsenic    | 75-2  | 0.42     | 0.21     | 0.31     | 0.31       | 33.15   | ppb   |
| Barium     | 135-1 | 69.32    | 72.87    | 67.83    | 70.01      | 3.70    | ppb   |
| Barium     | 137-1 | 70.47    | 72.99    | 69.65    | 71.04      | 2.45    | ppb   |
| Beryllium  | 9-1   | 0.08     | 0.08     | 0.07     | 0.07       | 8.75    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 11-1  | 93.69    | 102.27   | 95.19    | 97.05      | 4.72    | ppb   |
| Boron      | 10-1  | 91.95    | 102.61   | 95.66    | 96.74      | 5.59    | ppb   |
| Cadmium    | 106-1 | -2.31    | -2.65    | -1.55    | -2.17      |         | ppb   |
| Cadmium    | 108-1 | 0.16     | 0.12     | 0.03     | 0.10       | 68.15   | ppb   |
| Cadmium    | 111-1 | -0.12    | -0.13    | -0.05    | -0.10      |         | ppb   |
| Calcium    | 43-1  | 40482.05 | 43901.31 | 40560.42 | 41647.93   | 4.69    | ppb   |
| Calcium    | 44-1  | 40791.25 | 44325.89 | 40949.44 | 42022.20   | 4.75    | ppb   |
| Chromium   | 52-2  | 0.15     | 0.04     | 0.26     | 0.15       | 72.51   | ppb   |
| Cobalt     | 59-2  | 0.12     | 0.11     | 0.11     | 0.11       | 3.76    | ppb   |
| Copper     | 63-2  | 1153.70  | 1139.54  | 1147.05  | 1146.77    | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 47.44    | 45.59    | 47.29    | 46.77      | 2.20    | ppb   |
| Iron       | 57-2  | 51.59    | 48.52    | 46.18    | 48.76      | 5.56    | ppb   |
| Lead       | 206-1 | 1.46     | 1.55     | 1.39     | 1.47       | 5.43    | ppb   |
| Lead       | 207-1 | 1.30     | 1.33     | 1.23     | 1.29       | 4.03    | ppb   |
| Lead       | 208-1 | 1.38     | 1.45     | 1.33     | 1.39       | 4.17    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 10760.41 | 10659.53 | 10826.67 | 10748.87   | 0.78    | ppb   |
| Manganese  | 55-2  | 17.61    | 17.52    | 17.62    | 17.58      | 0.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | WADDLERS-A          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:22:56 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.74     | 1.91     | 1.78     | 1.81       | 4.95    | ppb   |
| Molybdenum | 94-1  | 0.60     | 0.61     | 0.59     | 0.60       | 1.82    | ppb   |
| Molybdenum | 95-1  | 1.79     | 1.89     | 1.89     | 1.86       | 3.01    | ppb   |
| Molybdenum | 96-1  | 1.47     | 1.46     | 1.48     | 1.47       | 0.77    | ppb   |
| Molybdenum | 97-1  | 1.78     | 1.92     | 1.95     | 1.88       | 4.59    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 27.47    | 25.91    | 26.49    | 26.62      | 2.96    | ppb   |
| Phosphorus | 31-2  | 260.55   | 173.16   | 188.14   | 207.28     | 22.55   | ppb   |
| Potassium  | 39-2  | 2676.32  | 2570.72  | 2675.86  | 2640.97    | 2.30    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | 0.90     | -1.14      |         | ppb   |
| Selenium   | 78-2  | 1.11     | 0.62     | -0.38    | 0.45       | 168.02  | ppb   |
| Selenium   | 82-1  | 0.49     | 0.42     | 0.30     | 0.40       | 23.96   | ppb   |
| Silicon    | 28-1  | 4549.75  | 4955.89  | 4621.04  | 4708.89    | 4.61    | ppb   |
| Silver     | 109-1 | 0.29     | 0.26     | 0.26     | 0.27       | 7.20    | ppb   |
| Silver     | 107-1 | 0.27     | 0.29     | 0.26     | 0.27       | 6.26    | ppb   |
| Sodium     | 23-2  | 38115.42 | 37862.67 | 38372.91 | 38117.00   | 0.67    | ppb   |
| Strontium  | 86-1  | 282.67   | 296.80   | 277.80   | 285.76     | 3.45    | ppb   |
| Strontium  | 88-1  | 286.84   | 298.20   | 283.63   | 289.56     | 2.64    | ppb   |
| Sulfur     | 34-1  | 22424.04 | 25840.68 | 23185.82 | 23816.85   | 7.53    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 41.13   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 15.67   | ppb   |
| Tin        | 118-1 | 1.77     | 1.82     | 1.68     | 1.76       | 3.98    | ppb   |
| Titanium   | 47-1  | 0.22     | 0.14     | 0.18     | 0.18       | 20.95   | ppb   |
| Uranium    | 238-1 | 0.16     | 0.15     | 0.15     | 0.15       | 2.81    | ppb   |
| Vanadium   | 51-2  | 0.83     | 0.90     | 0.81     | 0.85       | 5.59    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 140.53   | 140.20   | 140.34   | 140.35     | 0.12    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04     | 0.03     | 0.03       | 14.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | WADDLERS-A          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:22:56 | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.02    | 0.03       | 41.36   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV029              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV029              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 15:26:02 | DataFile Name :   | 046CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50749.54  | 50741.46  | 50627.65  | 50706.22   | 0.13    | ppb   |
| Antimony   | 121-1 | 506.47    | 512.06    | 517.06    | 511.86     | 1.04    | ppb   |
| Arsenic    | 75-2  | 499.33    | 503.98    | 502.51    | 501.94     | 0.47    | ppb   |
| Barium     | 135-1 | 2584.65   | 2611.88   | 2643.78   | 2613.44    | 1.13    | ppb   |
| Barium     | 137-1 | 2546.62   | 2605.82   | 2598.16   | 2583.54    | 1.25    | ppb   |
| Beryllium  | 9-1   | 506.14    | 504.91    | 509.09    | 506.71     | 0.42    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 11-1  | 512.16    | 513.51    | 527.44    | 517.70     | 1.63    | ppb   |
| Boron      | 10-1  | 508.31    | 509.66    | 522.77    | 513.58     | 1.56    | ppb   |
| Cadmium    | 106-1 | 506.18    | 511.25    | 507.50    | 508.31     | 0.52    | ppb   |
| Cadmium    | 108-1 | 500.78    | 508.19    | 507.61    | 505.52     | 0.82    | ppb   |
| Cadmium    | 111-1 | 495.59    | 502.26    | 504.39    | 500.75     | 0.92    | ppb   |
| Calcium    | 43-1  | 245873.27 | 247580.85 | 249147.93 | 247534.02  | 0.66    | ppb   |
| Calcium    | 44-1  | 247154.09 | 247962.29 | 249386.76 | 248167.71  | 0.46    | ppb   |
| Chromium   | 52-2  | 513.01    | 509.87    | 510.90    | 511.26     | 0.31    | ppb   |
| Cobalt     | 59-2  | 500.75    | 498.43    | 498.99    | 499.39     | 0.24    | ppb   |
| Copper     | 63-2  | 1008.03   | 1016.88   | 1010.13   | 1011.68    | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 127953.12 | 126894.86 | 127068.34 | 127305.44  | 0.45    | ppb   |
| Iron       | 57-2  | 129841.77 | 130459.50 | 129310.67 | 129870.65  | 0.44    | ppb   |
| Lead       | 206-1 | 523.30    | 522.59    | 534.44    | 526.78     | 1.26    | ppb   |
| Lead       | 207-1 | 525.75    | 520.86    | 530.55    | 525.72     | 0.92    | ppb   |
| Lead       | 208-1 | 523.43    | 519.89    | 531.37    | 524.90     | 1.12    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 254225.12 | 253038.60 | 253904.83 | 253722.85  | 0.24    | ppb   |
| Manganese  | 55-2  | 1023.29   | 1017.19   | 1016.92   | 1019.13    | 0.35    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV029              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV029              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 15:26:02 | DataFile Name :   | 046CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 531.81    | 520.84    | 525.37    | 526.01     | 1.05    | ppb   |
| Molybdenum | 94-1  | 522.96    | 525.98    | 521.50    | 523.48     | 0.44    | ppb   |
| Molybdenum | 95-1  | 534.59    | 525.89    | 524.43    | 528.30     | 1.04    | ppb   |
| Molybdenum | 96-1  | 531.46    | 528.23    | 522.11    | 527.27     | 0.90    | ppb   |
| Molybdenum | 97-1  | 522.63    | 521.33    | 519.80    | 521.25     | 0.27    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 500.16    | 495.28    | 500.35    | 498.60     | 0.58    | ppb   |
| Phosphorus | 31-2  | 10518.40  | 10473.57  | 10056.28  | 10349.41   | 2.46    | ppb   |
| Potassium  | 39-2  | 127256.63 | 127239.63 | 128718.36 | 127738.21  | 0.66    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 77-2  | 519.82    | 458.42    | 514.95    | 497.73     | 6.86    | ppb   |
| Selenium   | 78-2  | 485.43    | 526.11    | 528.10    | 513.21     | 4.69    | ppb   |
| Selenium   | 82-1  | 506.95    | 505.36    | 509.03    | 507.11     | 0.36    | ppb   |
| Silicon    | 28-1  | 507.69    | 508.95    | 528.51    | 515.05     | 2.27    | ppb   |
| Silver     | 109-1 | 508.45    | 512.82    | 515.47    | 512.25     | 0.69    | ppb   |
| Silver     | 107-1 | 508.06    | 513.45    | 523.27    | 514.92     | 1.50    | ppb   |
| Sodium     | 23-2  | 252840.35 | 251261.00 | 251256.51 | 251785.96  | 0.36    | ppb   |
| Strontium  | 86-1  | 537.38    | 539.89    | 542.45    | 539.91     | 0.47    | ppb   |
| Strontium  | 88-1  | 535.27    | 528.88    | 534.02    | 532.72     | 0.64    | ppb   |
| Sulfur     | 34-1  | 11569.61  | 11569.81  | 12095.05  | 11744.82   | 2.58    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 528.94    | 522.09    | 535.09    | 528.71     | 1.23    | ppb   |
| Thallium   | 205-1 | 522.19    | 514.10    | 528.86    | 521.72     | 1.42    | ppb   |
| Tin        | 118-1 | 522.85    | 519.69    | 519.55    | 520.70     | 0.36    | ppb   |
| Titanium   | 47-1  | 507.62    | 511.27    | 513.09    | 510.66     | 0.55    | ppb   |
| Uranium    | 238-1 | 532.53    | 519.28    | 532.76    | 528.19     | 1.46    | ppb   |
| Vanadium   | 51-2  | 513.80    | 511.55    | 513.58    | 512.98     | 0.24    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 99         |         | %     |
| Zinc       | 66-2  | 1015.24   | 1020.36   | 1017.04   | 1017.55    | 0.26    | ppb   |
| Zirconium  | 90-1  | 520.81    | 523.71    | 517.14    | 520.55     | 0.63    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV029              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV029              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 15:26:02 | DataFile Name :   | 046CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 526.29  | 524.69  | 522.82  | 524.60     | 0.33    | ppb   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB029 Instrumnet Name : P8  
 Client Sample ID : CCB029 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:28:59 DataFile Name : 047CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.26   | 0.66    | 1.68    | 0.36       | 413.31  | ppb   |
| Antimony   | 121-1 | 0.26    | 0.27    | 0.26    | 0.26       | 1.52    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.04    | 0.03    | 0.03       | 21.82   | ppb   |
| Barium     | 135-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.01    | -0.01   | 0.01    | 0.01       | 180.00  | ppb   |
| Beryllium  | 9-1   | 0.20    | 0.18    | 0.15    | 0.18       | 13.28   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 21.24   | 18.57   | 18.40   | 19.40      | 8.20    | ppb   |
| Boron      | 10-1  | 21.65   | 20.27   | 19.68   | 20.54      | 4.92    | ppb   |
| Cadmium    | 106-1 | -1.69   | -2.00   | -1.33   | -1.67      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | 0.06    | 0.00       | 1214.66 | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.11   | -0.07   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 1.42    | -5.01   | -10.79  | -4.79      |         | ppb   |
| Calcium    | 44-1  | -8.54   | -13.27  | -9.18   | -10.33     |         | ppb   |
| Chromium   | 52-2  | -0.06   | 0.00    | 0.01    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.16    | 0.22    | 0.16    | 0.18       | 18.16   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.76    | 0.63    | 0.94    | 0.77       | 20.12   | ppb   |
| Iron       | 57-2  | 1.69    | 0.00    | 1.50    | 1.06       | 86.76   | ppb   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.04    | 0.03       | 41.94   | ppb   |
| Lead       | 207-1 | 0.06    | 0.03    | 0.02    | 0.04       | 57.59   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 11.09   | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1.14    | -0.85   | 0.43    | 0.24       | 425.84  | ppb   |
| Manganese  | 55-2  | 0.00    | -0.02   | -0.06   | -0.03      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB029              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB029              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:28:59 | DataFile Name :   | 047CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.07     | 0.07     | 0.06    | 0.07       | 10.28   | ppb   |
| Molybdenum | 94-1  | 0.07     | 0.05     | 0.04    | 0.05       | 24.93   | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.07     | 0.05    | 0.07       | 24.97   | ppb   |
| Molybdenum | 96-1  | 0.08     | 0.06     | 0.06    | 0.07       | 25.35   | ppb   |
| Molybdenum | 97-1  | 0.09     | 0.10     | 0.06    | 0.08       | 27.58   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.33    | -0.34    | -0.23   | -0.30      |         | ppb   |
| Phosphorus | 31-2  | -15.49   | -2.17    | 11.63   | -2.01      |         | ppb   |
| Potassium  | 39-2  | 2.64     | -10.82   | 11.33   | 1.05       | 1065.97 | ppb   |
| Rhodium    | 103-1 |          |          |         | 102        |         | %     |
| Rhodium    | 103-2 |          |          |         | 105        |         | %     |
| Scandium   | 45-1  |          |          |         | 99         |         | %     |
| Scandium   | 45-2  |          |          |         | 99         |         | %     |
| Selenium   | 77-2  | 4.31     | 1.08     | -2.16   | 1.08       | 300.26  | ppb   |
| Selenium   | 78-2  | 2.25     | -0.35    | -0.35   | 0.52       | 290.19  | ppb   |
| Selenium   | 82-1  | -0.39    | -0.13    | 0.63    | 0.03       | 1568.64 | ppb   |
| Silicon    | 28-1  | -17.89   | -17.82   | -15.90  | -17.20     |         | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.07    | 0.07       | 8.62    | ppb   |
| Silver     | 107-1 | 0.06     | 0.06     | 0.07    | 0.06       | 13.70   | ppb   |
| Sodium     | 23-2  | 64.54    | 58.99    | 61.80   | 61.77      | 4.49    | ppb   |
| Strontium  | 86-1  | -0.01    | 0.03     | -0.05   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1102.15 | -1051.51 | -855.72 | -1003.13   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 105        |         | %     |
| Terbium    | 159-2 |          |          |         | 105        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.05     | 0.05    | 0.05       | 3.63    | ppb   |
| Thallium   | 205-1 | 0.06     | 0.05     | 0.05    | 0.05       | 9.64    | ppb   |
| Tin        | 118-1 | 0.07     | 0.03     | 0.06    | 0.05       | 45.82   | ppb   |
| Titanium   | 47-1  | -0.07    | 0.01     | 0.00    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       | 147.97  | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.01     | 0.00    | 0.01       | 81.98   | ppb   |
| Yttrium    | 89-1  |          |          |         | 100        |         | %     |
| Yttrium    | 89-2  |          |          |         | 101        |         | %     |
| Zinc       | 66-2  | -0.03    | 0.14     | 0.20    | 0.11       | 112.50  | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.06     | 0.04    | 0.05       | 27.66   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB029              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB029              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:28:59 | DataFile Name :   | 047CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.05    | 0.04       | 22.91   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-04 Instrumnet Name : P8  
 Client Sample ID : LOUNGE-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:32:08 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.76     | 7.60     | 0.44     | 4.60       | 80.87   | ppb   |
| Antimony   | 121-1 | 0.65     | 0.67     | 0.72     | 0.68       | 5.29    | ppb   |
| Arsenic    | 75-2  | 0.28     | 0.30     | 0.29     | 0.29       | 4.07    | ppb   |
| Barium     | 135-1 | 70.34    | 71.25    | 69.79    | 70.46      | 1.04    | ppb   |
| Barium     | 137-1 | 69.93    | 70.57    | 71.11    | 70.54      | 0.83    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.08     | 0.06     | 0.07       | 20.93   | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 11-1  | 91.39    | 90.99    | 93.62    | 92.00      | 1.54    | ppb   |
| Boron      | 10-1  | 88.60    | 88.78    | 97.76    | 91.71      | 5.71    | ppb   |
| Cadmium    | 106-1 | -1.90    | -1.26    | -2.03    | -1.73      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | 0.19     | -0.05    | 0.04       | 287.47  | ppb   |
| Cadmium    | 111-1 | -0.06    | -0.04    | -0.08    | -0.06      |         | ppb   |
| Calcium    | 43-1  | 41823.70 | 41977.36 | 41537.62 | 41779.56   | 0.53    | ppb   |
| Calcium    | 44-1  | 41773.51 | 42343.26 | 42068.50 | 42061.76   | 0.68    | ppb   |
| Chromium   | 52-2  | 0.39     | 0.38     | 0.26     | 0.35       | 20.78   | ppb   |
| Cobalt     | 59-2  | 0.13     | 0.12     | 0.11     | 0.12       | 9.60    | ppb   |
| Copper     | 63-2  | 1061.43  | 1094.11  | 1074.99  | 1076.85    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 45.35    | 46.88    | 44.97    | 45.73      | 2.20    | ppb   |
| Iron       | 57-2  | 46.29    | 50.86    | 46.12    | 47.76      | 5.63    | ppb   |
| Lead       | 206-1 | 0.14     | 0.11     | 0.11     | 0.12       | 14.28   | ppb   |
| Lead       | 207-1 | 0.13     | 0.10     | 0.11     | 0.11       | 14.57   | ppb   |
| Lead       | 208-1 | 0.12     | 0.11     | 0.12     | 0.12       | 5.66    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 10783.12 | 10912.56 | 10828.48 | 10841.39   | 0.61    | ppb   |
| Manganese  | 55-2  | 19.28    | 19.80    | 18.92    | 19.33      | 2.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | LOUNGE-A            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:32:08 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.85     | 1.73     | 1.82     | 1.80       | 3.50    | ppb   |
| Molybdenum | 94-1  | 0.57     | 0.60     | 0.55     | 0.58       | 4.46    | ppb   |
| Molybdenum | 95-1  | 1.80     | 1.70     | 1.84     | 1.78       | 3.83    | ppb   |
| Molybdenum | 96-1  | 1.45     | 1.43     | 1.54     | 1.48       | 3.97    | ppb   |
| Molybdenum | 97-1  | 1.76     | 1.95     | 1.96     | 1.89       | 5.80    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 41.39    | 41.78    | 41.34    | 41.50      | 0.59    | ppb   |
| Phosphorus | 31-2  | 132.72   | 245.79   | 267.67   | 215.39     | 33.63   | ppb   |
| Potassium  | 39-2  | 2652.76  | 2643.43  | 2666.21  | 2654.13    | 0.43    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | -2.16    | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.11     | 1.08     | 0.11     | 0.43       | 130.17  | ppb   |
| Selenium   | 82-1  | 0.45     | 0.34     | 0.23     | 0.34       | 33.55   | ppb   |
| Silicon    | 28-1  | 4753.06  | 4777.64  | 4723.22  | 4751.31    | 0.57    | ppb   |
| Silver     | 109-1 | 0.38     | 0.34     | 0.35     | 0.36       | 7.03    | ppb   |
| Silver     | 107-1 | 0.36     | 0.37     | 0.37     | 0.36       | 1.66    | ppb   |
| Sodium     | 23-2  | 37890.14 | 38530.98 | 38303.20 | 38241.44   | 0.85    | ppb   |
| Strontium  | 86-1  | 286.16   | 283.39   | 289.70   | 286.42     | 1.10    | ppb   |
| Strontium  | 88-1  | 288.48   | 290.42   | 293.34   | 290.75     | 0.84    | ppb   |
| Sulfur     | 34-1  | 24803.87 | 24979.25 | 24933.94 | 24905.69   | 0.37    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.05     | 0.05     | 0.06       | 22.31   | ppb   |
| Thallium   | 205-1 | 0.08     | 0.06     | 0.05     | 0.06       | 25.25   | ppb   |
| Tin        | 118-1 | 0.19     | 0.21     | 0.20     | 0.20       | 4.17    | ppb   |
| Titanium   | 47-1  | 0.10     | 0.20     | 0.20     | 0.17       | 35.18   | ppb   |
| Uranium    | 238-1 | 0.15     | 0.15     | 0.14     | 0.15       | 3.43    | ppb   |
| Vanadium   | 51-2  | 0.94     | 0.89     | 0.88     | 0.90       | 3.33    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 107        |         | %     |
| Zinc       | 66-2  | 97.55    | 97.67    | 97.42    | 97.55      | 0.13    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.05     | 0.05     | 0.05       | 5.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | LOUNGE-A            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:32:08 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 35.98   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-05 Instrumnet Name : P8  
 Client Sample ID : TODDLERS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:35:15 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12.15    | 9.57     | 3.13     | 8.29       | 56.04   | ppb   |
| Antimony   | 121-1 | 0.56     | 0.54     | 0.59     | 0.56       | 4.53    | ppb   |
| Arsenic    | 75-2  | 0.31     | 0.28     | 0.45     | 0.35       | 26.80   | ppb   |
| Barium     | 135-1 | 70.27    | 71.82    | 69.85    | 70.65      | 1.47    | ppb   |
| Barium     | 137-1 | 71.37    | 72.31    | 71.41    | 71.69      | 0.75    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.09     | 0.08     | 0.07       | 42.68   | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 11-1  | 77.44    | 80.03    | 80.01    | 79.16      | 1.88    | ppb   |
| Boron      | 10-1  | 78.33    | 77.85    | 79.16    | 78.45      | 0.85    | ppb   |
| Cadmium    | 106-1 | -2.92    | -2.05    | -1.94    | -2.30      |         | ppb   |
| Cadmium    | 108-1 | 0.11     | 0.03     | 0.08     | 0.07       | 55.46   | ppb   |
| Cadmium    | 111-1 | -0.17    | -0.11    | -0.09    | -0.13      |         | ppb   |
| Calcium    | 43-1  | 40535.90 | 40833.16 | 41104.89 | 40824.65   | 0.70    | ppb   |
| Calcium    | 44-1  | 40886.09 | 40967.99 | 41434.87 | 41096.31   | 0.72    | ppb   |
| Chromium   | 52-2  | -0.02    | 0.05     | -0.01    | 0.01       | 684.41  | ppb   |
| Cobalt     | 59-2  | 0.10     | 0.10     | 0.08     | 0.09       | 13.17   | ppb   |
| Copper     | 63-2  | 213.56   | 216.35   | 209.95   | 213.28     | 1.51    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 482.23   | 485.30   | 475.63   | 481.05     | 1.03    | ppb   |
| Iron       | 57-2  | 485.87   | 498.05   | 479.25   | 487.72     | 1.95    | ppb   |
| Lead       | 206-1 | 0.83     | 0.84     | 0.81     | 0.83       | 1.57    | ppb   |
| Lead       | 207-1 | 0.73     | 0.74     | 0.77     | 0.75       | 2.87    | ppb   |
| Lead       | 208-1 | 0.80     | 0.79     | 0.79     | 0.79       | 0.93    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 10439.45 | 10568.07 | 10276.34 | 10427.96   | 1.40    | ppb   |
| Manganese  | 55-2  | 31.40    | 31.04    | 31.53    | 31.32      | 0.81    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-05 Instrumnet Name : P8  
 Client Sample ID : TODDLERS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:35:15 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.45     | 1.55     | 1.36     | 1.45       | 6.31    | ppb   |
| Molybdenum | 94-1  | 0.48     | 0.43     | 0.46     | 0.46       | 5.66    | ppb   |
| Molybdenum | 95-1  | 1.37     | 1.49     | 1.47     | 1.44       | 4.48    | ppb   |
| Molybdenum | 96-1  | 1.31     | 1.23     | 1.22     | 1.25       | 3.90    | ppb   |
| Molybdenum | 97-1  | 1.51     | 1.54     | 1.54     | 1.53       | 1.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 38.58    | 39.30    | 37.77    | 38.55      | 1.99    | ppb   |
| Phosphorus | 31-2  | 297.47   | 389.17   | 357.21   | 347.95     | 13.38   | ppb   |
| Potassium  | 39-2  | 2638.30  | 2649.75  | 2577.57  | 2621.87    | 1.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | -2.16    | -2.16      |         | ppb   |
| Selenium   | 78-2  | 1.10     | -0.87    | 1.11     | 0.45       | 254.60  | ppb   |
| Selenium   | 82-1  | 0.27     | 0.33     | 0.20     | 0.26       | 24.61   | ppb   |
| Silicon    | 28-1  | 4165.11  | 4207.99  | 4248.75  | 4207.28    | 0.99    | ppb   |
| Silver     | 109-1 | 0.21     | 0.21     | 0.23     | 0.22       | 5.30    | ppb   |
| Silver     | 107-1 | 0.21     | 0.21     | 0.23     | 0.22       | 6.15    | ppb   |
| Sodium     | 23-2  | 38233.19 | 38624.88 | 37697.44 | 38185.17   | 1.22    | ppb   |
| Strontium  | 86-1  | 257.28   | 259.03   | 258.62   | 258.31     | 0.35    | ppb   |
| Strontium  | 88-1  | 262.04   | 262.39   | 261.86   | 262.10     | 0.10    | ppb   |
| Sulfur     | 34-1  | 21333.05 | 21352.26 | 22092.86 | 21592.72   | 2.01    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.00     | 0.01       | 50.16   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 12.60   | ppb   |
| Tin        | 118-1 | 2.36     | 2.28     | 2.41     | 2.35       | 2.75    | ppb   |
| Titanium   | 47-1  | 0.29     | 0.12     | 0.22     | 0.21       | 40.21   | ppb   |
| Uranium    | 238-1 | 0.16     | 0.17     | 0.16     | 0.16       | 2.88    | ppb   |
| Vanadium   | 51-2  | 0.97     | 0.92     | 0.88     | 0.92       | 5.13    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 80.13    | 82.15    | 79.66    | 80.65      | 1.64    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 4.20    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | TODDLERS-BATHROOM   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:35:15 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.03   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-06 Instrumnet Name : P8  
 Client Sample ID : PRE-TODDLER-ROOM-4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:38:21 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 11.16    | 13.61    | 6.91     | 10.56      | 32.10   | ppb   |
| Antimony   | 121-1 | 0.39     | 0.45     | 0.44     | 0.43       | 7.87    | ppb   |
| Arsenic    | 75-2  | 0.41     | 0.41     | 0.43     | 0.42       | 2.50    | ppb   |
| Barium     | 135-1 | 65.88    | 67.32    | 65.46    | 66.22      | 1.48    | ppb   |
| Barium     | 137-1 | 66.45    | 66.42    | 67.08    | 66.65      | 0.55    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.06     | 0.04     | 0.04       | 53.41   | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 11-1  | 70.72    | 70.25    | 73.07    | 71.35      | 2.11    | ppb   |
| Boron      | 10-1  | 71.18    | 71.71    | 73.15    | 72.01      | 1.42    | ppb   |
| Cadmium    | 106-1 | -2.01    | -2.85    | -2.30    | -2.38      |         | ppb   |
| Cadmium    | 108-1 | 0.06     | 0.03     | 0.03     | 0.04       | 41.64   | ppb   |
| Cadmium    | 111-1 | -0.12    | -0.17    | -0.15    | -0.15      |         | ppb   |
| Calcium    | 43-1  | 39716.99 | 39435.39 | 39397.80 | 39516.73   | 0.44    | ppb   |
| Calcium    | 44-1  | 40385.16 | 39879.96 | 39922.57 | 40062.56   | 0.70    | ppb   |
| Chromium   | 52-2  | 0.21     | 0.10     | 0.17     | 0.16       | 32.17   | ppb   |
| Cobalt     | 59-2  | 0.06     | 0.06     | 0.07     | 0.06       | 13.19   | ppb   |
| Copper     | 63-2  | 55.50    | 53.18    | 52.02    | 53.57      | 3.31    | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 105.06   | 103.68   | 103.09   | 103.94     | 0.97    | ppb   |
| Iron       | 57-2  | 120.99   | 105.14   | 100.28   | 108.80     | 9.95    | ppb   |
| Lead       | 206-1 | 0.82     | 0.85     | 0.90     | 0.86       | 4.74    | ppb   |
| Lead       | 207-1 | 0.77     | 0.73     | 0.76     | 0.75       | 2.90    | ppb   |
| Lead       | 208-1 | 0.81     | 0.80     | 0.82     | 0.81       | 1.36    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 10619.79 | 10369.23 | 10132.50 | 10373.84   | 2.35    | ppb   |
| Manganese  | 55-2  | 13.23    | 13.31    | 13.34    | 13.29      | 0.42    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-06 Instrumnet Name : P8  
 Client Sample ID : PRE-TODDLER-ROOM-4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:38:21 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.39     | 1.49     | 1.39     | 1.43       | 4.00    | ppb   |
| Molybdenum | 94-1  | 0.48     | 0.46     | 0.45     | 0.46       | 2.36    | ppb   |
| Molybdenum | 95-1  | 1.38     | 1.47     | 1.34     | 1.40       | 4.67    | ppb   |
| Molybdenum | 96-1  | 1.20     | 1.16     | 1.18     | 1.18       | 1.67    | ppb   |
| Molybdenum | 97-1  | 1.47     | 1.51     | 1.34     | 1.44       | 6.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.66     | 5.14     | 5.07     | 5.29       | 6.13    | ppb   |
| Phosphorus | 31-2  | 477.53   | 477.77   | 518.81   | 491.37     | 4.84    | ppb   |
| Potassium  | 39-2  | 2723.26  | 2588.82  | 2644.43  | 2652.17    | 2.55    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 4.23     | -2.16    | -2.16    | -0.03      |         | ppb   |
| Selenium   | 78-2  | 1.69     | 1.15     | -0.87    | 0.66       | 204.54  | ppb   |
| Selenium   | 82-1  | 0.65     | -0.08    | 0.26     | 0.27       | 132.31  | ppb   |
| Silicon    | 28-1  | 4281.56  | 4199.69  | 4220.06  | 4233.77    | 1.01    | ppb   |
| Silver     | 109-1 | 0.14     | 0.19     | 0.17     | 0.16       | 16.40   | ppb   |
| Silver     | 107-1 | 0.16     | 0.18     | 0.18     | 0.17       | 7.17    | ppb   |
| Sodium     | 23-2  | 39452.74 | 38189.36 | 37941.77 | 38527.95   | 2.10    | ppb   |
| Strontium  | 86-1  | 243.22   | 243.02   | 240.42   | 242.22     | 0.64    | ppb   |
| Strontium  | 88-1  | 245.78   | 248.41   | 245.29   | 246.49     | 0.68    | ppb   |
| Sulfur     | 34-1  | 20269.40 | 20362.10 | 20121.68 | 20251.06   | 0.60    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.76   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.52   | ppb   |
| Tin        | 118-1 | 0.43     | 0.46     | 0.51     | 0.47       | 9.58    | ppb   |
| Titanium   | 47-1  | 0.24     | 0.33     | 0.22     | 0.26       | 21.38   | ppb   |
| Uranium    | 238-1 | 0.13     | 0.14     | 0.11     | 0.13       | 10.80   | ppb   |
| Vanadium   | 51-2  | 1.18     | 1.11     | 1.16     | 1.15       | 3.02    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 57.66    | 57.82    | 56.92    | 57.46      | 0.83    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 6.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | PRE-TODDLER-ROOM-4  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:38:21 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.03    | 0.01       | 130.74  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | STAFF-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:41:29 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6.93     | 7.99     | 1.52     | 5.48       | 63.38   | ppb   |
| Antimony   | 121-1 | 0.50     | 0.52     | 0.50     | 0.51       | 3.16    | ppb   |
| Arsenic    | 75-2  | 0.29     | 0.36     | 0.31     | 0.32       | 10.79   | ppb   |
| Barium     | 135-1 | 66.29    | 66.38    | 66.86    | 66.51      | 0.46    | ppb   |
| Barium     | 137-1 | 67.02    | 67.34    | 67.26    | 67.20      | 0.25    | ppb   |
| Beryllium  | 9-1   | 0.07     | 0.03     | 0.05     | 0.05       | 41.52   | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 11-1  | 84.89    | 87.76    | 86.96    | 86.54      | 1.72    | ppb   |
| Boron      | 10-1  | 80.26    | 87.72    | 87.43    | 85.13      | 4.96    | ppb   |
| Cadmium    | 106-1 | -2.19    | -2.37    | -3.03    | -2.53      |         | ppb   |
| Cadmium    | 108-1 | 0.08     | 0.03     | 0.03     | 0.05       | 67.20   | ppb   |
| Cadmium    | 111-1 | -0.12    | -0.15    | -0.18    | -0.15      |         | ppb   |
| Calcium    | 43-1  | 40144.36 | 40901.15 | 40335.48 | 40460.33   | 0.97    | ppb   |
| Calcium    | 44-1  | 40524.77 | 41218.74 | 40974.47 | 40906.00   | 0.86    | ppb   |
| Chromium   | 52-2  | -0.02    | 0.01     | 0.08     | 0.02       | 237.87  | ppb   |
| Cobalt     | 59-2  | 0.10     | 0.09     | 0.09     | 0.09       | 8.38    | ppb   |
| Copper     | 63-2  | 1054.78  | 1051.17  | 1054.85  | 1053.60    | 0.20    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 45.92    | 45.66    | 46.64    | 46.07      | 1.10    | ppb   |
| Iron       | 57-2  | 52.73    | 50.01    | 49.41    | 50.72      | 3.49    | ppb   |
| Lead       | 206-1 | 0.09     | 0.14     | 0.13     | 0.12       | 21.22   | ppb   |
| Lead       | 207-1 | 0.11     | 0.10     | 0.12     | 0.11       | 8.14    | ppb   |
| Lead       | 208-1 | 0.11     | 0.12     | 0.12     | 0.11       | 3.62    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 10622.26 | 10604.46 | 10737.89 | 10654.87   | 0.68    | ppb   |
| Manganese  | 55-2  | 18.35    | 17.71    | 17.61    | 17.89      | 2.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | STAFF-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:41:29 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.73     | 1.68     | 1.77     | 1.73       | 2.57    | ppb   |
| Molybdenum | 94-1  | 0.57     | 0.51     | 0.53     | 0.54       | 5.93    | ppb   |
| Molybdenum | 95-1  | 1.76     | 1.62     | 1.73     | 1.70       | 4.40    | ppb   |
| Molybdenum | 96-1  | 1.45     | 1.45     | 1.43     | 1.45       | 0.67    | ppb   |
| Molybdenum | 97-1  | 1.74     | 1.64     | 1.72     | 1.70       | 2.97    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.57    | 32.63    | 33.17    | 32.79      | 1.01    | ppb   |
| Phosphorus | 31-2  | 226.70   | 178.56   | 140.42   | 181.89     | 23.77   | ppb   |
| Potassium  | 39-2  | 2590.16  | 2506.05  | 2561.59  | 2552.60    | 1.68    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | 0.96     | -1.12      |         | ppb   |
| Selenium   | 78-2  | 0.13     | 0.15     | 0.64     | 0.31       | 93.30   | ppb   |
| Selenium   | 82-1  | 0.42     | 0.43     | -0.35    | 0.17       | 270.18  | ppb   |
| Silicon    | 28-1  | 4543.72  | 4624.17  | 4565.14  | 4577.68    | 0.91    | ppb   |
| Silver     | 109-1 | 0.22     | 0.22     | 0.24     | 0.23       | 3.86    | ppb   |
| Silver     | 107-1 | 0.23     | 0.22     | 0.21     | 0.22       | 3.09    | ppb   |
| Sodium     | 23-2  | 37701.06 | 37333.00 | 37961.86 | 37665.30   | 0.84    | ppb   |
| Strontium  | 86-1  | 277.63   | 273.73   | 278.46   | 276.61     | 0.91    | ppb   |
| Strontium  | 88-1  | 283.81   | 278.90   | 282.38   | 281.69     | 0.90    | ppb   |
| Sulfur     | 34-1  | 22646.32 | 24336.58 | 23515.86 | 23499.59   | 3.60    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.24   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 51.33   | ppb   |
| Tin        | 118-1 | 0.43     | 0.40     | 0.46     | 0.43       | 6.67    | ppb   |
| Titanium   | 47-1  | 0.27     | 0.24     | 0.05     | 0.19       | 62.29   | ppb   |
| Uranium    | 238-1 | 0.13     | 0.13     | 0.13     | 0.13       | 2.56    | ppb   |
| Vanadium   | 51-2  | 0.90     | 0.83     | 0.88     | 0.87       | 4.46    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 108.15   | 108.26   | 110.05   | 108.82     | 0.98    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 19.82   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | STAFF-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:41:29 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.99   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | SICK-BATHROOM-A     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:44:36 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.91     | 2.07     | 1.43     | 2.81       | 66.02   | ppb   |
| Antimony   | 121-1 | 0.74     | 0.71     | 0.74     | 0.73       | 2.13    | ppb   |
| Arsenic    | 75-2  | 0.34     | 0.25     | 0.29     | 0.29       | 14.90   | ppb   |
| Barium     | 135-1 | 62.31    | 61.68    | 62.54    | 62.18      | 0.72    | ppb   |
| Barium     | 137-1 | 62.96    | 61.89    | 62.59    | 62.48      | 0.88    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.03     | 0.04     | 0.04       | 19.06   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 11-1  | 64.40    | 63.63    | 62.49    | 63.51      | 1.51    | ppb   |
| Boron      | 10-1  | 63.29    | 63.49    | 58.16    | 61.65      | 4.90    | ppb   |
| Cadmium    | 106-1 | -1.91    | -1.82    | -3.14    | -2.29      |         | ppb   |
| Cadmium    | 108-1 | 0.24     | 0.10     | 0.35     | 0.23       | 52.95   | ppb   |
| Cadmium    | 111-1 | -0.13    | -0.12    | -0.21    | -0.15      |         | ppb   |
| Calcium    | 43-1  | 35569.96 | 35216.09 | 35334.49 | 35373.52   | 0.51    | ppb   |
| Calcium    | 44-1  | 36110.62 | 35648.77 | 35691.24 | 35816.88   | 0.71    | ppb   |
| Chromium   | 52-2  | 0.03     | 0.21     | 0.00     | 0.08       | 142.46  | ppb   |
| Cobalt     | 59-2  | 0.11     | 0.15     | 0.12     | 0.13       | 15.32   | ppb   |
| Copper     | 63-2  | 734.34   | 888.73   | 759.79   | 794.29     | 10.42   | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 43.51    | 53.88    | 45.16    | 47.52      | 11.73   | ppb   |
| Iron       | 57-2  | 44.46    | 50.94    | 45.02    | 46.81      | 7.67    | ppb   |
| Lead       | 206-1 | 0.48     | 0.50     | 0.53     | 0.50       | 4.88    | ppb   |
| Lead       | 207-1 | 0.48     | 0.49     | 0.49     | 0.49       | 1.75    | ppb   |
| Lead       | 208-1 | 0.50     | 0.49     | 0.50     | 0.49       | 1.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 9005.91  | 10850.66 | 9045.30  | 9633.96    | 10.94   | ppb   |
| Manganese  | 55-2  | 24.65    | 29.26    | 24.20    | 26.04      | 10.75   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | SICK-BATHROOM-A     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:44:36 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.28     | 1.27     | 1.24     | 1.26       | 1.71    | ppb   |
| Molybdenum | 94-1  | 0.42     | 0.44     | 0.36     | 0.41       | 9.36    | ppb   |
| Molybdenum | 95-1  | 1.27     | 1.23     | 1.27     | 1.26       | 1.64    | ppb   |
| Molybdenum | 96-1  | 1.06     | 1.08     | 1.09     | 1.08       | 1.54    | ppb   |
| Molybdenum | 97-1  | 1.27     | 1.36     | 1.34     | 1.32       | 3.64    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 50.43    | 60.70    | 49.58    | 53.57      | 11.56   | ppb   |
| Phosphorus | 31-2  | 59.03    | 103.90   | 111.57   | 91.50      | 31.02   | ppb   |
| Potassium  | 39-2  | 2691.31  | 3248.43  | 2663.44  | 2867.73    | 11.51   | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | -2.16    | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.11     | 0.31     | 0.13     | 0.18       | 60.28   | ppb   |
| Selenium   | 82-1  | -0.68    | -0.38    | -0.01    | -0.36      |         | ppb   |
| Silicon    | 28-1  | 4041.72  | 3952.46  | 4029.16  | 4007.78    | 1.21    | ppb   |
| Silver     | 109-1 | 0.15     | 0.17     | 0.17     | 0.16       | 8.94    | ppb   |
| Silver     | 107-1 | 0.17     | 0.17     | 0.19     | 0.17       | 5.68    | ppb   |
| Sodium     | 23-2  | 35744.66 | 42588.65 | 35802.00 | 38045.10   | 10.34   | ppb   |
| Strontium  | 86-1  | 201.80   | 202.95   | 202.60   | 202.45     | 0.29    | ppb   |
| Strontium  | 88-1  | 204.69   | 204.81   | 206.61   | 205.37     | 0.53    | ppb   |
| Sulfur     | 34-1  | 17901.15 | 17347.10 | 17273.53 | 17507.26   | 1.96    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.53   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 54.55   | ppb   |
| Tin        | 118-1 | 0.45     | 0.47     | 0.46     | 0.46       | 2.92    | ppb   |
| Titanium   | 47-1  | 0.20     | 0.09     | 0.11     | 0.13       | 44.51   | ppb   |
| Uranium    | 238-1 | 0.12     | 0.12     | 0.12     | 0.12       | 0.22    | ppb   |
| Vanadium   | 51-2  | 0.60     | 0.80     | 0.69     | 0.70       | 14.26   | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 611.91   | 740.62   | 616.25   | 656.26     | 11.14   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 16.20   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | SICK-BATHROOM-A     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:44:36 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 29.47   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-09 Instrumnet Name : P8  
 Client Sample ID : DIRECTORS-OFFICE-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:47:42 DataFile Name : 053SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | -0.42    | 4.23     | 3.23     | 2.35       | 104.12  | ppb   |
| Antimony   | 121-1 | 0.53     | 0.55     | 0.55     | 0.54       | 1.83    | ppb   |
| Arsenic    | 75-2  | 0.24     | 0.19     | 0.34     | 0.25       | 30.25   | ppb   |
| Barium     | 135-1 | 75.05    | 74.73    | 74.30    | 74.70      | 0.50    | ppb   |
| Barium     | 137-1 | 75.12    | 74.72    | 75.39    | 75.08      | 0.45    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.00     | 0.01     | 0.01       | 132.69  | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 11-1  | 61.20    | 62.48    | 62.70    | 62.13      | 1.30    | ppb   |
| Boron      | 10-1  | 59.49    | 59.85    | 63.65    | 61.00      | 3.78    | ppb   |
| Cadmium    | 106-1 | -1.84    | -1.84    | -1.34    | -1.67      |         | ppb   |
| Cadmium    | 108-1 | 0.19     | 0.21     | 0.35     | 0.25       | 35.37   | ppb   |
| Cadmium    | 111-1 | -0.10    | -0.10    | -0.04    | -0.08      |         | ppb   |
| Calcium    | 43-1  | 34486.96 | 34855.80 | 34395.62 | 34579.46   | 0.70    | ppb   |
| Calcium    | 44-1  | 35073.51 | 35222.73 | 34670.50 | 34988.91   | 0.82    | ppb   |
| Chromium   | 52-2  | -0.14    | -0.11    | -0.24    | -0.16      |         | ppb   |
| Cobalt     | 59-2  | 0.22     | 0.19     | 0.18     | 0.20       | 9.87    | ppb   |
| Copper     | 63-2  | 1338.23  | 1380.35  | 1345.59  | 1354.72    | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 10.13    | 10.03    | 10.20    | 10.12      | 0.87    | ppb   |
| Iron       | 57-2  | 8.53     | 11.02    | 11.34    | 10.30      | 14.93   | ppb   |
| Lead       | 206-1 | 0.55     | 0.58     | 0.53     | 0.55       | 4.64    | ppb   |
| Lead       | 207-1 | 0.52     | 0.56     | 0.54     | 0.54       | 3.57    | ppb   |
| Lead       | 208-1 | 0.56     | 0.56     | 0.57     | 0.56       | 1.00    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 10422.93 | 10656.03 | 10543.45 | 10540.80   | 1.11    | ppb   |
| Manganese  | 55-2  | 34.38    | 34.82    | 35.41    | 34.87      | 1.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | DIRECTORS-OFFICE-A  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:47:42 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.13     | 1.15     | 1.19     | 1.16       | 2.69    | ppb   |
| Molybdenum | 94-1  | 0.38     | 0.37     | 0.34     | 0.36       | 5.18    | ppb   |
| Molybdenum | 95-1  | 1.13     | 1.13     | 1.12     | 1.12       | 0.56    | ppb   |
| Molybdenum | 96-1  | 0.92     | 0.91     | 0.89     | 0.91       | 1.92    | ppb   |
| Molybdenum | 97-1  | 1.19     | 1.13     | 1.19     | 1.17       | 2.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 75.54    | 77.18    | 75.43    | 76.05      | 1.29    | ppb   |
| Phosphorus | 31-2  | 72.09    | 74.40    | 73.06    | 73.18      | 1.58    | ppb   |
| Potassium  | 39-2  | 2783.11  | 2897.77  | 2806.34  | 2829.07    | 2.14    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | -2.16    | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.13     | -0.37    | 0.64     | 0.13       | 386.15  | ppb   |
| Selenium   | 82-1  | 0.05     | 0.04     | 0.00     | 0.03       | 88.56   | ppb   |
| Silicon    | 28-1  | 4409.21  | 4414.71  | 4374.30  | 4399.41    | 0.50    | ppb   |
| Silver     | 109-1 | 0.15     | 0.17     | 0.18     | 0.17       | 10.41   | ppb   |
| Silver     | 107-1 | 0.15     | 0.18     | 0.17     | 0.17       | 7.09    | ppb   |
| Sodium     | 23-2  | 37233.19 | 38383.72 | 37538.64 | 37718.52   | 1.58    | ppb   |
| Strontium  | 86-1  | 200.80   | 204.01   | 203.25   | 202.69     | 0.83    | ppb   |
| Strontium  | 88-1  | 205.67   | 208.57   | 205.89   | 206.71     | 0.78    | ppb   |
| Sulfur     | 34-1  | 17783.26 | 17831.03 | 17933.18 | 17849.15   | 0.43    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 39.43   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.77    | ppb   |
| Tin        | 118-1 | 0.52     | 0.52     | 0.57     | 0.53       | 4.92    | ppb   |
| Titanium   | 47-1  | 0.12     | 0.18     | 0.18     | 0.16       | 21.83   | ppb   |
| Uranium    | 238-1 | 0.08     | 0.08     | 0.08     | 0.08       | 0.58    | ppb   |
| Vanadium   | 51-2  | 0.52     | 0.52     | 0.50     | 0.51       | 2.72    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 832.41   | 848.54   | 839.61   | 840.19     | 0.96    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 21.64   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | DIRECTORS-OFFICE-A  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:47:42 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 18.18   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-10 Instrumnet Name : P8  
 Client Sample ID : KINDERGARDEN-BATH- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:50:49 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 0.50     | 3.30     | 4.18     | 2.66       | 72.31   | ppb   |
| Antimony   | 121-1 | 0.51     | 0.47     | 0.52     | 0.50       | 4.74    | ppb   |
| Arsenic    | 75-2  | 0.45     | 0.26     | 0.28     | 0.33       | 32.28   | ppb   |
| Barium     | 135-1 | 67.29    | 67.00    | 67.56    | 67.28      | 0.42    | ppb   |
| Barium     | 137-1 | 67.91    | 67.01    | 68.47    | 67.79      | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.04     | 0.02     | 0.03       | 34.68   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 11-1  | 84.34    | 86.29    | 85.97    | 85.53      | 1.22    | ppb   |
| Boron      | 10-1  | 84.05    | 84.52    | 83.29    | 83.95      | 0.74    | ppb   |
| Cadmium    | 106-1 | -2.10    | -3.02    | -2.00    | -2.37      |         | ppb   |
| Cadmium    | 108-1 | 0.21     | 0.02     | 0.05     | 0.10       | 104.19  | ppb   |
| Cadmium    | 111-1 | -0.13    | -0.19    | -0.10    | -0.14      |         | ppb   |
| Calcium    | 43-1  | 40698.82 | 40928.69 | 41698.08 | 41108.53   | 1.27    | ppb   |
| Calcium    | 44-1  | 41221.59 | 41251.85 | 41792.56 | 41422.00   | 0.78    | ppb   |
| Chromium   | 52-2  | -0.03    | -0.01    | -0.01    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.10     | 0.14     | 0.12     | 0.12       | 17.73   | ppb   |
| Copper     | 63-2  | 947.08   | 937.03   | 935.10   | 939.74     | 0.68    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 67.72    | 67.45    | 64.85    | 66.68      | 2.38    | ppb   |
| Iron       | 57-2  | 66.67    | 69.01    | 73.40    | 69.69      | 4.90    | ppb   |
| Lead       | 206-1 | 0.22     | 0.21     | 0.25     | 0.23       | 6.94    | ppb   |
| Lead       | 207-1 | 0.19     | 0.19     | 0.20     | 0.19       | 2.75    | ppb   |
| Lead       | 208-1 | 0.23     | 0.22     | 0.24     | 0.23       | 3.69    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 10682.75 | 10884.54 | 10728.59 | 10765.29   | 0.98    | ppb   |
| Manganese  | 55-2  | 18.63    | 19.45    | 18.64    | 18.91      | 2.50    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-10 Instrumnet Name : P8  
 Client Sample ID : KINDERGARDEN-BATH Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:50:49 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.68     | 1.67     | 1.77     | 1.70       | 3.20    | ppb   |
| Molybdenum | 94-1  | 0.52     | 0.51     | 0.51     | 0.51       | 1.40    | ppb   |
| Molybdenum | 95-1  | 1.83     | 1.70     | 1.81     | 1.78       | 4.09    | ppb   |
| Molybdenum | 96-1  | 1.40     | 1.47     | 1.34     | 1.40       | 4.43    | ppb   |
| Molybdenum | 97-1  | 1.76     | 1.81     | 1.77     | 1.78       | 1.49    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 38.88    | 39.98    | 38.88    | 39.24      | 1.61    | ppb   |
| Phosphorus | 31-2  | 261.39   | 202.30   | 251.82   | 238.50     | 13.30   | ppb   |
| Potassium  | 39-2  | 2562.58  | 2678.00  | 2560.39  | 2600.32    | 2.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | 0.97     | -1.11      |         | ppb   |
| Selenium   | 78-2  | 0.62     | -0.87    | 0.64     | 0.13       | 657.04  | ppb   |
| Selenium   | 82-1  | 0.37     | 0.40     | 0.78     | 0.51       | 44.04   | ppb   |
| Silicon    | 28-1  | 4640.35  | 4649.80  | 4690.70  | 4660.28    | 0.57    | ppb   |
| Silver     | 109-1 | 0.21     | 0.20     | 0.19     | 0.20       | 3.99    | ppb   |
| Silver     | 107-1 | 0.20     | 0.19     | 0.20     | 0.19       | 3.90    | ppb   |
| Sodium     | 23-2  | 37983.85 | 38264.42 | 38184.72 | 38144.33   | 0.38    | ppb   |
| Strontium  | 86-1  | 281.57   | 282.65   | 281.44   | 281.89     | 0.23    | ppb   |
| Strontium  | 88-1  | 288.91   | 288.41   | 286.28   | 287.86     | 0.49    | ppb   |
| Sulfur     | 34-1  | 23177.18 | 23166.63 | 24282.20 | 23542.01   | 2.72    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.01     | 0.00       | 129.88  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 75.22   | ppb   |
| Tin        | 118-1 | 0.63     | 0.66     | 0.61     | 0.63       | 3.91    | ppb   |
| Titanium   | 47-1  | 0.14     | 0.13     | 0.23     | 0.17       | 32.52   | ppb   |
| Uranium    | 238-1 | 0.13     | 0.15     | 0.15     | 0.14       | 7.32    | ppb   |
| Vanadium   | 51-2  | 0.94     | 0.98     | 0.93     | 0.95       | 2.72    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 133.33   | 134.61   | 133.90   | 133.95     | 0.48    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.01     | 0.01       | 33.64   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | KINDERGARDEN-BATH-  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:50:49 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.01    | 0.00       | 340.42  | ppb   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-11 Instrumnet Name : P8  
 Client Sample ID : 2ND-FLOOR-FOUNTAIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:53:55 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.31     | 1.51     | 7.34     | 4.39       | 66.41   | ppb   |
| Antimony   | 121-1 | 0.50     | 0.53     | 0.57     | 0.53       | 6.66    | ppb   |
| Arsenic    | 75-2  | 0.31     | 0.28     | 0.20     | 0.26       | 19.92   | ppb   |
| Barium     | 135-1 | 70.97    | 72.69    | 73.39    | 72.35      | 1.72    | ppb   |
| Barium     | 137-1 | 72.74    | 73.92    | 73.93    | 73.53      | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.05     | 0.04     | 0.04       | 13.68   | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 11-1  | 67.13    | 69.51    | 70.11    | 68.92      | 2.29    | ppb   |
| Boron      | 10-1  | 65.90    | 69.53    | 72.99    | 69.47      | 5.10    | ppb   |
| Cadmium    | 106-1 | -2.17    | -2.36    | -2.60    | -2.37      |         | ppb   |
| Cadmium    | 108-1 | 0.05     | 0.25     | 0.09     | 0.13       | 78.99   | ppb   |
| Cadmium    | 111-1 | -0.11    | -0.13    | -0.14    | -0.13      |         | ppb   |
| Calcium    | 43-1  | 35355.51 | 36782.58 | 37774.65 | 36637.58   | 3.32    | ppb   |
| Calcium    | 44-1  | 35221.40 | 37329.64 | 37942.12 | 36831.05   | 3.88    | ppb   |
| Chromium   | 52-2  | 5.44     | 5.55     | 5.78     | 5.59       | 3.09    | ppb   |
| Cobalt     | 59-2  | 0.32     | 0.31     | 0.32     | 0.31       | 2.30    | ppb   |
| Copper     | 63-2  | 1241.47  | 1240.40  | 1288.07  | 1256.65    | 2.17    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 91.31    | 90.17    | 94.88    | 92.12      | 2.67    | ppb   |
| Iron       | 57-2  | 90.42    | 88.89    | 98.64    | 92.65      | 5.66    | ppb   |
| Lead       | 206-1 | 0.13     | 0.11     | 0.11     | 0.12       | 7.37    | ppb   |
| Lead       | 207-1 | 0.07     | 0.11     | 0.13     | 0.10       | 27.72   | ppb   |
| Lead       | 208-1 | 0.11     | 0.11     | 0.12     | 0.11       | 2.38    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 10772.17 | 10781.05 | 11093.13 | 10882.12   | 1.68    | ppb   |
| Manganese  | 55-2  | 30.37    | 31.06    | 31.89    | 31.11      | 2.44    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-11 Instrumnet Name : P8  
 Client Sample ID : 2ND-FLOOR-FOUNTAIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:53:55 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.41     | 1.46     | 1.55     | 1.47       | 4.96    | ppb   |
| Molybdenum | 94-1  | 0.44     | 0.48     | 0.50     | 0.47       | 6.81    | ppb   |
| Molybdenum | 95-1  | 1.30     | 1.43     | 1.41     | 1.38       | 5.12    | ppb   |
| Molybdenum | 96-1  | 1.17     | 1.23     | 1.23     | 1.21       | 2.78    | ppb   |
| Molybdenum | 97-1  | 1.48     | 1.57     | 1.55     | 1.53       | 3.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 41.63    | 42.04    | 43.03    | 42.23      | 1.71    | ppb   |
| Phosphorus | 31-2  | 101.48   | 101.29   | 104.34   | 102.37     | 1.67    | ppb   |
| Potassium  | 39-2  | 2771.85  | 2802.47  | 2889.78  | 2821.37    | 2.17    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | -2.16    | 1.02     | 1.01     | -0.04      |         | ppb   |
| Selenium   | 78-2  | 0.66     | -0.36    | 3.72     | 1.34       | 158.09  | ppb   |
| Selenium   | 82-1  | 0.41     | 0.74     | -0.05    | 0.37       | 109.56  | ppb   |
| Silicon    | 28-1  | 4435.81  | 4605.12  | 4717.22  | 4586.05    | 3.09    | ppb   |
| Silver     | 109-1 | 0.13     | 0.15     | 0.16     | 0.15       | 11.97   | ppb   |
| Silver     | 107-1 | 0.16     | 0.17     | 0.18     | 0.17       | 6.19    | ppb   |
| Sodium     | 23-2  | 38441.80 | 38358.41 | 39112.88 | 38637.70   | 1.07    | ppb   |
| Strontium  | 86-1  | 216.76   | 227.29   | 234.70   | 226.25     | 3.98    | ppb   |
| Strontium  | 88-1  | 222.58   | 229.98   | 236.57   | 229.71     | 3.05    | ppb   |
| Sulfur     | 34-1  | 19748.26 | 21108.49 | 21600.87 | 20819.21   | 4.61    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.00     | 0.01       | 56.27   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.57   | ppb   |
| Tin        | 118-1 | 0.44     | 0.43     | 0.43     | 0.43       | 1.14    | ppb   |
| Titanium   | 47-1  | 0.24     | 0.14     | 0.16     | 0.18       | 29.02   | ppb   |
| Uranium    | 238-1 | 0.09     | 0.10     | 0.10     | 0.10       | 6.75    | ppb   |
| Vanadium   | 51-2  | 0.88     | 0.75     | 0.77     | 0.80       | 9.02    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 348.44   | 354.88   | 364.30   | 355.87     | 2.24    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.03     | 0.02       | 33.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | 2ND-FLOOR-FOUNTAIN  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:53:55 | DataFile Name :   | 055SMPL.d |

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

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-12 Instrumnet Name : P8  
 Client Sample ID : PRE-K-BATHROOM-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:57:01 DataFile Name : 056SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.01     | 9.87     | 12.19    | 9.02       | 40.60   | ppb   |
| Antimony   | 121-1 | 0.45     | 0.47     | 0.51     | 0.48       | 6.82    | ppb   |
| Arsenic    | 75-2  | 0.44     | 0.32     | 0.38     | 0.38       | 16.03   | ppb   |
| Barium     | 135-1 | 69.01    | 67.38    | 68.09    | 68.16      | 1.20    | ppb   |
| Barium     | 137-1 | 69.41    | 69.29    | 69.81    | 69.50      | 0.39    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.00     | 0.03     | 0.01       | 127.87  | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 11-1  | 74.72    | 76.71    | 76.80    | 76.08      | 1.55    | ppb   |
| Boron      | 10-1  | 73.29    | 79.92    | 78.16    | 77.12      | 4.46    | ppb   |
| Cadmium    | 106-1 | -2.34    | -2.89    | -2.52    | -2.58      |         | ppb   |
| Cadmium    | 108-1 | -0.05    | -0.03    | 0.05     | -0.01      |         | ppb   |
| Cadmium    | 111-1 | -0.14    | -0.17    | -0.16    | -0.16      |         | ppb   |
| Calcium    | 43-1  | 41211.28 | 41080.94 | 41318.55 | 41203.59   | 0.29    | ppb   |
| Calcium    | 44-1  | 41964.84 | 41564.30 | 41533.19 | 41687.44   | 0.58    | ppb   |
| Chromium   | 52-2  | 0.01     | 0.06     | -0.01    | 0.02       | 205.24  | ppb   |
| Cobalt     | 59-2  | 0.08     | 0.09     | 0.06     | 0.07       | 21.17   | ppb   |
| Copper     | 63-2  | 348.18   | 358.63   | 345.88   | 350.90     | 1.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 161.09   | 164.71   | 161.61   | 162.47     | 1.20    | ppb   |
| Iron       | 57-2  | 160.75   | 163.47   | 162.42   | 162.21     | 0.85    | ppb   |
| Lead       | 206-1 | 0.34     | 0.40     | 0.36     | 0.37       | 7.29    | ppb   |
| Lead       | 207-1 | 0.33     | 0.30     | 0.32     | 0.32       | 5.04    | ppb   |
| Lead       | 208-1 | 0.34     | 0.34     | 0.35     | 0.34       | 0.24    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 10593.30 | 10970.00 | 10557.79 | 10707.03   | 2.13    | ppb   |
| Manganese  | 55-2  | 17.86    | 18.97    | 17.62    | 18.15      | 3.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | PRE-K-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:57:01 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 1.55     | 1.52     | 1.61     | 1.56       | 3.11    | ppb   |
| Molybdenum | 94-1  | 0.51     | 0.49     | 0.49     | 0.49       | 2.56    | ppb   |
| Molybdenum | 95-1  | 1.46     | 1.56     | 1.48     | 1.50       | 3.55    | ppb   |
| Molybdenum | 96-1  | 1.22     | 1.25     | 1.26     | 1.24       | 1.71    | ppb   |
| Molybdenum | 97-1  | 1.59     | 1.53     | 1.53     | 1.55       | 2.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 20.68    | 21.06    | 20.32    | 20.68      | 1.79    | ppb   |
| Phosphorus | 31-2  | 525.81   | 425.35   | 323.46   | 424.88     | 23.81   | ppb   |
| Potassium  | 39-2  | 2664.26  | 2659.04  | 2581.54  | 2634.94    | 1.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 0.93     | -2.16    | 0.93     | -0.10      |         | ppb   |
| Selenium   | 78-2  | 1.12     | 0.12     | 0.12     | 0.46       | 126.21  | ppb   |
| Selenium   | 82-1  | 0.04     | 0.02     | 0.01     | 0.02       | 84.28   | ppb   |
| Silicon    | 28-1  | 4430.73  | 4412.04  | 4450.52  | 4431.10    | 0.43    | ppb   |
| Silver     | 109-1 | 0.11     | 0.14     | 0.12     | 0.13       | 11.24   | ppb   |
| Silver     | 107-1 | 0.13     | 0.13     | 0.15     | 0.14       | 5.29    | ppb   |
| Sodium     | 23-2  | 38279.21 | 39633.06 | 38449.48 | 38787.25   | 1.90    | ppb   |
| Strontium  | 86-1  | 259.09   | 260.57   | 262.99   | 260.88     | 0.76    | ppb   |
| Strontium  | 88-1  | 267.41   | 266.39   | 264.37   | 266.06     | 0.58    | ppb   |
| Sulfur     | 34-1  | 21599.76 | 22035.69 | 21842.39 | 21825.95   | 1.00    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.01     | 0.00       | 55.64   | ppb   |
| Tin        | 118-1 | 0.01     | 0.02     | 0.00     | 0.01       | 107.04  | ppb   |
| Titanium   | 47-1  | 0.24     | 0.20     | 0.29     | 0.24       | 17.72   | ppb   |
| Uranium    | 238-1 | 0.15     | 0.15     | 0.14     | 0.15       | 3.08    | ppb   |
| Vanadium   | 51-2  | 0.99     | 1.11     | 1.01     | 1.04       | 5.97    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 88.94    | 90.21    | 88.42    | 89.19      | 1.03    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 26.48   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | PRE-K-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:57:01 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 189.50  | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV030              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV030              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 16:00:08 | DataFile Name :   | 057CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50810.26  | 49886.38  | 50095.52  | 50264.05   | 0.96    | ppb   |
| Antimony   | 121-1 | 523.76    | 517.15    | 510.34    | 517.08     | 1.30    | ppb   |
| Arsenic    | 75-2  | 509.06    | 502.87    | 507.27    | 506.40     | 0.63    | ppb   |
| Barium     | 135-1 | 2620.73   | 2618.70   | 2580.64   | 2606.69    | 0.87    | ppb   |
| Barium     | 137-1 | 2633.14   | 2617.49   | 2566.74   | 2605.79    | 1.33    | ppb   |
| Beryllium  | 9-1   | 517.33    | 512.74    | 505.58    | 511.88     | 1.16    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 11-1  | 511.12    | 509.68    | 515.17    | 511.99     | 0.56    | ppb   |
| Boron      | 10-1  | 521.27    | 517.78    | 526.33    | 521.79     | 0.82    | ppb   |
| Cadmium    | 106-1 | 508.75    | 510.49    | 505.17    | 508.13     | 0.53    | ppb   |
| Cadmium    | 108-1 | 512.38    | 506.85    | 505.96    | 508.40     | 0.68    | ppb   |
| Cadmium    | 111-1 | 509.52    | 504.64    | 495.86    | 503.34     | 1.38    | ppb   |
| Calcium    | 43-1  | 246235.55 | 243954.20 | 244068.22 | 244752.66  | 0.53    | ppb   |
| Calcium    | 44-1  | 245528.89 | 247764.05 | 247153.29 | 246815.41  | 0.47    | ppb   |
| Chromium   | 52-2  | 521.45    | 514.55    | 509.57    | 515.19     | 1.16    | ppb   |
| Cobalt     | 59-2  | 509.47    | 497.04    | 497.08    | 501.20     | 1.43    | ppb   |
| Copper     | 63-2  | 1041.25   | 1011.97   | 1010.71   | 1021.31    | 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 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 129804.58 | 127078.11 | 126728.12 | 127870.27  | 1.32    | ppb   |
| Iron       | 57-2  | 131043.46 | 128128.60 | 127497.57 | 128889.88  | 1.47    | ppb   |
| Lead       | 206-1 | 533.18    | 527.17    | 525.48    | 528.61     | 0.77    | ppb   |
| Lead       | 207-1 | 515.72    | 527.27    | 526.66    | 523.21     | 1.24    | ppb   |
| Lead       | 208-1 | 525.60    | 527.76    | 527.57    | 526.98     | 0.23    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 257598.41 | 252787.42 | 253036.03 | 254473.95  | 1.06    | ppb   |
| Manganese  | 55-2  | 1037.52   | 1025.27   | 1021.39   | 1028.06    | 0.82    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV030              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV030              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 16:00:08 | DataFile Name :   | 057CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 522.08    | 527.83    | 524.33    | 524.75     | 0.55    | ppb   |
| Molybdenum | 94-1  | 520.15    | 520.35    | 515.34    | 518.61     | 0.55    | ppb   |
| Molybdenum | 95-1  | 528.46    | 530.01    | 516.66    | 525.04     | 1.39    | ppb   |
| Molybdenum | 96-1  | 527.21    | 531.79    | 526.31    | 528.44     | 0.56    | ppb   |
| Molybdenum | 97-1  | 519.40    | 524.40    | 522.10    | 521.97     | 0.48    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 512.15    | 499.13    | 498.83    | 503.37     | 1.51    | ppb   |
| Phosphorus | 31-2  | 10133.32  | 9907.79   | 10095.57  | 10045.56   | 1.20    | ppb   |
| Potassium  | 39-2  | 129737.01 | 129999.96 | 127143.94 | 128960.30  | 1.22    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 541.47    | 602.04    | 520.31    | 554.61     | 7.65    | ppb   |
| Selenium   | 78-2  | 507.73    | 522.89    | 504.90    | 511.84     | 1.89    | ppb   |
| Selenium   | 82-1  | 512.82    | 506.76    | 506.34    | 508.64     | 0.71    | ppb   |
| Silicon    | 28-1  | 513.27    | 511.78    | 517.64    | 514.23     | 0.59    | ppb   |
| Silver     | 109-1 | 527.49    | 520.23    | 509.19    | 518.97     | 1.78    | ppb   |
| Silver     | 107-1 | 520.70    | 518.38    | 516.33    | 518.47     | 0.42    | ppb   |
| Sodium     | 23-2  | 259960.85 | 254455.29 | 255173.30 | 256529.82  | 1.17    | ppb   |
| Strontium  | 86-1  | 549.21    | 537.97    | 530.10    | 539.10     | 1.78    | ppb   |
| Strontium  | 88-1  | 539.23    | 533.48    | 527.84    | 533.52     | 1.07    | ppb   |
| Sulfur     | 34-1  | 11783.02  | 11755.16  | 11668.45  | 11735.54   | 0.51    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 531.70    | 528.64    | 524.05    | 528.13     | 0.73    | ppb   |
| Thallium   | 205-1 | 525.19    | 522.55    | 518.24    | 521.99     | 0.67    | ppb   |
| Tin        | 118-1 | 539.37    | 529.45    | 518.84    | 529.22     | 1.94    | ppb   |
| Titanium   | 47-1  | 505.24    | 507.93    | 512.44    | 508.53     | 0.72    | ppb   |
| Uranium    | 238-1 | 528.63    | 526.77    | 531.04    | 528.81     | 0.40    | ppb   |
| Vanadium   | 51-2  | 522.91    | 515.06    | 514.19    | 517.39     | 0.93    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 1021.44   | 1010.77   | 1009.84   | 1014.02    | 0.64    | ppb   |
| Zirconium  | 90-1  | 528.28    | 526.50    | 513.81    | 522.87     | 1.51    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV030              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV030              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 16:00:08 | DataFile Name :   | 057CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 519.43  | 514.72  | 512.57  | 515.57     | 0.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB030              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB030              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 16:03:06 | DataFile Name :   | 058CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.72    | -0.28   | -1.24   | -0.27      |         | ppb   |
| Antimony   | 121-1 | 0.30    | 0.27    | 0.28    | 0.28       | 5.14    | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.02    | 0.03    | 0.01       | 303.12  | ppb   |
| Barium     | 135-1 | 0.04    | -0.02   | 0.00    | 0.01       | 467.12  | ppb   |
| Barium     | 137-1 | 0.05    | 0.02    | 0.01    | 0.03       | 69.43   | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.08    | 0.12    | 0.10       | 23.51   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 11-1  | 16.45   | 15.16   | 14.48   | 15.36      | 6.50    | ppb   |
| Boron      | 10-1  | 15.64   | 15.84   | 12.68   | 14.72      | 12.04   | ppb   |
| Cadmium    | 106-1 | -1.97   | -2.18   | -1.85   | -2.00      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | -0.05   | -0.03      |         | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.13   | -0.11   | -0.12      |         | ppb   |
| Calcium    | 43-1  | 6.52    | 3.47    | -2.69   | 2.43       | 192.76  | ppb   |
| Calcium    | 44-1  | -8.24   | -9.96   | -10.58  | -9.59      |         | ppb   |
| Chromium   | 52-2  | -0.11   | 0.10    | 0.11    | 0.04       | 337.08  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.15    | 0.13    | 0.17    | 0.15       | 14.48   | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.71    | 0.65    | 0.72    | 0.69       | 6.04    | ppb   |
| Iron       | 57-2  | 0.08    | 0.60    | 0.06    | 0.25       | 122.00  | ppb   |
| Lead       | 206-1 | 0.01    | 0.02    | 0.02    | 0.02       | 58.54   | ppb   |
| Lead       | 207-1 | 0.00    | 0.02    | 0.01    | 0.01       | 80.49   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.86   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 0.45    | 1.38    | 0.84    | 0.89       | 52.32   | ppb   |
| Manganese  | 55-2  | -0.03   | 0.02    | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB030              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB030              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 16:03:06 | DataFile Name :   | 058CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.07    | 0.06    | 0.05    | 0.06       | 23.92   | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.05    | 0.05    | 0.06       | 29.80   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.05    | 0.05    | 0.06       | 18.73   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.06    | 0.05    | 0.06       | 9.21    | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.13    | 0.05    | 0.08       | 49.90   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.38   | -0.39   | -0.41   | -0.39      |         | ppb   |
| Phosphorus | 31-2  | -1.86   | -15.49  | -1.93   | -6.43      |         | ppb   |
| Potassium  | 39-2  | 16.21   | -0.07   | 3.83    | 6.66       | 127.75  | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | -0.34   | -0.87   | 0.19    | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.26    | -0.16   | -0.36   | -0.09      |         | ppb   |
| Silicon    | 28-1  | -18.52  | -19.72  | -19.79  | -19.34     |         | ppb   |
| Silver     | 109-1 | 0.06    | 0.05    | 0.05    | 0.05       | 16.08   | ppb   |
| Silver     | 107-1 | 0.06    | 0.05    | 0.05    | 0.05       | 10.34   | ppb   |
| Sodium     | 23-2  | 52.37   | 50.98   | 46.59   | 49.98      | 6.04    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.00    | 0.00    | 0.00       | 965.22  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 88.09   | ppb   |
| Sulfur     | 34-1  | -830.78 | -976.97 | -981.12 | -929.62    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.04    | 0.06    | 0.05       | 13.80   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.06    | 0.04    | 0.05       | 11.48   | ppb   |
| Tin        | 118-1 | 0.05    | 0.01    | 0.18    | 0.08       | 109.11  | ppb   |
| Titanium   | 47-1  | -0.02   | -0.01   | -0.04   | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.01       | 66.32   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 107.98  | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.28    | 0.13    | 0.13    | 0.18       | 46.34   | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.06    | 0.06    | 0.06       | 5.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB030              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB030              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 16:03:06 | DataFile Name :   | 058CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.05    | 0.02    | 0.05       | 56.61   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV031              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV031              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 17:59:05 | DataFile Name :   | 059CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51681.55  | 51627.72  | 51559.64  | 51622.97   | 0.12    | ppb   |
| Antimony   | 121-1 | 513.72    | 514.57    | 509.89    | 512.73     | 0.49    | ppb   |
| Arsenic    | 75-2  | 498.64    | 507.00    | 507.89    | 504.51     | 1.01    | ppb   |
| Barium     | 135-1 | 2571.68   | 2600.01   | 2567.05   | 2579.58    | 0.69    | ppb   |
| Barium     | 137-1 | 2573.03   | 2556.89   | 2556.32   | 2562.08    | 0.37    | ppb   |
| Beryllium  | 9-1   | 523.05    | 522.97    | 502.19    | 516.07     | 2.33    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 11-1  | 505.96    | 513.21    | 503.08    | 507.42     | 1.03    | ppb   |
| Boron      | 10-1  | 505.25    | 526.02    | 492.67    | 507.98     | 3.32    | ppb   |
| Cadmium    | 106-1 | 501.03    | 507.96    | 499.41    | 502.80     | 0.90    | ppb   |
| Cadmium    | 108-1 | 512.82    | 503.71    | 501.59    | 506.04     | 1.18    | ppb   |
| Cadmium    | 111-1 | 493.54    | 495.82    | 489.58    | 492.98     | 0.64    | ppb   |
| Calcium    | 43-1  | 243532.27 | 241679.83 | 237666.18 | 240959.42  | 1.24    | ppb   |
| Calcium    | 44-1  | 246724.14 | 243677.00 | 238985.37 | 243128.83  | 1.60    | ppb   |
| Chromium   | 52-2  | 509.77    | 508.97    | 506.89    | 508.54     | 0.29    | ppb   |
| Cobalt     | 59-2  | 493.95    | 491.41    | 495.40    | 493.59     | 0.41    | ppb   |
| Copper     | 63-2  | 1000.75   | 1006.28   | 988.55    | 998.53     | 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 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 126987.26 | 125593.79 | 125488.38 | 126023.15  | 0.66    | ppb   |
| Iron       | 57-2  | 127722.18 | 127027.41 | 128682.68 | 127810.76  | 0.65    | ppb   |
| Lead       | 206-1 | 529.81    | 522.99    | 516.36    | 523.05     | 1.29    | ppb   |
| Lead       | 207-1 | 530.10    | 522.38    | 518.02    | 523.50     | 1.17    | ppb   |
| Lead       | 208-1 | 526.97    | 520.49    | 516.07    | 521.18     | 1.05    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 257608.38 | 255266.01 | 255064.40 | 255979.60  | 0.55    | ppb   |
| Manganese  | 55-2  | 1027.96   | 1016.07   | 1013.65   | 1019.23    | 0.75    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV031              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV031              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 17:59:05 | DataFile Name :   | 059CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 521.76    | 518.46    | 514.74    | 518.32     | 0.68    | ppb   |
| Molybdenum | 94-1  | 518.76    | 516.41    | 509.87    | 515.01     | 0.89    | ppb   |
| Molybdenum | 95-1  | 520.92    | 518.82    | 515.19    | 518.31     | 0.56    | ppb   |
| Molybdenum | 96-1  | 524.02    | 518.43    | 515.73    | 519.39     | 0.81    | ppb   |
| Molybdenum | 97-1  | 525.71    | 515.25    | 517.73    | 519.56     | 1.05    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.37    | 494.30    | 493.13    | 493.60     | 0.13    | ppb   |
| Phosphorus | 31-2  | 10317.86  | 11812.73  | 10249.26  | 10793.28   | 8.19    | ppb   |
| Potassium  | 39-2  | 129799.99 | 129742.78 | 127355.65 | 128966.14  | 1.08    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 474.80    | 486.24    | 491.29    | 484.11     | 1.74    | ppb   |
| Selenium   | 78-2  | 506.48    | 519.18    | 517.69    | 514.45     | 1.35    | ppb   |
| Selenium   | 82-1  | 505.30    | 502.08    | 500.00    | 502.46     | 0.53    | ppb   |
| Silicon    | 28-1  | 519.57    | 512.50    | 510.77    | 514.28     | 0.91    | ppb   |
| Silver     | 109-1 | 509.48    | 513.79    | 504.48    | 509.25     | 0.92    | ppb   |
| Silver     | 107-1 | 515.26    | 512.41    | 505.06    | 510.91     | 1.03    | ppb   |
| Sodium     | 23-2  | 259346.44 | 257595.75 | 256187.09 | 257709.76  | 0.61    | ppb   |
| Strontium  | 86-1  | 532.07    | 537.18    | 528.94    | 532.73     | 0.78    | ppb   |
| Strontium  | 88-1  | 534.13    | 528.63    | 525.62    | 529.46     | 0.81    | ppb   |
| Sulfur     | 34-1  | 13409.89  | 12851.62  | 12762.06  | 13007.86   | 2.70    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 528.11    | 521.49    | 523.97    | 524.52     | 0.64    | ppb   |
| Thallium   | 205-1 | 526.91    | 516.76    | 519.71    | 521.13     | 1.00    | ppb   |
| Tin        | 118-1 | 523.84    | 523.05    | 511.62    | 519.50     | 1.32    | ppb   |
| Titanium   | 47-1  | 510.33    | 499.15    | 502.96    | 504.15     | 1.13    | ppb   |
| Uranium    | 238-1 | 527.14    | 527.60    | 529.74    | 528.16     | 0.26    | ppb   |
| Vanadium   | 51-2  | 514.14    | 510.51    | 508.96    | 511.20     | 0.52    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 997.43    | 1007.09   | 994.90    | 999.81     | 0.64    | ppb   |
| Zirconium  | 90-1  | 516.12    | 511.41    | 511.76    | 513.10     | 0.51    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV031              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV031              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 17:59:05 | DataFile Name :   | 059CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 516.43  | 516.60  | 504.21  | 512.42     | 1.39    | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB031 Instrumnet Name : P8  
 Client Sample ID : CCB031 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 18:02:03 DataFile Name : 060CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.65    | 0.71    | -0.30   | 0.35       | 159.85  | ppb   |
| Antimony   | 121-1 | 0.24    | 0.25    | 0.25    | 0.25       | 2.62    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.02    | 0.06    | 0.04       | 50.90   | ppb   |
| Barium     | 135-1 | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.01    | 0.01    | 0.01       | 178.75  | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.04    | 0.04    | 0.06       | 58.91   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 11-1  | 10.10   | 9.51    | 8.88    | 9.49       | 6.44    | ppb   |
| Boron      | 10-1  | 9.73    | 10.67   | 8.70    | 9.70       | 10.13   | ppb   |
| Cadmium    | 106-1 | -1.76   | -2.02   | -2.64   | -2.14      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.02   | -0.08   | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.13   | -0.16   | -0.14      |         | ppb   |
| Calcium    | 43-1  | 17.12   | 12.69   | 15.28   | 15.03      | 14.80   | ppb   |
| Calcium    | 44-1  | -11.83  | -13.28  | -11.70  | -12.27     |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 0.60    | 0.65    | 0.39    | 0.55       | 25.24   | ppb   |
| Iron       | 57-2  | 2.52    | 2.08    | 1.70    | 2.10       | 19.74   | ppb   |
| Lead       | 206-1 | 0.02    | 0.05    | 0.03    | 0.03       | 40.01   | ppb   |
| Lead       | 207-1 | 0.04    | 0.02    | 0.02    | 0.03       | 33.92   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.02    | 0.03       | 20.45   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | -0.86   | 1.25    | -0.06   | 0.11       | 972.64  | ppb   |
| Manganese  | 55-2  | 0.08    | -0.06   | -0.01   | 0.00       | 1973.42 | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB031              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB031              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:02:03 | DataFile Name :   | 060CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.06    | 0.05    | 0.03    | 0.05       | 24.63   | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.05    | 0.04    | 0.05       | 10.60   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.03    | 0.04    | 0.04       | 27.67   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.04    | 0.04       | 11.57   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.04    | 0.02    | 0.04       | 62.37   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.34   | -0.37   | -0.32   | -0.34      |         | ppb   |
| Phosphorus | 31-2  | 37.65   | -15.49  | 11.17   | 11.11      | 239.17  | ppb   |
| Potassium  | 39-2  | 6.21    | 20.85   | 4.74    | 10.60      | 84.04   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | 1.15    | -1.05      |         | ppb   |
| Selenium   | 78-2  | 0.19    | 0.19    | -0.87   | -0.16      |         | ppb   |
| Selenium   | 82-1  | 0.40    | 0.17    | -0.08   | 0.16       | 145.65  | ppb   |
| Silicon    | 28-1  | -16.30  | -18.11  | -17.08  | -17.17     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.03    | 0.02       | 21.41   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.48   | ppb   |
| Sodium     | 23-2  | 47.00   | 48.91   | 44.37   | 46.76      | 4.88    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.00    | 0.07    | 0.03       | 109.99  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 18.45   | ppb   |
| Sulfur     | 34-1  | -237.95 | -281.36 | -247.70 | -255.67    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.15    | 0.15    | 0.10    | 0.13       | 20.67   | ppb   |
| Thallium   | 205-1 | 0.16    | 0.14    | 0.11    | 0.13       | 20.90   | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 72.39   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.00       | 428.09  | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.23    | 0.27    | 0.16    | 0.22       | 25.74   | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.05    | 0.04       | 9.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB031              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB031              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:02:03 | DataFile Name :   | 060CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 21.87   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : PB101614BL Instrumnet Name : P8  
 Client Sample ID : PBW007 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 18:05:11 DataFile Name : 061CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.80    | 1.74    | -1.25   | 0.43       | 353.32  | ppb   |
| Antimony   | 121-1 | 0.06    | 0.08    | 0.07    | 0.07       | 16.36   | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.02   | 0.01    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.00    | 0.00    | 0.01       | 104.32  | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.01    | 0.04    | 0.03       | 70.82   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 11-1  | 4.59    | 4.15    | 4.74    | 4.49       | 6.83    | ppb   |
| Boron      | 10-1  | 5.16    | 5.16    | 3.67    | 4.66       | 18.49   | ppb   |
| Cadmium    | 106-1 | -3.54   | -2.33   | -2.07   | -2.65      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.04    | 0.04    | 0.01       | 488.91  | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.16   | -0.14   | -0.18      |         | ppb   |
| Calcium    | 43-1  | 24.67   | 24.49   | 10.93   | 20.03      | 39.33   | ppb   |
| Calcium    | 44-1  | -13.49  | -16.53  | -12.33  | -14.12     |         | ppb   |
| Chromium   | 52-2  | -0.07   | -0.09   | -0.01   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.02   | -0.01   | -0.04   | -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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.40    | 0.60    | 0.20    | 0.40       | 49.66   | ppb   |
| Iron       | 57-2  | 0.47    | 2.15    | 0.89    | 1.17       | 74.64   | ppb   |
| Lead       | 206-1 | 0.01    | 0.02    | 0.02    | 0.02       | 51.11   | ppb   |
| Lead       | 207-1 | -0.01   | 0.02    | 0.02    | 0.01       | 179.67  | ppb   |
| Lead       | 208-1 | 0.01    | 0.02    | 0.02    | 0.02       | 33.45   | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | -0.67   | -1.35   | 1.80    | -0.08      |         | ppb   |
| Manganese  | 55-2  | -0.10   | -0.02   | -0.05   | -0.06      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:05:11 | DataFile Name :   | 061CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 29.73   | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.03    | 0.03       | 28.96   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | 0.00    | 0.00       | 765.19  | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01    | 0.02       | 53.13   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.03    | 0.02       | 32.93   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.35   | -0.40   | -0.37   | -0.37      |         | ppb   |
| Phosphorus | 31-2  | -1.49   | -1.73   | 11.42   | 2.73       | 275.35  | ppb   |
| Potassium  | 39-2  | 17.25   | -4.75   | -3.01   | 3.16       | 386.90  | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | -2.16   | 4.74    | -2.16   | 0.14       | 2791.34 | ppb   |
| Selenium   | 78-2  | 0.25    | 0.79    | 1.30    | 0.78       | 66.81   | ppb   |
| Selenium   | 82-1  | 0.28    | -0.35   | -0.69   | -0.25      |         | ppb   |
| Silicon    | 28-1  | -14.21  | -16.53  | -14.37  | -15.04     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 41.19   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 60.24   | ppb   |
| Sodium     | 23-2  | 31.63   | 38.70   | 30.24   | 33.52      | 13.54   | ppb   |
| Strontium  | 86-1  | -0.05   | -0.02   | -0.01   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 520.00  | 220.38  | 418.36  | 386.25     | 39.45   | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.04    | 0.04       | 10.09   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.05    | 0.03    | 0.04       | 29.04   | ppb   |
| Tin        | 118-1 | -0.04   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.05   | -0.01   | -0.02   | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 0.08    | -0.13   | -0.02   | -0.02      |         | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.03    | 0.03       | 6.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:05:11 | DataFile Name :   | 061CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.04   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:08:18 | DataFile Name :   | 062LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 44.16   | 43.23   | 45.45   | 44.28      | 2.51    | ppb   |
| Antimony   | 121-1 | 4.31    | 4.10    | 4.00    | 4.14       | 3.79    | ppb   |
| Arsenic    | 75-2  | 2.17    | 2.08    | 2.14    | 2.13       | 1.95    | ppb   |
| Barium     | 135-1 | 19.59   | 19.45   | 19.13   | 19.39      | 1.24    | ppb   |
| Barium     | 137-1 | 20.37   | 20.20   | 19.61   | 20.06      | 1.98    | ppb   |
| Beryllium  | 9-1   | 2.14    | 1.99    | 1.99    | 2.04       | 4.19    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 11-1  | 49.23   | 47.45   | 48.21   | 48.30      | 1.85    | ppb   |
| Boron      | 10-1  | 49.54   | 47.53   | 46.09   | 47.72      | 3.64    | ppb   |
| Cadmium    | 106-1 | -0.97   | -0.61   | 0.21    | -0.46      |         | ppb   |
| Cadmium    | 108-1 | 2.40    | 1.92    | 2.09    | 2.14       | 11.31   | ppb   |
| Cadmium    | 111-1 | 1.97    | 1.86    | 1.94    | 1.92       | 2.96    | ppb   |
| Calcium    | 43-1  | 973.70  | 943.08  | 940.78  | 952.52     | 1.93    | ppb   |
| Calcium    | 44-1  | 971.76  | 929.57  | 925.12  | 942.15     | 2.73    | ppb   |
| Chromium   | 52-2  | 4.09    | 4.02    | 4.03    | 4.04       | 0.92    | ppb   |
| Cobalt     | 59-2  | 2.05    | 1.93    | 1.97    | 1.98       | 3.33    | ppb   |
| Copper     | 63-2  | 4.33    | 4.12    | 4.22    | 4.22       | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 400.27  | 383.87  | 391.94  | 392.03     | 2.09    | ppb   |
| Iron       | 57-2  | 419.80  | 376.77  | 386.01  | 394.19     | 5.75    | ppb   |
| Lead       | 206-1 | 2.34    | 2.20    | 2.24    | 2.26       | 3.17    | ppb   |
| Lead       | 207-1 | 2.26    | 2.18    | 2.20    | 2.21       | 1.94    | ppb   |
| Lead       | 208-1 | 2.33    | 2.23    | 2.22    | 2.26       | 2.64    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 960.56  | 952.06  | 971.25  | 961.29     | 1.00    | ppb   |
| Manganese  | 55-2  | 1.99    | 1.84    | 2.11    | 1.98       | 6.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:08:18 | DataFile Name :   | 062LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 10.04   | 9.74    | 9.36    | 9.71       | 3.50    | ppb   |
| Molybdenum | 94-1  | 4.35    | 4.24    | 4.23    | 4.28       | 1.52    | ppb   |
| Molybdenum | 95-1  | 9.56    | 9.43    | 9.16    | 9.39       | 2.16    | ppb   |
| Molybdenum | 96-1  | 8.47    | 8.19    | 7.98    | 8.21       | 3.00    | ppb   |
| Molybdenum | 97-1  | 9.85    | 9.35    | 9.29    | 9.49       | 3.24    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.58    | 1.68    | 1.63    | 1.63       | 2.96    | ppb   |
| Phosphorus | 31-2  | 24.12   | 10.39   | -2.46   | 10.68      | 124.41  | ppb   |
| Potassium  | 39-2  | 960.17  | 964.45  | 940.13  | 954.91     | 1.36    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 10.70   | 10.83   | 4.35    | 8.62       | 42.97   | ppb   |
| Selenium   | 78-2  | 12.56   | 6.96    | 8.01    | 9.18       | 32.49   | ppb   |
| Selenium   | 82-1  | 11.55   | 10.41   | 9.56    | 10.51      | 9.53    | ppb   |
| Silicon    | 28-1  | 11.08   | 6.23    | 6.31    | 7.87       | 35.25   | ppb   |
| Silver     | 109-1 | 2.21    | 2.16    | 2.04    | 2.14       | 4.16    | ppb   |
| Silver     | 107-1 | 2.21    | 2.21    | 2.19    | 2.20       | 0.67    | ppb   |
| Sodium     | 23-2  | 991.55  | 972.51  | 997.35  | 987.13     | 1.32    | ppb   |
| Strontium  | 86-1  | 2.09    | 2.02    | 2.12    | 2.07       | 2.45    | ppb   |
| Strontium  | 88-1  | 2.11    | 2.05    | 1.99    | 2.05       | 2.80    | ppb   |
| Sulfur     | 34-1  | 575.03  | -45.55  | -22.99  | 168.83     | 208.47  | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 1.96    | 2.03    | 1.96    | 1.99       | 2.03    | ppb   |
| Thallium   | 205-1 | 2.02    | 2.01    | 1.93    | 1.99       | 2.56    | ppb   |
| Tin        | 118-1 | 10.42   | 10.03   | 9.73    | 10.06      | 3.44    | ppb   |
| Titanium   | 47-1  | 10.01   | 9.76    | 9.35    | 9.71       | 3.45    | ppb   |
| Uranium    | 238-1 | 1.96    | 1.89    | 1.89    | 1.91       | 2.20    | ppb   |
| Vanadium   | 51-2  | 9.74    | 9.49    | 9.88    | 9.71       | 2.03    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 4.00    | 4.05    | 3.88    | 3.98       | 2.19    | ppb   |
| Zirconium  | 90-1  | 1.98    | 1.88    | 1.95    | 1.94       | 2.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:08:18 | DataFile Name :   | 062LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.04    | 1.90    | 1.92    | 1.96       | 3.88    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:11:27 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21.50    | 11.97    | 23.72    | 19.06      | 32.73   | ppb   |
| Antimony   | 121-1 | 0.31     | 0.32     | 0.30     | 0.31       | 3.92    | ppb   |
| Arsenic    | 75-2  | 0.76     | 0.77     | 0.94     | 0.83       | 12.20   | ppb   |
| Barium     | 135-1 | 45.54    | 46.03    | 46.66    | 46.07      | 1.22    | ppb   |
| Barium     | 137-1 | 46.27    | 47.04    | 46.82    | 46.71      | 0.85    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.01     | -0.02    | 0.00       | 2223.31 | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 11-1  | 31.81    | 33.12    | 32.02    | 32.32      | 2.18    | ppb   |
| Boron      | 10-1  | 32.80    | 33.24    | 33.52    | 33.19      | 1.09    | ppb   |
| Cadmium    | 106-1 | -2.05    | -2.35    | -2.01    | -2.13      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | -0.11    | -0.03    | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.10    | -0.14    | -0.11    | -0.12      |         | ppb   |
| Calcium    | 43-1  | 41932.74 | 42578.51 | 42780.28 | 42430.51   | 1.04    | ppb   |
| Calcium    | 44-1  | 42087.19 | 42534.55 | 42733.22 | 42451.66   | 0.78    | ppb   |
| Chromium   | 52-2  | 3.12     | 3.02     | 3.58     | 3.24       | 9.18    | ppb   |
| Cobalt     | 59-2  | 0.08     | 0.07     | 0.09     | 0.08       | 11.89   | ppb   |
| Copper     | 63-2  | 2.89     | 2.78     | 2.77     | 2.82       | 2.41    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 109.97   | 110.37   | 114.92   | 111.75     | 2.46    | ppb   |
| Iron       | 57-2  | 119.50   | 118.59   | 115.82   | 117.97     | 1.63    | ppb   |
| Lead       | 206-1 | 0.13     | 0.16     | 0.15     | 0.15       | 7.61    | ppb   |
| Lead       | 207-1 | 0.16     | 0.15     | 0.12     | 0.14       | 14.40   | ppb   |
| Lead       | 208-1 | 0.16     | 0.16     | 0.13     | 0.15       | 9.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 4755.62  | 4668.92  | 4936.47  | 4787.00    | 2.85    | ppb   |
| Manganese  | 55-2  | 74.31    | 75.71    | 76.92    | 75.65      | 1.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:11:27 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.21     | 0.21     | 0.19     | 0.20       | 5.90    | ppb   |
| Molybdenum | 94-1  | 0.10     | 0.09     | 0.10     | 0.10       | 10.34   | ppb   |
| Molybdenum | 95-1  | 0.22     | 0.21     | 0.19     | 0.21       | 7.69    | ppb   |
| Molybdenum | 96-1  | 0.19     | 0.16     | 0.17     | 0.17       | 11.62   | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.19     | 0.21     | 0.21       | 9.92    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.05     | 0.14     | 0.17     | 0.12       | 50.28   | ppb   |
| Phosphorus | 31-2  | 94.75    | 194.74   | 113.69   | 134.39     | 39.52   | ppb   |
| Potassium  | 39-2  | 2488.30  | 2525.75  | 2574.56  | 2529.54    | 1.71    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | -2.16    | 0.89     | 4.10     | 0.94       | 331.95  | ppb   |
| Selenium   | 78-2  | 0.58     | 0.60     | 0.14     | 0.44       | 60.01   | ppb   |
| Selenium   | 82-1  | 0.52     | 0.25     | 0.09     | 0.29       | 74.90   | ppb   |
| Silicon    | 28-1  | 2478.80  | 2529.83  | 2527.70  | 2512.11    | 1.15    | ppb   |
| Silver     | 109-1 | 0.35     | 0.34     | 0.31     | 0.34       | 6.26    | ppb   |
| Silver     | 107-1 | 0.37     | 0.35     | 0.36     | 0.36       | 3.39    | ppb   |
| Sodium     | 23-2  | 84617.71 | 83772.04 | 87585.55 | 85325.10   | 2.35    | ppb   |
| Strontium  | 86-1  | 298.00   | 299.98   | 299.61   | 299.20     | 0.35    | ppb   |
| Strontium  | 88-1  | 302.99   | 301.88   | 301.09   | 301.98     | 0.32    | ppb   |
| Sulfur     | 34-1  | 5105.89  | 5468.15  | 5497.68  | 5357.24    | 4.07    | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.06     | 0.04     | 0.05       | 22.39   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.04     | 0.04       | 4.03    | ppb   |
| Tin        | 118-1 | 0.04     | 0.06     | 0.06     | 0.06       | 18.94   | ppb   |
| Titanium   | 47-1  | 0.29     | 0.26     | 0.28     | 0.28       | 5.80    | ppb   |
| Uranium    | 238-1 | 0.23     | 0.24     | 0.23     | 0.23       | 3.64    | ppb   |
| Vanadium   | 51-2  | 0.12     | 0.14     | 0.14     | 0.14       | 6.89    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 6.37     | 7.36     | 6.46     | 6.73       | 8.15    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.05     | 0.05     | 0.05       | 4.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:11:27 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.03    | 0.00    | 0.03       | 109.77  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:14:34 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13.81    | 13.22    | 3.16     | 10.06      | 59.48   | ppb   |
| Antimony   | 121-1 | 0.31     | 0.28     | 0.27     | 0.29       | 8.17    | ppb   |
| Arsenic    | 75-2  | 0.73     | 0.75     | 1.06     | 0.85       | 21.99   | ppb   |
| Barium     | 135-1 | 38.88    | 38.67    | 38.06    | 38.54      | 1.10    | ppb   |
| Barium     | 137-1 | 38.57    | 39.38    | 39.05    | 39.00      | 1.05    | ppb   |
| Beryllium  | 9-1   | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 111        |         | %     |
| Boron      | 11-1  | 24.23    | 25.33    | 24.84    | 24.80      | 2.22    | ppb   |
| Boron      | 10-1  | 23.88    | 24.89    | 25.82    | 24.86      | 3.90    | ppb   |
| Cadmium    | 106-1 | -1.83    | -2.58    | -2.15    | -2.18      |         | ppb   |
| Cadmium    | 108-1 | -0.03    | -0.03    | -0.08    | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.11    | -0.18    | -0.13    | -0.14      |         | ppb   |
| Calcium    | 43-1  | 41157.88 | 40554.89 | 40633.41 | 40782.06   | 0.80    | ppb   |
| Calcium    | 44-1  | 41118.17 | 40667.22 | 41091.66 | 40959.02   | 0.62    | ppb   |
| Chromium   | 52-2  | 3.15     | 3.23     | 3.22     | 3.20       | 1.28    | ppb   |
| Cobalt     | 59-2  | 0.09     | 0.05     | 0.08     | 0.07       | 27.25   | ppb   |
| Copper     | 63-2  | 1.77     | 1.88     | 1.83     | 1.82       | 2.83    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 62.88    | 64.17    | 61.15    | 62.73      | 2.41    | ppb   |
| Iron       | 57-2  | 62.84    | 66.83    | 59.51    | 63.06      | 5.82    | ppb   |
| Lead       | 206-1 | 0.06     | 0.06     | 0.08     | 0.07       | 21.29   | ppb   |
| Lead       | 207-1 | 0.06     | 0.09     | 0.10     | 0.08       | 26.81   | ppb   |
| Lead       | 208-1 | 0.07     | 0.08     | 0.09     | 0.08       | 15.17   | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 4440.57  | 4456.23  | 4367.89  | 4421.57    | 1.07    | ppb   |
| Manganese  | 55-2  | 39.35    | 41.88    | 40.05    | 40.43      | 3.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:14:34 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.22     | 0.21     | 0.18     | 0.20       | 9.35    | ppb   |
| Molybdenum | 94-1  | 0.08     | 0.09     | 0.09     | 0.09       | 5.63    | ppb   |
| Molybdenum | 95-1  | 0.21     | 0.22     | 0.18     | 0.20       | 10.92   | ppb   |
| Molybdenum | 96-1  | 0.17     | 0.21     | 0.20     | 0.19       | 11.18   | ppb   |
| Molybdenum | 97-1  | 0.26     | 0.20     | 0.23     | 0.23       | 13.36   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.04     | 0.06     | 0.06     | 0.05       | 23.52   | ppb   |
| Phosphorus | 31-2  | 83.84    | 85.81    | -15.49   | 51.39      | 112.72  | ppb   |
| Potassium  | 39-2  | 2218.41  | 2277.98  | 2226.55  | 2240.98    | 1.44    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | -2.16    | -2.16      |         | ppb   |
| Selenium   | 78-2  | 2.07     | 1.10     | 0.63     | 1.27       | 57.75   | ppb   |
| Selenium   | 82-1  | -0.55    | 0.41     | 0.33     | 0.06       | 828.48  | ppb   |
| Silicon    | 28-1  | 2795.47  | 2774.99  | 2728.43  | 2766.30    | 1.24    | ppb   |
| Silver     | 109-1 | 0.21     | 0.22     | 0.24     | 0.23       | 5.71    | ppb   |
| Silver     | 107-1 | 0.23     | 0.22     | 0.22     | 0.23       | 2.75    | ppb   |
| Sodium     | 23-2  | 85473.02 | 85681.60 | 83730.26 | 84961.63   | 1.26    | ppb   |
| Strontium  | 86-1  | 263.04   | 264.20   | 266.79   | 264.68     | 0.73    | ppb   |
| Strontium  | 88-1  | 266.71   | 267.61   | 268.85   | 267.72     | 0.40    | ppb   |
| Sulfur     | 34-1  | 4967.27  | 4881.84  | 4653.13  | 4834.08    | 3.36    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.00     | 0.01       | 47.01   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 15.84   | ppb   |
| Tin        | 118-1 | 0.04     | 0.04     | 0.07     | 0.05       | 35.13   | ppb   |
| Titanium   | 47-1  | 0.31     | 0.30     | 0.21     | 0.27       | 21.30   | ppb   |
| Uranium    | 238-1 | 0.22     | 0.23     | 0.24     | 0.23       | 2.90    | ppb   |
| Vanadium   | 51-2  | 0.18     | 0.10     | 0.15     | 0.14       | 27.00   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 2.59     | 1.75     | 1.61     | 1.99       | 26.70   | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.05     | 0.05     | 0.05       | 4.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:14:34 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.06    | 0.04       | 32.43   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4843-03 Instrumnet Name : P8  
 Client Sample ID : MC0AY2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 18:17:41 DataFile Name : 065SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8.66     | 4.20     | 13.37    | 8.74       | 52.47   | ppb   |
| Antimony   | 121-1 | 0.24     | 0.26     | 0.26     | 0.25       | 4.58    | ppb   |
| Arsenic    | 75-2  | 1.30     | 1.37     | 1.12     | 1.26       | 10.52   | ppb   |
| Barium     | 135-1 | 23.92    | 24.29    | 24.79    | 24.34      | 1.79    | ppb   |
| Barium     | 137-1 | 24.30    | 24.02    | 24.17    | 24.16      | 0.58    | ppb   |
| Beryllium  | 9-1   | 0.00     | -0.01    | -0.02    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 11-1  | 19.82    | 20.02    | 19.99    | 19.94      | 0.54    | ppb   |
| Boron      | 10-1  | 20.94    | 18.77    | 20.87    | 20.19      | 6.12    | ppb   |
| Cadmium    | 106-1 | -2.69    | -2.46    | -3.32    | -2.82      |         | ppb   |
| Cadmium    | 108-1 | 0.02     | -0.03    | 0.00     | 0.00       |         | ppb   |
| Cadmium    | 111-1 | -0.18    | -0.17    | -0.23    | -0.19      |         | ppb   |
| Calcium    | 43-1  | 31466.61 | 31660.80 | 31470.77 | 31532.73   | 0.35    | ppb   |
| Calcium    | 44-1  | 31523.66 | 31829.11 | 31459.54 | 31604.10   | 0.62    | ppb   |
| Chromium   | 52-2  | 7.66     | 8.12     | 7.61     | 7.80       | 3.63    | ppb   |
| Cobalt     | 59-2  | 0.08     | 0.07     | 0.04     | 0.06       | 32.37   | ppb   |
| Copper     | 63-2  | 1.84     | 1.95     | 1.84     | 1.88       | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 37.11    | 35.47    | 33.87    | 35.48      | 4.56    | ppb   |
| Iron       | 57-2  | 42.89    | 36.60    | 33.14    | 37.55      | 13.17   | ppb   |
| Lead       | 206-1 | 0.05     | 0.05     | 0.04     | 0.04       | 5.80    | ppb   |
| Lead       | 207-1 | 0.02     | 0.03     | 0.04     | 0.03       | 34.25   | ppb   |
| Lead       | 208-1 | 0.04     | 0.05     | 0.05     | 0.05       | 12.67   | ppb   |
| Lithium    | 6-1   |          |          |          | 110        |         | %     |
| Magnesium  | 24-2  | 3539.84  | 3564.28  | 3571.57  | 3558.56    | 0.47    | ppb   |
| Manganese  | 55-2  | 15.61    | 15.74    | 16.47    | 15.94      | 2.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:17:41 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.20     | 0.20     | 0.23     | 0.21       | 6.21    | ppb   |
| Molybdenum | 94-1  | 0.12     | 0.11     | 0.11     | 0.11       | 5.36    | ppb   |
| Molybdenum | 95-1  | 0.19     | 0.23     | 0.22     | 0.21       | 9.35    | ppb   |
| Molybdenum | 96-1  | 0.19     | 0.21     | 0.18     | 0.19       | 7.18    | ppb   |
| Molybdenum | 97-1  | 0.27     | 0.29     | 0.25     | 0.27       | 7.14    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.23     | 0.23     | 0.35     | 0.27       | 25.88   | ppb   |
| Phosphorus | 31-2  | 72.99    | 35.57    | 48.43    | 52.33      | 36.33   | ppb   |
| Potassium  | 39-2  | 2212.87  | 2300.71  | 2261.91  | 2258.50    | 1.95    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | -2.16    | 0.94     | -2.16    | -1.13      |         | ppb   |
| Selenium   | 78-2  | 0.13     | 0.13     | -0.87    | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.50     | -0.13    | 0.54     | 0.30       | 123.10  | ppb   |
| Silicon    | 28-1  | 2106.97  | 2096.48  | 2093.09  | 2098.85    | 0.34    | ppb   |
| Silver     | 109-1 | 0.17     | 0.17     | 0.18     | 0.17       | 4.62    | ppb   |
| Silver     | 107-1 | 0.17     | 0.18     | 0.18     | 0.17       | 1.99    | ppb   |
| Sodium     | 23-2  | 39843.05 | 40214.80 | 40225.39 | 40094.41   | 0.54    | ppb   |
| Strontium  | 86-1  | 162.89   | 162.71   | 162.95   | 162.85     | 0.08    | ppb   |
| Strontium  | 88-1  | 167.59   | 164.66   | 165.72   | 165.99     | 0.89    | ppb   |
| Sulfur     | 34-1  | 3416.36  | 3328.69  | 3596.21  | 3447.09    | 3.96    | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.00     | 0.00       | 114.33  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.01       | 46.51   | ppb   |
| Tin        | 118-1 | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.18     | 0.08     | 0.20     | 0.15       | 43.62   | ppb   |
| Uranium    | 238-1 | 0.16     | 0.16     | 0.17     | 0.16       | 3.90    | ppb   |
| Vanadium   | 51-2  | 0.21     | 0.08     | 0.11     | 0.13       | 52.70   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 2.63     | 2.63     | 2.63     | 2.63       | 0.10    | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.06     | 0.05     | 0.06       | 5.57    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:17:41 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.07    | 0.06       | 11.86   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:20:48 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.02     | 9.57     | 2.34     | 5.31       | 71.24   | ppb   |
| Antimony   | 121-1 | 0.22     | 0.21     | 0.25     | 0.23       | 9.17    | ppb   |
| Arsenic    | 75-2  | 1.12     | 1.29     | 1.25     | 1.22       | 7.24    | ppb   |
| Barium     | 135-1 | 23.26    | 23.20    | 23.77    | 23.41      | 1.33    | ppb   |
| Barium     | 137-1 | 23.96    | 23.74    | 24.30    | 24.00      | 1.17    | ppb   |
| Beryllium  | 9-1   | -0.03    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 111        |         | %     |
| Boron      | 11-1  | 19.44    | 20.05    | 20.53    | 20.00      | 2.71    | ppb   |
| Boron      | 10-1  | 20.75    | 19.06    | 19.25    | 19.69      | 4.71    | ppb   |
| Cadmium    | 106-1 | -1.81    | -2.87    | -2.12    | -2.26      |         | ppb   |
| Cadmium    | 108-1 | -0.08    | 0.02     | -0.08    | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.12    | -0.19    | -0.14    | -0.15      |         | ppb   |
| Calcium    | 43-1  | 32801.18 | 32207.51 | 32385.61 | 32464.77   | 0.94    | ppb   |
| Calcium    | 44-1  | 32817.55 | 32164.59 | 32281.61 | 32421.25   | 1.07    | ppb   |
| Chromium   | 52-2  | 4.00     | 4.30     | 4.10     | 4.14       | 3.70    | ppb   |
| Cobalt     | 59-2  | 0.09     | 0.09     | 0.08     | 0.08       | 5.36    | ppb   |
| Copper     | 63-2  | 1.87     | 1.89     | 1.90     | 1.89       | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 36.01    | 40.09    | 36.60    | 37.57      | 5.86    | ppb   |
| Iron       | 57-2  | 40.49    | 43.97    | 37.18    | 40.55      | 8.37    | ppb   |
| Lead       | 206-1 | 0.26     | 0.21     | 0.23     | 0.23       | 11.21   | ppb   |
| Lead       | 207-1 | 0.24     | 0.20     | 0.19     | 0.21       | 12.61   | ppb   |
| Lead       | 208-1 | 0.24     | 0.21     | 0.22     | 0.23       | 5.30    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 3578.10  | 3611.18  | 3658.93  | 3616.07    | 1.12    | ppb   |
| Manganese  | 55-2  | 15.48    | 17.17    | 16.31    | 16.32      | 5.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:20:48 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.22     | 0.21     | 0.22     | 0.22       | 3.14    | ppb   |
| Molybdenum | 94-1  | 0.12     | 0.10     | 0.12     | 0.11       | 11.20   | ppb   |
| Molybdenum | 95-1  | 0.23     | 0.22     | 0.22     | 0.22       | 2.03    | ppb   |
| Molybdenum | 96-1  | 0.23     | 0.20     | 0.24     | 0.22       | 8.78    | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.28     | 0.28     | 0.26       | 10.91   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.15     | 0.16     | 0.25     | 0.19       | 31.58   | ppb   |
| Phosphorus | 31-2  | 9.34     | 72.99    | 73.37    | 51.90      | 71.02   | ppb   |
| Potassium  | 39-2  | 2271.63  | 2296.63  | 2321.85  | 2296.70    | 1.09    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 0.90     | -2.16    | 0.93     | -0.11      |         | ppb   |
| Selenium   | 78-2  | -0.38    | -0.37    | 0.12     | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.31     | 0.35     | 0.24     | 0.30       | 18.17   | ppb   |
| Silicon    | 28-1  | 2282.67  | 2265.53  | 2255.40  | 2267.87    | 0.61    | ppb   |
| Silver     | 109-1 | 0.14     | 0.15     | 0.13     | 0.14       | 7.72    | ppb   |
| Silver     | 107-1 | 0.15     | 0.14     | 0.13     | 0.14       | 6.17    | ppb   |
| Sodium     | 23-2  | 41409.23 | 41576.78 | 41766.91 | 41584.31   | 0.43    | ppb   |
| Strontium  | 86-1  | 166.01   | 166.34   | 165.94   | 166.10     | 0.13    | ppb   |
| Strontium  | 88-1  | 168.77   | 169.65   | 169.67   | 169.36     | 0.30    | ppb   |
| Sulfur     | 34-1  | 3308.18  | 3251.32  | 3221.71  | 3260.40    | 1.35    | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.01     | 0.00       | 141.24  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.01       | 94.80   | ppb   |
| Tin        | 118-1 | -0.01    | -0.02    | 0.00     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.07     | 0.10     | 0.23     | 0.13       | 63.25   | ppb   |
| Uranium    | 238-1 | 0.20     | 0.18     | 0.18     | 0.19       | 6.25    | ppb   |
| Vanadium   | 51-2  | 0.19     | 0.17     | 0.17     | 0.18       | 5.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 1.59     | 1.83     | 1.27     | 1.56       | 18.07   | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.07     | 0.06     | 0.06       | 10.46   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:20:48 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.07    | 0.04    | 0.04       | 71.22   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:23:56 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.18     | 9.41     | 4.03     | 5.54       | 61.03   | ppb   |
| Antimony   | 121-1 | 0.25     | 0.26     | 0.24     | 0.25       | 3.96    | ppb   |
| Arsenic    | 75-2  | 1.26     | 1.21     | 1.14     | 1.20       | 5.08    | ppb   |
| Barium     | 135-1 | 24.24    | 23.98    | 23.80    | 24.01      | 0.92    | ppb   |
| Barium     | 137-1 | 23.13    | 23.61    | 23.73    | 23.49      | 1.36    | ppb   |
| Beryllium  | 9-1   | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 11-1  | 18.73    | 20.45    | 20.13    | 19.77      | 4.62    | ppb   |
| Boron      | 10-1  | 19.52    | 20.08    | 20.00    | 19.87      | 1.51    | ppb   |
| Cadmium    | 106-1 | -1.95    | -2.80    | -2.04    | -2.27      |         | ppb   |
| Cadmium    | 108-1 | -0.06    | -0.11    | -0.03    | -0.06      |         | ppb   |
| Cadmium    | 111-1 | -0.12    | -0.18    | -0.13    | -0.14      |         | ppb   |
| Calcium    | 43-1  | 32001.50 | 32091.04 | 32188.19 | 32093.58   | 0.29    | ppb   |
| Calcium    | 44-1  | 32315.45 | 32486.03 | 32224.39 | 32341.96   | 0.41    | ppb   |
| Chromium   | 52-2  | 4.15     | 4.03     | 4.18     | 4.12       | 1.87    | ppb   |
| Cobalt     | 59-2  | 0.07     | 0.09     | 0.08     | 0.08       | 10.54   | ppb   |
| Copper     | 63-2  | 1.91     | 1.73     | 1.75     | 1.79       | 5.60    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 36.90    | 36.93    | 37.93    | 37.25      | 1.57    | ppb   |
| Iron       | 57-2  | 42.73    | 37.51    | 30.80    | 37.01      | 16.15   | ppb   |
| Lead       | 206-1 | 0.22     | 0.22     | 0.26     | 0.24       | 10.41   | ppb   |
| Lead       | 207-1 | 0.21     | 0.21     | 0.22     | 0.22       | 3.02    | ppb   |
| Lead       | 208-1 | 0.23     | 0.23     | 0.24     | 0.23       | 2.64    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 3556.11  | 3520.38  | 3536.02  | 3537.50    | 0.51    | ppb   |
| Manganese  | 55-2  | 16.84    | 16.48    | 17.14    | 16.82      | 1.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:23:56 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.23     | 0.26     | 0.22     | 0.24       | 10.06   | ppb   |
| Molybdenum | 94-1  | 0.10     | 0.13     | 0.09     | 0.10       | 19.65   | ppb   |
| Molybdenum | 95-1  | 0.26     | 0.25     | 0.23     | 0.24       | 5.57    | ppb   |
| Molybdenum | 96-1  | 0.22     | 0.17     | 0.23     | 0.20       | 15.61   | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.29     | 0.23     | 0.25       | 13.01   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.19     | 0.12     | 0.18     | 0.16       | 23.26   | ppb   |
| Phosphorus | 31-2  | 122.24   | 21.90    | 34.21    | 59.45      | 92.05   | ppb   |
| Potassium  | 39-2  | 2276.88  | 2255.34  | 2278.81  | 2270.34    | 0.57    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | 0.91     | -2.16    | -2.16    | -1.14      |         | ppb   |
| Selenium   | 78-2  | 0.12     | 0.13     | -0.87    | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.12     | 0.42     | -0.06    | 0.16       | 149.29  | ppb   |
| Silicon    | 28-1  | 2229.20  | 2283.68  | 2247.91  | 2253.59    | 1.23    | ppb   |
| Silver     | 109-1 | 0.12     | 0.14     | 0.12     | 0.13       | 8.94    | ppb   |
| Silver     | 107-1 | 0.12     | 0.12     | 0.13     | 0.13       | 3.87    | ppb   |
| Sodium     | 23-2  | 41224.80 | 40425.60 | 40202.37 | 40617.59   | 1.32    | ppb   |
| Strontium  | 86-1  | 163.96   | 165.91   | 164.30   | 164.72     | 0.63    | ppb   |
| Strontium  | 88-1  | 168.96   | 168.93   | 166.45   | 168.11     | 0.86    | ppb   |
| Sulfur     | 34-1  | 2924.43  | 3080.25  | 3286.37  | 3097.01    | 5.86    | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.01     | 0.00       | 196.10  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 65.21   | ppb   |
| Tin        | 118-1 | -0.02    | -0.04    | 0.00     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 2.02     | 0.96     | 0.19     | 1.06       | 86.45   | ppb   |
| Uranium    | 238-1 | 0.17     | 0.18     | 0.17     | 0.17       | 3.12    | ppb   |
| Vanadium   | 51-2  | 0.16     | 0.13     | 0.14     | 0.14       | 8.90    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 2.88     | 2.78     | 2.77     | 2.81       | 2.05    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.05     | 0.05     | 0.05       | 2.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:23:56 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.03    | 0.04       | 29.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 18:27:04 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.42    | 2.45    | -0.31   | 1.85       | 104.58  | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.04    | 0.04       | 12.44   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.25    | 0.28    | 0.24       | 15.13   | ppb   |
| Barium     | 135-1 | 4.74    | 4.56    | 4.58    | 4.63       | 2.13    | ppb   |
| Barium     | 137-1 | 4.47    | 4.55    | 4.79    | 4.60       | 3.68    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.04    | -0.01   | 0.01       | 399.47  | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 11-1  | 5.85    | 6.19    | 5.64    | 5.89       | 4.76    | ppb   |
| Boron      | 10-1  | 5.79    | 7.48    | 6.40    | 6.56       | 13.04   | ppb   |
| Cadmium    | 106-1 | -3.26   | -1.57   | -2.08   | -2.30      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.08   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 111-1 | -0.22   | -0.10   | -0.14   | -0.15      |         | ppb   |
| Calcium    | 43-1  | 6318.93 | 6244.88 | 6355.63 | 6306.48    | 0.89    | ppb   |
| Calcium    | 44-1  | 6422.38 | 6445.23 | 6410.29 | 6425.97    | 0.28    | ppb   |
| Chromium   | 52-2  | 0.93    | 0.81    | 0.88    | 0.87       | 7.09    | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.02    | 0.01       | 69.55   | ppb   |
| Copper     | 63-2  | 0.44    | 0.41    | 0.47    | 0.44       | 6.34    | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 7.14    | 7.15    | 8.40    | 7.56       | 9.61    | ppb   |
| Iron       | 57-2  | 7.14    | 7.35    | 10.05   | 8.18       | 19.83   | ppb   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.05    | 0.03       | 48.90   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.02    | 0.02       | 31.40   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 12.68   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 681.07  | 706.82  | 711.78  | 699.89     | 2.36    | ppb   |
| Manganese  | 55-2  | 3.22    | 2.78    | 3.34    | 3.11       | 9.44    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 18:27:04 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.05    | 0.05    | 0.05    | 0.05       | 5.08    | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.02    | 0.02       | 21.02   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.04    | 0.05    | 0.04       | 14.33   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.04    | 0.04    | 0.04       | 4.43    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.06    | 0.10    | 0.07       | 44.20   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.24   | -0.17   | -0.26   | -0.22      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | -15.49  | 37.38   | 2.13       | 1430.77 | ppb   |
| Potassium  | 39-2  | 466.26  | 438.18  | 457.96  | 454.13     | 3.18    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.16    | 0.16    | 1.18    | 0.50       | 117.00  | ppb   |
| Selenium   | 82-1  | 0.36    | -0.16   | 0.09    | 0.10       | 268.27  | ppb   |
| Silicon    | 28-1  | 436.93  | 430.78  | 426.70  | 431.47     | 1.19    | ppb   |
| Silver     | 109-1 | 0.05    | 0.06    | 0.04    | 0.05       | 12.40   | ppb   |
| Silver     | 107-1 | 0.06    | 0.05    | 0.05    | 0.05       | 7.68    | ppb   |
| Sodium     | 23-2  | 7839.80 | 7783.25 | 7909.48 | 7844.18    | 0.81    | ppb   |
| Strontium  | 86-1  | 32.32   | 32.77   | 32.16   | 32.42      | 0.98    | ppb   |
| Strontium  | 88-1  | 32.41   | 32.46   | 32.51   | 32.46      | 0.15    | ppb   |
| Sulfur     | 34-1  | 336.20  | 318.17  | 484.69  | 379.69     | 24.07   | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 46.07   | ppb   |
| Tin        | 118-1 | -0.13   | -0.14   | -0.13   | -0.13      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.01    | 0.00    | 0.02       | 107.38  | ppb   |
| Uranium    | 238-1 | 0.03    | 0.03    | 0.03    | 0.03       | 0.48    | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.06    | 0.02    | 0.03       | 64.58   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.61    | 0.70    | 0.58    | 0.63       | 10.01   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 29.30   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 18:27:04 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | -0.01   | 0.00       | 376.67  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:30:10 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2122.28  | 2002.55  | 1969.97  | 2031.60    | 3.95    | ppb   |
| Antimony   | 121-1 | 111.92   | 112.34   | 112.47   | 112.24     | 0.25    | ppb   |
| Arsenic    | 75-2  | 44.61    | 43.84    | 45.27    | 44.57      | 1.61    | ppb   |
| Barium     | 135-1 | 2247.71  | 2254.36  | 2251.85  | 2251.31    | 0.15    | ppb   |
| Barium     | 137-1 | 2252.86  | 2248.42  | 2252.49  | 2251.26    | 0.11    | ppb   |
| Beryllium  | 9-1   | 53.25    | 53.38    | 52.96    | 53.20      | 0.41    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 11-1  | 18.51    | 18.52    | 19.92    | 18.98      | 4.29    | ppb   |
| Boron      | 10-1  | 18.12    | 21.21    | 18.78    | 19.37      | 8.39    | ppb   |
| Cadmium    | 106-1 | 48.07    | 46.96    | 51.46    | 48.83      | 4.80    | ppb   |
| Cadmium    | 108-1 | 51.90    | 51.40    | 51.01    | 51.44      | 0.87    | ppb   |
| Cadmium    | 111-1 | 54.61    | 55.75    | 56.14    | 55.50      | 1.43    | ppb   |
| Calcium    | 43-1  | 31856.92 | 32516.20 | 32017.33 | 32130.15   | 1.07    | ppb   |
| Calcium    | 44-1  | 31695.64 | 32425.79 | 32022.79 | 32048.07   | 1.14    | ppb   |
| Chromium   | 52-2  | 229.21   | 228.46   | 228.73   | 228.80     | 0.17    | ppb   |
| Cobalt     | 59-2  | 580.72   | 579.61   | 565.36   | 575.23     | 1.49    | ppb   |
| Copper     | 63-2  | 287.85   | 286.88   | 287.13   | 287.28     | 0.18    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 1177.31  | 1177.69  | 1180.82  | 1178.61    | 0.16    | ppb   |
| Iron       | 57-2  | 1173.65  | 1179.92  | 1181.29  | 1178.29    | 0.35    | ppb   |
| Lead       | 206-1 | 21.59    | 22.00    | 22.46    | 22.02      | 1.98    | ppb   |
| Lead       | 207-1 | 21.24    | 21.15    | 20.94    | 21.11      | 0.73    | ppb   |
| Lead       | 208-1 | 21.40    | 21.55    | 21.76    | 21.57      | 0.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 3586.34  | 3588.79  | 3544.92  | 3573.35    | 0.69    | ppb   |
| Manganese  | 55-2  | 574.96   | 574.33   | 574.42   | 574.57     | 0.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:30:10 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.28     | 0.29     | 0.28     | 0.28       | 2.12    | ppb   |
| Molybdenum | 94-1  | 0.13     | 0.14     | 0.13     | 0.13       | 5.13    | ppb   |
| Molybdenum | 95-1  | 0.26     | 0.25     | 0.27     | 0.26       | 3.76    | ppb   |
| Molybdenum | 96-1  | 0.28     | 0.26     | 0.25     | 0.26       | 6.50    | ppb   |
| Molybdenum | 97-1  | 0.32     | 0.29     | 0.27     | 0.29       | 9.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 576.89   | 571.80   | 570.17   | 572.95     | 0.61    | ppb   |
| Phosphorus | 31-2  | 23.14    | 36.05    | 23.40    | 27.53      | 26.80   | ppb   |
| Potassium  | 39-2  | 2187.06  | 2262.04  | 2277.53  | 2242.21    | 2.16    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 131.89   | 98.86    | 125.41   | 118.72     | 14.74   | ppb   |
| Selenium   | 78-2  | 106.81   | 115.27   | 116.98   | 113.02     | 4.82    | ppb   |
| Selenium   | 82-1  | 111.37   | 115.33   | 113.69   | 113.46     | 1.75    | ppb   |
| Silicon    | 28-1  | 2252.21  | 2315.23  | 2282.27  | 2283.24    | 1.38    | ppb   |
| Silver     | 109-1 | 51.48    | 51.58    | 51.58    | 51.55      | 0.11    | ppb   |
| Silver     | 107-1 | 51.39    | 52.00    | 52.01    | 51.80      | 0.68    | ppb   |
| Sodium     | 23-2  | 40878.10 | 40764.04 | 41178.57 | 40940.24   | 0.52    | ppb   |
| Strontium  | 86-1  | 161.13   | 162.05   | 163.54   | 162.24     | 0.75    | ppb   |
| Strontium  | 88-1  | 165.30   | 167.79   | 167.35   | 166.81     | 0.80    | ppb   |
| Sulfur     | 34-1  | 3096.95  | 3331.45  | 2901.05  | 3109.82    | 6.93    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 53.72    | 53.76    | 54.69    | 54.06      | 1.02    | ppb   |
| Thallium   | 205-1 | 54.46    | 54.27    | 55.42    | 54.72      | 1.13    | ppb   |
| Tin        | 118-1 | 0.10     | 0.14     | 0.16     | 0.13       | 23.49   | ppb   |
| Titanium   | 47-1  | 0.22     | 0.36     | 0.25     | 0.28       | 25.79   | ppb   |
| Uranium    | 238-1 | 0.19     | 0.18     | 0.18     | 0.18       | 3.18    | ppb   |
| Vanadium   | 51-2  | 553.87   | 548.95   | 554.07   | 552.29     | 0.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 573.37   | 571.20   | 577.34   | 573.97     | 0.54    | ppb   |
| Zirconium  | 90-1  | 0.07     | 0.08     | 0.07     | 0.07       | 7.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:30:10 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.10    | 0.07    | 0.08       | 27.85   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:33:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10.74    | 14.44    | 15.02    | 13.40      | 17.34   | ppb   |
| Antimony   | 121-1 | 0.29     | 0.26     | 0.26     | 0.27       | 7.63    | ppb   |
| Arsenic    | 75-2  | 1.19     | 1.15     | 1.45     | 1.27       | 12.86   | ppb   |
| Barium     | 135-1 | 22.52    | 22.65    | 23.01    | 22.73      | 1.14    | ppb   |
| Barium     | 137-1 | 22.82    | 22.80    | 22.96    | 22.86      | 0.37    | ppb   |
| Beryllium  | 9-1   | -0.02    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 11-1  | 18.55    | 18.69    | 18.53    | 18.59      | 0.47    | ppb   |
| Boron      | 10-1  | 17.19    | 19.43    | 19.94    | 18.85      | 7.78    | ppb   |
| Cadmium    | 106-1 | -2.17    | -2.62    | -1.83    | -2.21      |         | ppb   |
| Cadmium    | 108-1 | -0.03    | -0.03    | 0.05     | 0.00       |         | ppb   |
| Cadmium    | 111-1 | -0.15    | -0.17    | -0.11    | -0.14      |         | ppb   |
| Calcium    | 43-1  | 31371.88 | 31419.08 | 32030.38 | 31607.11   | 1.16    | ppb   |
| Calcium    | 44-1  | 31705.63 | 31398.28 | 32102.44 | 31735.45   | 1.11    | ppb   |
| Chromium   | 52-2  | 4.79     | 4.45     | 4.33     | 4.52       | 5.23    | ppb   |
| Cobalt     | 59-2  | 0.09     | 0.09     | 0.05     | 0.08       | 34.58   | ppb   |
| Copper     | 63-2  | 1.89     | 1.92     | 1.78     | 1.86       | 4.18    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 47.02    | 44.79    | 44.15    | 45.32      | 3.32    | ppb   |
| Iron       | 57-2  | 37.02    | 38.68    | 39.45    | 38.38      | 3.23    | ppb   |
| Lead       | 206-1 | 0.04     | 0.04     | 0.04     | 0.04       | 11.28   | ppb   |
| Lead       | 207-1 | 0.03     | 0.03     | 0.03     | 0.03       | 9.25    | ppb   |
| Lead       | 208-1 | 0.04     | 0.03     | 0.04     | 0.04       | 12.18   | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 3552.64  | 3560.50  | 3498.85  | 3537.33    | 0.95    | ppb   |
| Manganese  | 55-2  | 26.07    | 25.48    | 25.31    | 25.62      | 1.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:33:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.26     | 0.25     | 0.25     | 0.25       | 2.59    | ppb   |
| Molybdenum | 94-1  | 0.11     | 0.11     | 0.12     | 0.11       | 4.70    | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.21     | 0.22     | 0.20       | 11.26   | ppb   |
| Molybdenum | 96-1  | 0.20     | 0.21     | 0.20     | 0.20       | 2.62    | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.27     | 0.30     | 0.27       | 14.19   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.18     | 0.10     | 0.12     | 0.13       | 31.33   | ppb   |
| Phosphorus | 31-2  | 49.01    | 49.04    | 111.00   | 69.68      | 51.35   | ppb   |
| Potassium  | 39-2  | 2286.99  | 2255.57  | 2294.13  | 2278.90    | 0.90    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.97     | 1.00     | -2.16    | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.37    | -0.36    | -0.37    | -0.37      |         | ppb   |
| Selenium   | 82-1  | 0.30     | -0.14    | -0.50    | -0.11      |         | ppb   |
| Silicon    | 28-1  | 2169.78  | 2139.98  | 2182.39  | 2164.05    | 1.01    | ppb   |
| Silver     | 109-1 | 0.12     | 0.12     | 0.12     | 0.12       | 3.97    | ppb   |
| Silver     | 107-1 | 0.13     | 0.12     | 0.10     | 0.11       | 13.40   | ppb   |
| Sodium     | 23-2  | 40839.03 | 40747.25 | 40118.42 | 40568.23   | 0.97    | ppb   |
| Strontium  | 86-1  | 161.27   | 162.14   | 163.27   | 162.23     | 0.62    | ppb   |
| Strontium  | 88-1  | 165.12   | 165.26   | 167.37   | 165.92     | 0.76    | ppb   |
| Sulfur     | 34-1  | 2296.94  | 2511.57  | 2619.26  | 2475.92    | 6.63    | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 74.10   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.00     | 0.01       | 81.33   | ppb   |
| Tin        | 118-1 | 0.01     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.07     | 0.18     | 0.15     | 0.13       | 44.66   | ppb   |
| Uranium    | 238-1 | 0.18     | 0.18     | 0.17     | 0.18       | 4.67    | ppb   |
| Vanadium   | 51-2  | 0.13     | 0.15     | 0.16     | 0.15       | 13.94   | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 2.81     | 3.11     | 2.60     | 2.84       | 8.99    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.05     | 0.05     | 0.04       | 15.53   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:33:16 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.03    | 0.04       | 24.96   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:36:24 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 55.23    | 38.37    | 58.06    | 50.55      | 21.06   | ppb   |
| Antimony   | 121-1 | 0.23     | 0.27     | 0.26     | 0.25       | 7.38    | ppb   |
| Arsenic    | 75-2  | 1.41     | 1.16     | 1.25     | 1.27       | 10.15   | ppb   |
| Barium     | 135-1 | 24.46    | 24.33    | 24.16    | 24.32      | 0.62    | ppb   |
| Barium     | 137-1 | 24.55    | 24.20    | 24.61    | 24.45      | 0.90    | ppb   |
| Beryllium  | 9-1   | 0.02     | -0.02    | 0.01     | 0.00       | 446.37  | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 11-1  | 19.24    | 19.42    | 18.93    | 19.20      | 1.29    | ppb   |
| Boron      | 10-1  | 17.73    | 17.80    | 18.77    | 18.10      | 3.19    | ppb   |
| Cadmium    | 106-1 | -2.25    | -2.38    | -3.09    | -2.57      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | -0.05    | 0.03     | -0.01      |         | ppb   |
| Cadmium    | 111-1 | -0.14    | -0.15    | -0.21    | -0.17      |         | ppb   |
| Calcium    | 43-1  | 31250.70 | 31846.99 | 31295.01 | 31464.23   | 1.06    | ppb   |
| Calcium    | 44-1  | 31488.01 | 32166.97 | 32133.54 | 31929.51   | 1.20    | ppb   |
| Chromium   | 52-2  | 8.22     | 8.07     | 8.03     | 8.10       | 1.23    | ppb   |
| Cobalt     | 59-2  | 0.14     | 0.16     | 0.15     | 0.15       | 5.90    | ppb   |
| Copper     | 63-2  | 1.82     | 1.92     | 1.82     | 1.85       | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 138.18   | 138.48   | 135.90   | 137.52     | 1.02    | ppb   |
| Iron       | 57-2  | 137.97   | 139.58   | 135.15   | 137.56     | 1.63    | ppb   |
| Lead       | 206-1 | 0.20     | 0.21     | 0.18     | 0.20       | 7.83    | ppb   |
| Lead       | 207-1 | 0.18     | 0.16     | 0.18     | 0.17       | 5.19    | ppb   |
| Lead       | 208-1 | 0.19     | 0.18     | 0.19     | 0.19       | 0.77    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 3462.61  | 3503.00  | 3471.08  | 3478.90    | 0.61    | ppb   |
| Manganese  | 55-2  | 55.72    | 54.27    | 56.67    | 55.55      | 2.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:36:24 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.24     | 0.28     | 0.26     | 0.26       | 7.80    | ppb   |
| Molybdenum | 94-1  | 0.13     | 0.12     | 0.10     | 0.12       | 12.79   | ppb   |
| Molybdenum | 95-1  | 0.22     | 0.21     | 0.20     | 0.21       | 3.78    | ppb   |
| Molybdenum | 96-1  | 0.20     | 0.19     | 0.21     | 0.20       | 3.44    | ppb   |
| Molybdenum | 97-1  | 0.25     | 0.26     | 0.28     | 0.27       | 5.79    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.35     | 0.30     | 0.33     | 0.33       | 6.71    | ppb   |
| Phosphorus | 31-2  | 86.27    | 113.17   | 75.06    | 91.50      | 21.40   | ppb   |
| Potassium  | 39-2  | 2256.41  | 2284.80  | 2222.32  | 2254.51    | 1.39    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 0.97     | -2.16    | -2.16    | -1.12      |         | ppb   |
| Selenium   | 78-2  | 0.14     | 0.65     | 0.14     | 0.31       | 95.62   | ppb   |
| Selenium   | 82-1  | -0.35    | 0.24     | 0.04     | -0.02      |         | ppb   |
| Silicon    | 28-1  | 2227.97  | 2275.65  | 2246.44  | 2250.02    | 1.07    | ppb   |
| Silver     | 109-1 | 0.11     | 0.11     | 0.13     | 0.11       | 10.78   | ppb   |
| Silver     | 107-1 | 0.10     | 0.10     | 0.11     | 0.10       | 8.45    | ppb   |
| Sodium     | 23-2  | 39834.50 | 40337.41 | 40514.30 | 40228.74   | 0.88    | ppb   |
| Strontium  | 86-1  | 162.51   | 161.27   | 161.50   | 161.76     | 0.41    | ppb   |
| Strontium  | 88-1  | 162.99   | 163.22   | 165.65   | 163.95     | 0.90    | ppb   |
| Sulfur     | 34-1  | 2763.65  | 3124.15  | 2916.85  | 2934.89    | 6.16    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.00     | 0.00       | 387.94  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 41.86   | ppb   |
| Tin        | 118-1 | -0.04    | -0.01    | 0.00     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.54     | 0.59     | 1.63     | 0.92       | 66.94   | ppb   |
| Uranium    | 238-1 | 0.18     | 0.17     | 0.17     | 0.18       | 2.84    | ppb   |
| Vanadium   | 51-2  | 0.19     | 0.20     | 0.22     | 0.21       | 6.19    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 3.78     | 4.02     | 4.16     | 3.99       | 4.89    | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.04     | 0.05     | 0.05       | 15.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:36:24 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.04    | 0.01    | 0.04       | 62.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:39:30 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.92     | 6.73     | 4.09     | 5.58       | 24.28   | ppb   |
| Antimony   | 121-1 | 0.23     | 0.26     | 0.26     | 0.25       | 6.87    | ppb   |
| Arsenic    | 75-2  | 1.24     | 1.33     | 1.17     | 1.25       | 6.36    | ppb   |
| Barium     | 135-1 | 23.15    | 22.69    | 22.42    | 22.75      | 1.62    | ppb   |
| Barium     | 137-1 | 23.28    | 22.87    | 23.40    | 23.19      | 1.19    | ppb   |
| Beryllium  | 9-1   | -0.02    | -0.01    | 0.01     | 0.00       |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 11-1  | 18.43    | 19.30    | 18.39    | 18.71      | 2.75    | ppb   |
| Boron      | 10-1  | 18.58    | 18.44    | 16.27    | 17.76      | 7.28    | ppb   |
| Cadmium    | 106-1 | -1.53    | -3.15    | -2.62    | -2.43      |         | ppb   |
| Cadmium    | 108-1 | 0.02     | -0.03    | -0.03    | -0.01      |         | ppb   |
| Cadmium    | 111-1 | -0.11    | -0.21    | -0.17    | -0.16      |         | ppb   |
| Calcium    | 43-1  | 31161.79 | 31441.00 | 31497.49 | 31366.76   | 0.57    | ppb   |
| Calcium    | 44-1  | 31394.28 | 31841.34 | 31489.14 | 31574.92   | 0.75    | ppb   |
| Chromium   | 52-2  | 3.07     | 2.92     | 2.95     | 2.98       | 2.54    | ppb   |
| Cobalt     | 59-2  | 0.07     | 0.08     | 0.09     | 0.08       | 7.79    | ppb   |
| Copper     | 63-2  | 1.68     | 1.63     | 1.68     | 1.66       | 1.74    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 38.17    | 38.59    | 37.22    | 37.99      | 1.84    | ppb   |
| Iron       | 57-2  | 47.55    | 37.01    | 36.19    | 40.25      | 15.74   | ppb   |
| Lead       | 206-1 | 0.05     | 0.04     | 0.04     | 0.04       | 9.30    | ppb   |
| Lead       | 207-1 | 0.02     | 0.04     | 0.05     | 0.04       | 31.15   | ppb   |
| Lead       | 208-1 | 0.04     | 0.04     | 0.05     | 0.04       | 3.11    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 3569.40  | 3437.20  | 3480.82  | 3495.81    | 1.93    | ppb   |
| Manganese  | 55-2  | 14.87    | 15.06    | 14.90    | 14.94      | 0.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:39:30 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.22     | 0.20     | 0.22     | 0.21       | 6.94    | ppb   |
| Molybdenum | 94-1  | 0.09     | 0.10     | 0.09     | 0.09       | 5.09    | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.22     | 0.22     | 0.22       | 5.20    | ppb   |
| Molybdenum | 96-1  | 0.20     | 0.22     | 0.18     | 0.20       | 10.72   | ppb   |
| Molybdenum | 97-1  | 0.27     | 0.23     | 0.25     | 0.25       | 8.18    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.16     | 0.16     | 0.13     | 0.15       | 11.35   | ppb   |
| Phosphorus | 31-2  | 34.90    | 9.46     | 34.70    | 26.35      | 55.50   | ppb   |
| Potassium  | 39-2  | 2225.58  | 2216.72  | 2288.04  | 2243.44    | 1.73    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | -2.16    | -2.16      |         | ppb   |
| Selenium   | 78-2  | 1.11     | 0.13     | -0.87    | 0.12       | 796.77  | ppb   |
| Selenium   | 82-1  | 0.44     | 0.54     | 0.32     | 0.43       | 24.47   | ppb   |
| Silicon    | 28-1  | 2268.84  | 2205.75  | 2220.84  | 2231.81    | 1.48    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.10     | 0.09       | 6.28    | ppb   |
| Silver     | 107-1 | 0.08     | 0.09     | 0.11     | 0.09       | 18.03   | ppb   |
| Sodium     | 23-2  | 40766.67 | 39902.90 | 40111.21 | 40260.26   | 1.12    | ppb   |
| Strontium  | 86-1  | 160.86   | 160.45   | 163.39   | 161.57     | 0.98    | ppb   |
| Strontium  | 88-1  | 166.06   | 163.78   | 167.93   | 165.92     | 1.25    | ppb   |
| Sulfur     | 34-1  | 2321.18  | 2353.51  | 2457.37  | 2377.35    | 2.99    | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 21.42   | ppb   |
| Tin        | 118-1 | -0.08    | -0.03    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.25     | 0.15     | 0.21     | 0.20       | 25.34   | ppb   |
| Uranium    | 238-1 | 0.18     | 0.16     | 0.17     | 0.17       | 5.94    | ppb   |
| Vanadium   | 51-2  | 0.21     | 0.17     | 0.18     | 0.19       | 10.05   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 2.56     | 2.43     | 2.58     | 2.52       | 3.12    | ppb   |
| Zirconium  | 90-1  | 0.08     | 0.04     | 0.05     | 0.06       | 38.36   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:39:30 | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.05    | 0.03    | 0.03       | 41.17   | ppb   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4843-10 Instrumnet Name : P8  
 Client Sample ID : MC0AY7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 18:42:37 DataFile Name : 073SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13.07    | 22.20    | 16.69    | 17.32      | 26.57   | ppb   |
| Antimony   | 121-1 | 0.25     | 0.26     | 0.27     | 0.26       | 3.52    | ppb   |
| Arsenic    | 75-2  | 1.54     | 1.39     | 1.45     | 1.46       | 5.19    | ppb   |
| Barium     | 135-1 | 22.10    | 21.77    | 21.69    | 21.85      | 1.00    | ppb   |
| Barium     | 137-1 | 22.63    | 22.25    | 22.07    | 22.32      | 1.28    | ppb   |
| Beryllium  | 9-1   | -0.02    | -0.04    | -0.02    | -0.02      |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 11-1  | 16.82    | 16.52    | 17.63    | 16.99      | 3.35    | ppb   |
| Boron      | 10-1  | 15.16    | 17.83    | 17.43    | 16.80      | 8.57    | ppb   |
| Cadmium    | 106-1 | -2.73    | -2.05    | -2.44    | -2.41      |         | ppb   |
| Cadmium    | 108-1 | -0.08    | -0.08    | -0.08    | -0.08      |         | ppb   |
| Cadmium    | 111-1 | -0.18    | -0.14    | -0.17    | -0.16      |         | ppb   |
| Calcium    | 43-1  | 29692.59 | 29450.18 | 29743.71 | 29628.83   | 0.53    | ppb   |
| Calcium    | 44-1  | 30219.24 | 29749.20 | 29867.38 | 29945.27   | 0.82    | ppb   |
| Chromium   | 52-2  | -0.11    | -0.08    | -0.06    | -0.08      |         | ppb   |
| Cobalt     | 59-2  | 0.12     | 0.09     | 0.10     | 0.10       | 16.12   | ppb   |
| Copper     | 63-2  | 1.74     | 1.68     | 1.72     | 1.71       | 1.78    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 86.66    | 91.31    | 89.20    | 89.05      | 2.61    | ppb   |
| Iron       | 57-2  | 93.46    | 93.26    | 96.26    | 94.32      | 1.78    | ppb   |
| Lead       | 206-1 | 0.07     | 0.07     | 0.08     | 0.07       | 8.86    | ppb   |
| Lead       | 207-1 | 0.06     | 0.06     | 0.04     | 0.05       | 26.51   | ppb   |
| Lead       | 208-1 | 0.07     | 0.07     | 0.06     | 0.07       | 7.40    | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 3215.05  | 3267.16  | 3215.43  | 3232.55    | 0.93    | ppb   |
| Manganese  | 55-2  | 43.09    | 42.77    | 43.11    | 42.99      | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:42:37 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 98-1  | 0.22     | 0.21     | 0.21     | 0.21       | 2.73    | ppb   |
| Molybdenum | 94-1  | 0.10     | 0.10     | 0.09     | 0.10       | 4.48    | ppb   |
| Molybdenum | 95-1  | 0.21     | 0.17     | 0.24     | 0.20       | 16.07   | ppb   |
| Molybdenum | 96-1  | 0.19     | 0.19     | 0.20     | 0.19       | 4.01    | ppb   |
| Molybdenum | 97-1  | 0.27     | 0.24     | 0.26     | 0.26       | 6.11    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.21     | 0.35     | 0.26     | 0.27       | 27.67   | ppb   |
| Phosphorus | 31-2  | 72.26    | 110.65   | 135.15   | 106.02     | 29.90   | ppb   |
| Potassium  | 39-2  | 2200.94  | 2271.72  | 2222.49  | 2231.72    | 1.63    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | -2.16    | -2.16    | 0.92     | -1.13      |         | ppb   |
| Selenium   | 78-2  | -0.37    | 0.12     | -0.37    | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.10     | 0.09     | 0.45     | 0.21       | 95.23   | ppb   |
| Silicon    | 28-1  | 2243.65  | 2252.85  | 2275.98  | 2257.49    | 0.74    | ppb   |
| Silver     | 109-1 | 0.09     | 0.11     | 0.10     | 0.10       | 10.53   | ppb   |
| Silver     | 107-1 | 0.08     | 0.10     | 0.10     | 0.09       | 8.39    | ppb   |
| Sodium     | 23-2  | 37634.61 | 37384.08 | 37865.21 | 37627.97   | 0.64    | ppb   |
| Strontium  | 86-1  | 129.74   | 132.29   | 131.03   | 131.02     | 0.97    | ppb   |
| Strontium  | 88-1  | 135.17   | 135.84   | 134.27   | 135.09     | 0.58    | ppb   |
| Sulfur     | 34-1  | 1646.55  | 1879.03  | 1890.34  | 1805.30    | 7.62    | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 267.30  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 747.00  | ppb   |
| Tin        | 118-1 | -0.06    | -0.04    | -0.04    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.20     | 0.29     | 0.25     | 0.25       | 16.75   | ppb   |
| Uranium    | 238-1 | 0.16     | 0.14     | 0.15     | 0.15       | 6.18    | ppb   |
| Vanadium   | 51-2  | 0.18     | 0.20     | 0.17     | 0.18       | 8.99    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 3.01     | 3.58     | 3.55     | 3.38       | 9.51    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.05     | 0.05     | 0.05       | 13.39   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:42:37 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.01    | 0.03       | 45.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:45:43 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.26   | 1.56    | -0.34   | -0.01      |         | ppb   |
| Antimony   | 121-1 | 0.03    | 0.01    | 0.01    | 0.02       | 42.50   | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.03    | 0.02    | 0.06       | 101.76  | ppb   |
| Barium     | 135-1 | 2.23    | 2.09    | 2.11    | 2.14       | 3.39    | ppb   |
| Barium     | 137-1 | 2.25    | 2.24    | 2.29    | 2.26       | 1.20    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 2.90    | 3.34    | 3.28    | 3.17       | 7.51    | ppb   |
| Boron      | 10-1  | 2.57    | 3.09    | 2.79    | 2.82       | 9.27    | ppb   |
| Cadmium    | 106-1 | -2.80   | -2.91   | -3.13   | -2.95      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.02   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 111-1 | -0.19   | -0.20   | -0.22   | -0.20      |         | ppb   |
| Calcium    | 43-1  | 2071.64 | 2113.89 | 2035.44 | 2073.66    | 1.89    | ppb   |
| Calcium    | 44-1  | 2060.60 | 2048.60 | 2047.02 | 2052.07    | 0.36    | ppb   |
| Chromium   | 52-2  | 0.16    | 0.09    | 0.06    | 0.10       | 50.99   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.24    | 0.20    | 0.20    | 0.21       | 11.21   | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 6.03    | 5.56    | 5.22    | 5.60       | 7.28    | ppb   |
| Iron       | 57-2  | 6.19    | 8.32    | 4.91    | 6.47       | 26.60   | ppb   |
| Lead       | 206-1 | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lead       | 208-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 227.70  | 214.91  | 210.61  | 217.74     | 4.08    | ppb   |
| Manganese  | 55-2  | 3.48    | 3.59    | 3.63    | 3.57       | 2.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:45:43 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 52.22   | ppb   |
| Molybdenum | 94-1  | 0.03    | 0.01    | 0.01    | 0.02       | 55.56   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | 5.04    | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.00    | 0.01       | 213.79  | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.05    | 0.02    | 0.02       | 106.34  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.29   | -0.32   | -0.30   | -0.30      |         | ppb   |
| Phosphorus | 31-2  | 11.13   | 10.84   | 10.63   | 10.87      | 2.32    | ppb   |
| Potassium  | 39-2  | 110.51  | 112.20  | 89.46   | 104.06     | 12.18   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.17    | -0.87   | 0.16    | -0.18      |         | ppb   |
| Selenium   | 82-1  | -0.09   | 0.21    | 0.11    | 0.08       | 194.10  | ppb   |
| Silicon    | 28-1  | 106.90  | 101.97  | 103.18  | 104.02     | 2.47    | ppb   |
| Silver     | 109-1 | 0.05    | 0.02    | 0.03    | 0.03       | 37.72   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.03    | 0.03       | 8.12    | ppb   |
| Sodium     | 23-2  | 3941.32 | 3912.09 | 3871.08 | 3908.16    | 0.90    | ppb   |
| Strontium  | 86-1  | 14.12   | 14.79   | 14.25   | 14.39      | 2.45    | ppb   |
| Strontium  | 88-1  | 14.36   | 14.66   | 14.55   | 14.52      | 1.05    | ppb   |
| Sulfur     | 34-1  | -301.51 | -447.06 | -463.75 | -404.10    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 166.50  | ppb   |
| Tin        | 118-1 | -0.12   | -0.12   | -0.14   | -0.12      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.04    | -0.01   | 0.03       | 121.26  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 41.97   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.04    | 0.01    | 0.02       | 60.05   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.49    | 0.50    | 0.44    | 0.47       | 6.46    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 148.07  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:45:43 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | -0.01   | 0.00       | 1313.95 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:48:53 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.65    | -0.32   | 1.58    | 0.64       | 148.23  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.03    | 0.02    | 0.02       | 27.69   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.08    | 0.03    | 0.05       | 51.93   | ppb   |
| Barium     | 135-1 | 1.76    | 1.81    | 1.82    | 1.80       | 1.71    | ppb   |
| Barium     | 137-1 | 1.88    | 1.93    | 1.82    | 1.87       | 2.97    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | -0.01   | 0.00       | 350.90  | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 11-1  | 2.03    | 2.33    | 2.22    | 2.20       | 6.87    | ppb   |
| Boron      | 10-1  | 2.57    | 2.65    | 2.32    | 2.51       | 6.86    | ppb   |
| Cadmium    | 106-1 | -1.93   | -3.55   | -2.95   | -2.81      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | -0.11   | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.25   | -0.20   | -0.20      |         | ppb   |
| Calcium    | 43-1  | 1976.68 | 1984.26 | 1975.58 | 1978.84    | 0.24    | ppb   |
| Calcium    | 44-1  | 1966.44 | 1977.08 | 1995.94 | 1979.82    | 0.75    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.29    | 0.25    | 0.29       | 11.28   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.16    | 0.18    | 0.19    | 0.17       | 8.43    | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 3.98    | 4.01    | 3.34    | 3.78       | 9.95    | ppb   |
| Iron       | 57-2  | 4.51    | 5.00    | 3.61    | 4.37       | 16.15   | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 209.63  | 200.81  | 213.98  | 208.14     | 3.22    | ppb   |
| Manganese  | 55-2  | 2.08    | 2.10    | 1.86    | 2.01       | 6.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:48:53 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.03    | 0.01    | 0.01    | 0.02       | 42.95   | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 24.22   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.00    | 0.01    | 0.01       | 85.13   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.03    | 0.02    | 0.02       | 32.80   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05    | 0.08    | 0.06       | 39.87   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.13   | -0.04   | -0.11      |         | ppb   |
| Phosphorus | 31-2  | 11.14   | -15.49  | -2.28   | -2.21      |         | ppb   |
| Potassium  | 39-2  | 104.43  | 85.39   | 105.48  | 98.43      | 11.49   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 107        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | -0.36   | 1.17    | 0.67    | 0.49       | 157.52  | ppb   |
| Selenium   | 82-1  | -0.50   | 0.29    | 0.40    | 0.06       | 759.12  | ppb   |
| Silicon    | 28-1  | 121.18  | 118.49  | 120.60  | 120.09     | 1.18    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.03    | 0.02       | 19.65   | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.03    | 0.03       | 4.85    | ppb   |
| Sodium     | 23-2  | 4049.60 | 3982.45 | 4006.19 | 4012.75    | 0.85    | ppb   |
| Strontium  | 86-1  | 12.74   | 12.16   | 12.75   | 12.55      | 2.69    | ppb   |
| Strontium  | 88-1  | 12.79   | 12.59   | 12.89   | 12.75      | 1.18    | ppb   |
| Sulfur     | 34-1  | -330.90 | -293.49 | -238.08 | -287.49    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 86.82   | ppb   |
| Tin        | 118-1 | -0.12   | -0.12   | -0.15   | -0.13      |         | ppb   |
| Titanium   | 47-1  | 0.03    | -0.03   | 0.05    | 0.02       | 239.14  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.95   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.00    | 0.01    | 0.01       | 85.19   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.64    | 0.70    | 0.70    | 0.68       | 5.17    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 75.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:48:53 | DataFile Name :   | 075SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:52:01 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.55    | -0.29   | -1.28   | -0.01      |         | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.02    | 0.02       | 32.48   | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.07    | 0.05    | 0.07       | 19.09   | ppb   |
| Barium     | 135-1 | 1.26    | 1.20    | 1.33    | 1.26       | 5.28    | ppb   |
| Barium     | 137-1 | 1.28    | 1.31    | 1.35    | 1.31       | 2.87    | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 11-1  | 2.12    | 1.84    | 1.99    | 1.99       | 7.07    | ppb   |
| Boron      | 10-1  | 1.85    | 2.34    | 2.67    | 2.29       | 18.10   | ppb   |
| Cadmium    | 106-1 | -3.40   | -2.16   | -3.16   | -2.91      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 111-1 | -0.24   | -0.15   | -0.22   | -0.20      |         | ppb   |
| Calcium    | 43-1  | 1618.47 | 1741.20 | 1615.19 | 1658.29    | 4.33    | ppb   |
| Calcium    | 44-1  | 1603.27 | 1752.44 | 1616.56 | 1657.43    | 4.98    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.41    | 0.31    | 0.32       | 24.35   | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.15    | 0.17    | 0.12    | 0.15       | 15.04   | 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 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 3.08    | 3.16    | 3.07    | 3.10       | 1.54    | ppb   |
| Iron       | 57-2  | 3.27    | 1.14    | 1.01    | 1.81       | 70.32   | ppb   |
| Lead       | 206-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | 142.63  | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 179.32  | 187.17  | 169.97  | 178.82     | 4.82    | ppb   |
| Manganese  | 55-2  | 0.86    | 0.89    | 0.62    | 0.79       | 18.75   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:52:01 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.09    | 0.09    | 0.07    | 0.08       | 10.03   | ppb   |
| Molybdenum | 94-1  | 0.04    | 0.03    | 0.02    | 0.03       | 35.37   | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.07    | 0.08    | 0.08       | 7.10    | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.07    | 0.07    | 0.07       | 2.49    | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.11    | 0.13    | 0.11       | 14.13   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.30   | -0.37   | -0.32   | -0.33      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | -2.14   | -2.54   | -6.72      |         | ppb   |
| Potassium  | 39-2  | 111.90  | 109.55  | 96.49   | 105.98     | 7.83    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.16    | -0.35   | 1.18    | 0.33       | 237.43  | ppb   |
| Selenium   | 82-1  | 0.00    | -0.14   | -0.38   | -0.17      |         | ppb   |
| Silicon    | 28-1  | 97.65   | 108.18  | 95.29   | 100.37     | 6.84    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 15.24   | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.02    | 0.02       | 24.00   | ppb   |
| Sodium     | 23-2  | 1986.53 | 2019.28 | 1947.29 | 1984.37    | 1.82    | ppb   |
| Strontium  | 86-1  | 8.40    | 9.02    | 8.40    | 8.61       | 4.21    | ppb   |
| Strontium  | 88-1  | 8.38    | 9.12    | 8.36    | 8.62       | 5.05    | ppb   |
| Sulfur     | 34-1  | -218.15 | 656.43  | -281.78 | 52.17      | 1005.02 | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 240.00  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 71.67   | ppb   |
| Tin        | 118-1 | -0.16   | -0.10   | -0.12   | -0.13      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.02    | 0.00    | 0.01       | 151.58  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.30   | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.01    | 0.01    | 0.00       | 312.14  | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.15    | 0.28    | 0.33    | 0.26       | 36.00   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | -0.01   | 0.00       | 304.85  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:52:01 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:55:10 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.72    | 3.68    | 0.68    | 2.03       | 75.14   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.02    | 0.01       | 20.74   | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.06    | 0.03    | 0.06       | 45.39   | ppb   |
| Barium     | 135-1 | 1.14    | 1.18    | 1.09    | 1.14       | 3.97    | ppb   |
| Barium     | 137-1 | 1.18    | 1.20    | 1.14    | 1.18       | 2.51    | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 11-1  | 1.63    | 2.22    | 1.75    | 1.87       | 16.83   | ppb   |
| Boron      | 10-1  | 1.75    | 1.81    | 1.51    | 1.69       | 9.35    | ppb   |
| Cadmium    | 106-1 | -1.49   | -3.09   | -3.06   | -2.54      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.22   | -0.21   | -0.18      |         | ppb   |
| Calcium    | 43-1  | 1511.55 | 1713.07 | 1530.00 | 1584.88    | 7.03    | ppb   |
| Calcium    | 44-1  | 1519.48 | 1680.52 | 1565.51 | 1588.51    | 5.22    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.18    | 0.17    | 0.20       | 22.65   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.11    | 0.11    | 0.15    | 0.12       | 20.05   | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 1.85    | 1.72    | 1.69    | 1.75       | 4.99    | ppb   |
| Iron       | 57-2  | 1.84    | 1.55    | 1.45    | 1.61       | 12.55   | ppb   |
| Lead       | 206-1 | -0.01   | 0.02    | -0.02   | 0.00       |         | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.00    | 0.01       | 167.59  | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 160.60  | 185.50  | 178.23  | 174.78     | 7.33    | ppb   |
| Manganese  | 55-2  | 0.70    | 0.90    | 0.73    | 0.78       | 13.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:55:10 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 30.01   | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 60.27   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.02    | 0.01    | 0.01       | 147.13  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 34.14   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.04    | 0.03       | 27.62   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.29   | -0.28   | -0.34   | -0.30      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | 11.92   | -15.49  | -6.35      |         | ppb   |
| Potassium  | 39-2  | 96.94   | 83.72   | 87.81   | 89.49      | 7.56    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | -2.16   | 1.16    | -2.16   | -1.05      |         | ppb   |
| Selenium   | 78-2  | 0.72    | 0.20    | 0.73    | 0.55       | 55.38   | ppb   |
| Selenium   | 82-1  | 0.54    | -0.74   | -0.31   | -0.17      |         | ppb   |
| Silicon    | 28-1  | 93.22   | 111.84  | 102.98  | 102.68     | 9.07    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 23.39   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.02    | 0.02       | 41.08   | ppb   |
| Sodium     | 23-2  | 1938.08 | 1904.76 | 1924.40 | 1922.42    | 0.87    | ppb   |
| Strontium  | 86-1  | 7.62    | 8.51    | 7.93    | 8.02       | 5.64    | ppb   |
| Strontium  | 88-1  | 7.96    | 8.57    | 8.25    | 8.26       | 3.73    | ppb   |
| Sulfur     | 34-1  | -586.03 | 690.91  | 433.86  | 179.58     | 376.09  | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.00    | 0.00       | 212.64  | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 26.76   | ppb   |
| Tin        | 118-1 | -0.12   | -0.11   | -0.13   | -0.12      |         | ppb   |
| Titanium   | 47-1  | -0.04   | 0.04    | 0.01    | 0.01       | 765.57  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 47.75   | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.01    | 0.01    | 0.02       | 66.60   | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 0.74    | 0.58    | 0.36    | 0.56       | 34.55   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 236.23  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:55:10 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.03    | 0.00    | 0.01       | 189.94  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:58:18 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.62    | -0.33   | 2.48    | 0.92       | 154.63  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.02    | 0.01       | 48.42   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.05    | 0.09    | 0.05       | 69.40   | ppb   |
| Barium     | 135-1 | 1.26    | 1.20    | 1.12    | 1.19       | 5.85    | ppb   |
| Barium     | 137-1 | 1.19    | 1.25    | 1.27    | 1.24       | 3.64    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 11-1  | 1.94    | 2.05    | 1.93    | 1.97       | 3.26    | ppb   |
| Boron      | 10-1  | 1.53    | 1.80    | 1.91    | 1.74       | 11.23   | ppb   |
| Cadmium    | 106-1 | -2.58   | -2.70   | -3.01   | -2.76      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.02   | -0.04      |         | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.18   | -0.21   | -0.19      |         | ppb   |
| Calcium    | 43-1  | 1682.82 | 1718.84 | 1719.61 | 1707.09    | 1.23    | ppb   |
| Calcium    | 44-1  | 1674.72 | 1670.33 | 1675.92 | 1673.66    | 0.18    | ppb   |
| Chromium   | 52-2  | 0.21    | 0.10    | 0.21    | 0.17       | 35.01   | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.10    | 0.16    | 0.12    | 0.13       | 21.89   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 1.89    | 2.27    | 2.16    | 2.10       | 9.11    | ppb   |
| Iron       | 57-2  | 1.07    | 0.51    | 1.05    | 0.88       | 36.57   | ppb   |
| Lead       | 206-1 | 0.02    | 0.01    | 0.01    | 0.01       | 53.26   | ppb   |
| Lead       | 207-1 | 0.01    | 0.00    | 0.00    | 0.01       | 126.11  | ppb   |
| Lead       | 208-1 | 0.02    | 0.01    | 0.01    | 0.01       | 27.23   | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 180.65  | 178.86  | 181.77  | 180.42     | 0.81    | ppb   |
| Manganese  | 55-2  | 0.68    | 0.89    | 0.90    | 0.82       | 15.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:58:18 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.01    | 0.01       | 60.38   | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.01       | 53.92   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.01    | 0.00       | 268.31  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.00    | 0.01       | 131.21  | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.03    | 0.03       | 19.39   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.32   | -0.30   | -0.27   | -0.30      |         | ppb   |
| Phosphorus | 31-2  | 23.96   | -2.37   | -15.49  | 2.03       | 988.03  | ppb   |
| Potassium  | 39-2  | 111.02  | 80.71   | 106.02  | 99.25      | 16.37   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 4.26    | -2.16   | -2.16   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.16    | -0.36   | -0.36   | -0.18      |         | ppb   |
| Selenium   | 82-1  | 0.28    | 0.13    | -0.28   | 0.04       | 645.18  | ppb   |
| Silicon    | 28-1  | 106.02  | 104.20  | 103.43  | 104.55     | 1.27    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 22.35   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.03    | 0.02       | 34.44   | ppb   |
| Sodium     | 23-2  | 2111.91 | 2092.81 | 2132.77 | 2112.50    | 0.95    | ppb   |
| Strontium  | 86-1  | 8.60    | 8.53    | 8.61    | 8.58       | 0.54    | ppb   |
| Strontium  | 88-1  | 8.78    | 8.58    | 8.56    | 8.64       | 1.41    | ppb   |
| Sulfur     | 34-1  | -251.80 | -371.84 | -317.04 | -313.56    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | 110.81  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 32.19   | ppb   |
| Tin        | 118-1 | -0.14   | -0.13   | -0.12   | -0.13      |         | ppb   |
| Titanium   | 47-1  | -0.02   | 0.01    | -0.04   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 34.75   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 66.60   | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.60    | 0.22    | 0.32    | 0.38       | 50.91   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 23.40   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:58:18 | DataFile Name :   | 078SMPL.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 19:01:26 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.26   | 0.64    | 1.60    | 0.33       | 447.73  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.02    | 0.01    | 0.01       | 41.03   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.04    | -0.02   | 0.02       | 203.34  | ppb   |
| Barium     | 135-1 | 0.16    | 0.14    | 0.24    | 0.18       | 29.24   | ppb   |
| Barium     | 137-1 | 0.19    | 0.19    | 0.22    | 0.20       | 8.52    | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 0.92    | 0.90    | 0.52    | 0.78       | 29.14   | ppb   |
| Boron      | 10-1  | 1.28    | 1.71    | 0.68    | 1.22       | 42.13   | ppb   |
| Cadmium    | 106-1 | -2.24   | -2.39   | -1.51   | -2.05      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.11   | -0.09      |         | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.16   | -0.10   | -0.14      |         | ppb   |
| Calcium    | 43-1  | 305.04  | 332.12  | 302.43  | 313.20     | 5.25    | ppb   |
| Calcium    | 44-1  | 274.36  | 290.00  | 287.46  | 283.94     | 2.96    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.08   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.06    | 0.03    | 0.04       | 44.04   | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.37    | 0.16    | 0.40    | 0.31       | 42.17   | ppb   |
| Iron       | 57-2  | 0.81    | 0.26    | -1.41   | -0.11      |         | ppb   |
| Lead       | 206-1 | -0.02   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 33.69   | 33.45   | 30.75   | 32.63      | 5.00    | ppb   |
| Manganese  | 55-2  | 0.27    | 0.12    | 0.12    | 0.17       | 48.71   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 19:01:26 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.00       | 137.60  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.02    | 0.02       | 17.99   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.29   | -0.32   | -0.38   | -0.33      |         | ppb   |
| Phosphorus | 31-2  | 10.91   | 11.02   | -2.21   | 6.57       | 115.77  | ppb   |
| Potassium  | 39-2  | 18.71   | 0.99    | 15.55   | 11.75      | 80.41   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -2.16   | 1.03    | -2.16   | -1.09      |         | ppb   |
| Selenium   | 78-2  | 1.70    | 1.70    | 0.17    | 1.19       | 74.06   | ppb   |
| Selenium   | 82-1  | -0.05   | -0.64   | -0.30   | -0.33      |         | ppb   |
| Silicon    | 28-1  | 3.88    | 4.13    | 6.68    | 4.89       | 31.63   | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 13.59   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 30.82   | ppb   |
| Sodium     | 23-2  | 379.03  | 380.47  | 378.73  | 379.41     | 0.25    | ppb   |
| Strontium  | 86-1  | 1.48    | 1.63    | 1.43    | 1.51       | 7.00    | ppb   |
| Strontium  | 88-1  | 1.49    | 1.54    | 1.53    | 1.52       | 1.93    | ppb   |
| Sulfur     | 34-1  | -521.76 | -262.81 | -264.41 | -349.66    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 263.53  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 473.95  | ppb   |
| Tin        | 118-1 | -0.13   | -0.12   | -0.14   | -0.13      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.03   | -0.02   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.00       | 116.61  | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.26    | 0.26    | 0.23    | 0.25       | 7.39    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.01    | 0.01       | 39.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 19:01:26 | DataFile Name :   | 079SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:04:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 123.87  | 104.21  | 97.53   | 108.54     | 12.62   | ppb   |
| Antimony   | 121-1 | 5.86    | 5.77    | 5.77    | 5.80       | 0.94    | ppb   |
| Arsenic    | 75-2  | 2.23    | 2.30    | 2.39    | 2.30       | 3.55    | ppb   |
| Barium     | 135-1 | 117.22  | 113.31  | 116.78  | 115.77     | 1.85    | ppb   |
| Barium     | 137-1 | 118.32  | 115.94  | 116.53  | 116.93     | 1.06    | ppb   |
| Beryllium  | 9-1   | 2.92    | 2.81    | 2.85    | 2.86       | 1.83    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 11-1  | 1.40    | 1.60    | 1.67    | 1.56       | 8.96    | ppb   |
| Boron      | 10-1  | 1.62    | 1.80    | 1.32    | 1.58       | 15.39   | ppb   |
| Cadmium    | 106-1 | -0.61   | 0.39    | -0.75   | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 2.49    | 2.57    | 2.21    | 2.42       | 7.71    | ppb   |
| Cadmium    | 111-1 | 2.74    | 2.89    | 2.65    | 2.76       | 4.35    | ppb   |
| Calcium    | 43-1  | 1663.65 | 1697.61 | 1624.85 | 1662.04    | 2.19    | ppb   |
| Calcium    | 44-1  | 1662.82 | 1671.59 | 1654.03 | 1662.81    | 0.53    | ppb   |
| Chromium   | 52-2  | 12.00   | 11.39   | 11.94   | 11.78      | 2.84    | ppb   |
| Cobalt     | 59-2  | 29.50   | 28.72   | 29.43   | 29.22      | 1.46    | ppb   |
| Copper     | 63-2  | 15.08   | 14.88   | 15.63   | 15.20      | 2.53    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 61.34   | 60.29   | 62.56   | 61.40      | 1.85    | ppb   |
| Iron       | 57-2  | 67.13   | 61.43   | 59.56   | 62.70      | 6.28    | ppb   |
| Lead       | 206-1 | 1.13    | 1.13    | 1.08    | 1.11       | 2.64    | ppb   |
| Lead       | 207-1 | 1.12    | 1.09    | 1.06    | 1.09       | 2.87    | ppb   |
| Lead       | 208-1 | 1.12    | 1.12    | 1.10    | 1.11       | 1.09    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 194.68  | 178.55  | 188.37  | 187.20     | 4.34    | ppb   |
| Manganese  | 55-2  | 29.81   | 30.17   | 30.45   | 30.15      | 1.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:04:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 22.99   | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 44.84   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | 175.16  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.01    | 0.01       | 79.30   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.04    | 0.02    | 0.02       | 67.15   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 29.49   | 29.47   | 29.75   | 29.57      | 0.52    | ppb   |
| Phosphorus | 31-2  | -15.49  | -2.24   | -1.85   | -6.53      |         | ppb   |
| Potassium  | 39-2  | 110.86  | 95.95   | 97.70   | 101.50     | 8.03    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 1.07    | 10.93   | 1.08    | 4.36       | 130.45  | ppb   |
| Selenium   | 78-2  | 5.36    | 4.39    | 3.82    | 4.52       | 17.18   | ppb   |
| Selenium   | 82-1  | 5.03    | 6.29    | 5.43    | 5.58       | 11.51   | ppb   |
| Silicon    | 28-1  | 103.51  | 104.99  | 103.15  | 103.88     | 0.94    | ppb   |
| Silver     | 109-1 | 2.65    | 2.59    | 2.66    | 2.63       | 1.58    | ppb   |
| Silver     | 107-1 | 2.81    | 2.73    | 2.67    | 2.74       | 2.56    | ppb   |
| Sodium     | 23-2  | 2111.03 | 2049.10 | 2106.58 | 2088.90    | 1.65    | ppb   |
| Strontium  | 86-1  | 8.52    | 8.26    | 8.48    | 8.42       | 1.62    | ppb   |
| Strontium  | 88-1  | 8.64    | 8.60    | 8.62    | 8.62       | 0.24    | ppb   |
| Sulfur     | 34-1  | -292.82 | -204.81 | -166.82 | -221.48    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 2.82    | 2.77    | 2.69    | 2.76       | 2.35    | ppb   |
| Thallium   | 205-1 | 2.87    | 2.89    | 2.83    | 2.86       | 0.99    | ppb   |
| Tin        | 118-1 | -0.12   | -0.12   | -0.12   | -0.12      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.60   | ppb   |
| Vanadium   | 51-2  | 28.88   | 28.69   | 29.49   | 29.02      | 1.44    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 30.38   | 29.35   | 30.09   | 29.94      | 1.78    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.01    | 0.01       | 33.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:04:34 | DataFile Name :   | 080SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:07:42 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.55    | 0.89    | -0.35   | 1.03       | 141.00  | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.02    | 0.01       | 44.80   | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.02    | 0.06    | 0.08       | 91.97   | ppb   |
| Barium     | 135-1 | 1.14    | 1.07    | 1.04    | 1.08       | 4.68    | ppb   |
| Barium     | 137-1 | 1.11    | 1.09    | 1.19    | 1.13       | 4.82    | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.02   | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 11-1  | 1.19    | 1.56    | 1.52    | 1.43       | 14.09   | ppb   |
| Boron      | 10-1  | 1.94    | 1.52    | 1.46    | 1.64       | 15.74   | ppb   |
| Cadmium    | 106-1 | -1.72   | -2.70   | -2.58   | -2.34      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.05   | -0.08   | -0.04      |         | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.19   | -0.17   | -0.16      |         | ppb   |
| Calcium    | 43-1  | 1556.95 | 1562.34 | 1510.20 | 1543.17    | 1.86    | ppb   |
| Calcium    | 44-1  | 1563.63 | 1538.12 | 1543.46 | 1548.40    | 0.87    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.36    | 0.06    | 0.24       | 67.16   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.09    | 0.15    | 0.11    | 0.12       | 25.44   | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 2.35    | 2.55    | 1.96    | 2.29       | 13.29   | ppb   |
| Iron       | 57-2  | 3.65    | 3.33    | 1.84    | 2.94       | 32.78   | ppb   |
| Lead       | 206-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 174.80  | 189.91  | 166.13  | 176.95     | 6.80    | ppb   |
| Manganese  | 55-2  | 1.20    | 1.48    | 1.37    | 1.35       | 10.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:07:42 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.01    | 0.01       | 75.31   | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 13.25   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.00    | 0.00       | 298.51  | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.02    | 0.02       | 8.03    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.30   | -0.35   | -0.39   | -0.35      |         | ppb   |
| Phosphorus | 31-2  | -15.49  | -15.49  | -15.49  | -15.49     |         | ppb   |
| Potassium  | 39-2  | 94.58   | 136.32  | 99.96   | 110.28     | 20.59   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 1.09    | -2.16   | -2.16   | -1.07      |         | ppb   |
| Selenium   | 78-2  | -0.35   | 0.25    | 0.18    | 0.03       | 1135.19 | ppb   |
| Selenium   | 82-1  | -0.45   | -0.46   | -0.95   | -0.62      |         | ppb   |
| Silicon    | 28-1  | 122.39  | 92.84   | 88.55   | 101.26     | 18.19   | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.01    | 0.02       | 33.88   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.02       | 33.05   | ppb   |
| Sodium     | 23-2  | 1932.92 | 2122.28 | 1892.70 | 1982.63    | 6.18    | ppb   |
| Strontium  | 86-1  | 7.69    | 7.66    | 7.97    | 7.78       | 2.22    | ppb   |
| Strontium  | 88-1  | 7.85    | 7.82    | 7.95    | 7.87       | 0.92    | ppb   |
| Sulfur     | 34-1  | 39.15   | -217.88 | -168.87 | -115.87    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.00    | 0.00       | 35.71   | ppb   |
| Tin        | 118-1 | -0.13   | -0.12   | -0.12   | -0.12      |         | ppb   |
| Titanium   | 47-1  | -0.03   | 0.06    | 0.01    | 0.01       | 435.21  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.00       | 53.65   | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.00    | 0.01    | 0.02       | 83.02   | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 0.23    | 0.33    | 0.17    | 0.24       | 33.62   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 77.55   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:07:42 | DataFile Name :   | 081SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:10:51 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.55    | 1.58    | 3.42    | 2.18       | 48.94   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.27   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.05    | 0.05    | 0.05       | 14.62   | ppb   |
| Barium     | 135-1 | 1.14    | 1.13    | 1.04    | 1.11       | 4.99    | ppb   |
| Barium     | 137-1 | 1.21    | 1.21    | 1.19    | 1.20       | 1.05    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 1.21    | 1.23    | 1.46    | 1.30       | 10.79   | ppb   |
| Boron      | 10-1  | 0.51    | 1.16    | 0.60    | 0.76       | 46.58   | ppb   |
| Cadmium    | 106-1 | -2.75   | -2.91   | -2.67   | -2.78      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.08   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 111-1 | -0.20   | -0.20   | -0.18   | -0.20      |         | ppb   |
| Calcium    | 43-1  | 1507.12 | 1521.17 | 1521.66 | 1516.65    | 0.54    | ppb   |
| Calcium    | 44-1  | 1512.57 | 1512.01 | 1486.14 | 1503.57    | 1.00    | ppb   |
| Chromium   | 52-2  | 0.39    | 0.30    | 0.44    | 0.38       | 18.49   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.13    | 0.12    | 0.12    | 0.12       | 6.83    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 7.05    | 7.06    | 7.01    | 7.04       | 0.42    | ppb   |
| Iron       | 57-2  | 8.29    | 6.68    | 5.48    | 6.82       | 20.69   | ppb   |
| Lead       | 206-1 | 0.01    | 0.00    | -0.01   | 0.00       | 2069.20 | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.01    | 0.00    | 0.00       | 107.46  | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 181.50  | 179.46  | 162.79  | 174.58     | 5.88    | ppb   |
| Manganese  | 55-2  | 2.66    | 2.95    | 2.66    | 2.76       | 6.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:10:51 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.01    | 0.01       | 43.52   | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 27.03   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.02    | 0.00       | 301.62  | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | 0.01    | 0.00       | 193.34  | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.04    | 0.04    | 0.03       | 42.59   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.32   | -0.33   | -0.32   | -0.32      |         | ppb   |
| Phosphorus | 31-2  | -2.37   | -15.49  | 23.75   | 1.96       | 1017.16 | ppb   |
| Potassium  | 39-2  | 88.49   | 93.78   | 92.72   | 91.66      | 3.05    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | -2.16   | 1.06    | -2.16   | -1.08      |         | ppb   |
| Selenium   | 78-2  | -0.87   | 0.68    | 1.18    | 0.33       | 321.15  | ppb   |
| Selenium   | 82-1  | 0.38    | 0.08    | -0.22   | 0.08       | 369.19  | ppb   |
| Silicon    | 28-1  | 90.87   | 97.24   | 92.50   | 93.54      | 3.54    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 36.51   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.01       | 15.08   | ppb   |
| Sodium     | 23-2  | 1902.10 | 1891.59 | 1851.00 | 1881.56    | 1.43    | ppb   |
| Strontium  | 86-1  | 7.88    | 7.65    | 7.73    | 7.75       | 1.48    | ppb   |
| Strontium  | 88-1  | 7.79    | 7.87    | 7.83    | 7.83       | 0.52    | ppb   |
| Sulfur     | 34-1  | -130.30 | -83.46  | -247.57 | -153.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 571.42  | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 97.29   | ppb   |
| Tin        | 118-1 | -0.12   | -0.12   | -0.11   | -0.11      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.07    | 0.05    | 0.04       | 110.12  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 36.59   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.02    | 0.01    | 0.02       | 64.08   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.44    | 0.43    | 0.52    | 0.47       | 10.98   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 41.77   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:10:51 | DataFile Name :   | 082SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:13:58 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.26   | 2.49    | 1.55    | 1.26       | 110.64  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.01       | 106.09  | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.03    | 0.05    | 0.05       | 40.97   | ppb   |
| Barium     | 135-1 | 1.10    | 0.99    | 1.11    | 1.07       | 6.11    | ppb   |
| Barium     | 137-1 | 1.02    | 1.16    | 1.13    | 1.10       | 6.99    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 11-1  | 0.79    | 1.22    | 1.41    | 1.14       | 28.17   | ppb   |
| Boron      | 10-1  | 1.58    | 1.49    | 1.46    | 1.51       | 4.21    | ppb   |
| Cadmium    | 106-1 | -1.55   | -2.01   | -2.76   | -2.11      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.02   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.14   | -0.19   | -0.14      |         | ppb   |
| Calcium    | 43-1  | 1510.14 | 1493.87 | 1564.80 | 1522.94    | 2.44    | ppb   |
| Calcium    | 44-1  | 1478.36 | 1496.14 | 1517.29 | 1497.26    | 1.30    | ppb   |
| Chromium   | 52-2  | 0.20    | 0.13    | 0.10    | 0.14       | 33.17   | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.10    | 0.11    | 0.08    | 0.10       | 12.08   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 2.01    | 1.81    | 1.46    | 1.76       | 15.93   | ppb   |
| Iron       | 57-2  | 1.52    | 3.00    | 0.23    | 1.58       | 87.61   | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | 105.50  | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 174.30  | 162.94  | 173.60  | 170.28     | 3.74    | ppb   |
| Manganese  | 55-2  | 0.73    | 0.64    | 0.62    | 0.67       | 8.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:13:58 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 123.84  | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.01       | 27.77   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.01    | 0.01       | 75.63   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01    | 0.01    | 0.01       | 30.10   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.32   | -0.33   | -0.33   | -0.33      |         | ppb   |
| Phosphorus | 31-2  | 25.35   | -15.49  | -2.37   | 2.50       | 835.33  | ppb   |
| Potassium  | 39-2  | 89.54   | 98.01   | 97.71   | 95.09      | 5.05    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 0.21    | -0.35   | 1.70    | 0.52       | 204.94  | ppb   |
| Selenium   | 82-1  | -0.43   | 0.01    | -0.84   | -0.42      |         | ppb   |
| Silicon    | 28-1  | 91.13   | 91.78   | 96.16   | 93.03      | 2.94    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 28.12   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 3.51    | ppb   |
| Sodium     | 23-2  | 1959.01 | 1891.77 | 1882.38 | 1911.05    | 2.19    | ppb   |
| Strontium  | 86-1  | 7.71    | 7.69    | 7.94    | 7.78       | 1.80    | ppb   |
| Strontium  | 88-1  | 7.99    | 7.77    | 7.91    | 7.89       | 1.42    | ppb   |
| Sulfur     | 34-1  | -42.39  | 62.45   | -136.73 | -38.89     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | 0.01    | 0.00       | 1173.51 | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 309.29  | ppb   |
| Tin        | 118-1 | -0.13   | -0.14   | -0.14   | -0.14      |         | ppb   |
| Titanium   | 47-1  | 0.07    | 0.04    | 0.07    | 0.06       | 24.72   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 32.81   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.01    | 0.00       | 47.65   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.35    | 0.29    | 0.24    | 0.29       | 18.38   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 198.09  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:13:58 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.00    | 0.01    | 0.00       | 386.57  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:17:07 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.51    | -0.32   | -1.28   | -0.03      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.95   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.12    | 0.04    | 0.07       | 66.29   | ppb   |
| Barium     | 135-1 | 1.02    | 1.07    | 1.07    | 1.05       | 2.93    | ppb   |
| Barium     | 137-1 | 1.02    | 0.97    | 1.04    | 1.01       | 3.51    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 11-1  | 1.20    | 1.00    | 0.97    | 1.06       | 11.81   | ppb   |
| Boron      | 10-1  | 0.79    | 0.96    | 1.72    | 1.15       | 42.82   | ppb   |
| Cadmium    | 106-1 | -1.87   | -1.95   | -2.08   | -1.97      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.11   | -0.08   | -0.09      |         | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.12   | -0.14   | -0.13      |         | ppb   |
| Calcium    | 43-1  | 1412.42 | 1392.50 | 1489.06 | 1431.33    | 3.56    | ppb   |
| Calcium    | 44-1  | 1411.84 | 1389.47 | 1411.43 | 1404.25    | 0.91    | ppb   |
| Chromium   | 52-2  | 0.04    | -0.01   | -0.05   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.12    | 0.08    | 0.12    | 0.11       | 23.08   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 4.29    | 4.09    | 4.04    | 4.14       | 3.21    | ppb   |
| Iron       | 57-2  | 3.75    | 3.57    | 4.54    | 3.96       | 13.04   | ppb   |
| Lead       | 206-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 156.23  | 165.39  | 148.43  | 156.68     | 5.42    | ppb   |
| Manganese  | 55-2  | 1.76    | 2.00    | 1.86    | 1.87       | 6.44    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:17:07 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 43.87   | ppb   |
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.01       | 71.60   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.01    | 0.00       | 2063.16 | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 87.12   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.00    | 0.02    | 0.01       | 116.94  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.35   | -0.39   | -0.30   | -0.34      |         | ppb   |
| Phosphorus | 31-2  | 36.35   | -15.49  | -2.59   | 6.09       | 443.09  | ppb   |
| Potassium  | 39-2  | 105.70  | 105.75  | 89.60   | 100.35     | 9.28    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 1.17    | -0.36   | 1.67    | 0.83       | 127.50  | ppb   |
| Selenium   | 82-1  | 0.08    | -0.03   | -0.06   | 0.00       |         | ppb   |
| Silicon    | 28-1  | 94.29   | 89.89   | 94.09   | 92.76      | 2.68    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 27.74   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.28    | ppb   |
| Sodium     | 23-2  | 1775.85 | 1788.84 | 1758.40 | 1774.36    | 0.86    | ppb   |
| Strontium  | 86-1  | 6.51    | 6.18    | 6.19    | 6.30       | 3.00    | ppb   |
| Strontium  | 88-1  | 6.36    | 6.42    | 6.38    | 6.39       | 0.51    | ppb   |
| Sulfur     | 34-1  | 17.68   | -203.39 | -140.07 | -108.59    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 180.49  | ppb   |
| Tin        | 118-1 | -0.13   | -0.13   | -0.10   | -0.12      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.03    | 0.06    | 0.03       | 73.52   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.00       | 99.97   | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.02    | 0.02    | 0.02       | 25.75   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 0.25    | 0.56    | 0.23    | 0.35       | 53.56   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.01    | 0.01       | 35.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:17:07 | DataFile Name :   | 084SMPL.d |

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

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV032              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV032              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 19:20:14 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51914.08  | 50917.34  | 49888.53  | 50906.65   | 1.99    | ppb   |
| Antimony   | 121-1 | 512.41    | 510.35    | 618.70    | 547.15     | 11.33   | ppb   |
| Arsenic    | 75-2  | 504.98    | 501.10    | 500.07    | 502.05     | 0.52    | ppb   |
| Barium     | 135-1 | 2573.50   | 2603.19   | 3135.11   | 2770.60    | 11.41   | ppb   |
| Barium     | 137-1 | 2550.54   | 2595.33   | 3083.61   | 2743.16    | 10.78   | ppb   |
| Beryllium  | 9-1   | 512.33    | 510.43    | 611.51    | 544.76     | 10.61   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 11-1  | 498.13    | 514.17    | 607.70    | 540.00     | 10.96   | ppb   |
| Boron      | 10-1  | 501.04    | 515.81    | 620.54    | 545.80     | 11.94   | ppb   |
| Cadmium    | 106-1 | 500.66    | 500.78    | 603.02    | 534.82     | 11.04   | ppb   |
| Cadmium    | 108-1 | 502.34    | 493.82    | 606.02    | 534.06     | 11.70   | ppb   |
| Cadmium    | 111-1 | 490.89    | 493.84    | 600.57    | 528.43     | 11.83   | ppb   |
| Calcium    | 43-1  | 244197.07 | 244228.52 | 290311.33 | 259578.97  | 10.25   | ppb   |
| Calcium    | 44-1  | 243279.34 | 244845.84 | 294556.63 | 260893.94  | 11.18   | ppb   |
| Chromium   | 52-2  | 512.63    | 510.52    | 498.18    | 507.11     | 1.54    | ppb   |
| Cobalt     | 59-2  | 500.92    | 498.83    | 489.59    | 496.44     | 1.21    | ppb   |
| Copper     | 63-2  | 1019.08   | 1005.90   | 979.74    | 1001.57    | 2.00    | 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 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 126609.69 | 127121.94 | 123896.94 | 125876.19  | 1.38    | ppb   |
| Iron       | 57-2  | 130030.36 | 128521.77 | 125419.11 | 127990.41  | 1.84    | ppb   |
| Lead       | 206-1 | 528.50    | 529.11    | 641.81    | 566.47     | 11.52   | ppb   |
| Lead       | 207-1 | 519.71    | 527.75    | 635.68    | 561.05     | 11.54   | ppb   |
| Lead       | 208-1 | 524.37    | 527.14    | 634.56    | 562.02     | 11.18   | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 256588.50 | 255994.36 | 250106.14 | 254229.66  | 1.41    | ppb   |
| Manganese  | 55-2  | 1020.07   | 1017.91   | 991.53    | 1009.84    | 1.57    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV032              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV032              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 19:20:14 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 98-1  | 521.12    | 519.18    | 624.28    | 554.86     | 10.84   | ppb   |
| Molybdenum | 94-1  | 518.42    | 521.88    | 617.79    | 552.70     | 10.20   | ppb   |
| Molybdenum | 95-1  | 520.64    | 522.27    | 620.31    | 554.41     | 10.30   | ppb   |
| Molybdenum | 96-1  | 518.58    | 520.73    | 632.33    | 557.21     | 11.68   | ppb   |
| Molybdenum | 97-1  | 516.47    | 518.07    | 623.46    | 552.67     | 11.09   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 502.12    | 494.60    | 484.72    | 493.82     | 1.77    | ppb   |
| Phosphorus | 31-2  | 11092.19  | 10871.05  | 10371.88  | 10778.38   | 3.42    | ppb   |
| Potassium  | 39-2  | 132208.28 | 128032.81 | 127281.07 | 129174.05  | 2.05    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 97         |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 77-2  | 474.19    | 473.86    | 457.38    | 468.48     | 2.05    | ppb   |
| Selenium   | 78-2  | 514.94    | 480.00    | 504.34    | 499.76     | 3.58    | ppb   |
| Selenium   | 82-1  | 500.25    | 500.92    | 597.89    | 533.02     | 10.54   | ppb   |
| Silicon    | 28-1  | 498.06    | 494.86    | 628.52    | 540.48     | 14.11   | ppb   |
| Silver     | 109-1 | 510.69    | 507.68    | 609.80    | 542.72     | 10.71   | ppb   |
| Silver     | 107-1 | 500.41    | 506.15    | 616.27    | 540.94     | 12.07   | ppb   |
| Sodium     | 23-2  | 260798.83 | 257324.02 | 249942.59 | 256021.82  | 2.17    | ppb   |
| Strontium  | 86-1  | 531.14    | 532.42    | 641.14    | 568.23     | 11.11   | ppb   |
| Strontium  | 88-1  | 525.16    | 533.43    | 632.42    | 563.67     | 10.59   | ppb   |
| Sulfur     | 34-1  | 12131.46  | 11974.29  | 17297.81  | 13801.19   | 21.95   | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 107        |         | %     |
| Thallium   | 203-1 | 527.48    | 531.23    | 629.75    | 562.82     | 10.30   | ppb   |
| Thallium   | 205-1 | 517.07    | 526.22    | 633.93    | 559.07     | 11.62   | ppb   |
| Tin        | 118-1 | 517.03    | 517.92    | 633.86    | 556.27     | 12.08   | ppb   |
| Titanium   | 47-1  | 506.84    | 503.06    | 608.29    | 539.40     | 11.07   | ppb   |
| Uranium    | 238-1 | 525.16    | 531.52    | 640.34    | 565.68     | 11.45   | ppb   |
| Vanadium   | 51-2  | 517.57    | 511.48    | 504.66    | 511.23     | 1.26    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 100        |         | %     |
| Zinc       | 66-2  | 1017.50   | 998.77    | 993.68    | 1003.32    | 1.25    | ppb   |
| Zirconium  | 90-1  | 517.78    | 516.74    | 618.68    | 551.06     | 10.63   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV032              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV032              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 19:20:14 | DataFile Name :   | 085CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 514.64  | 511.88  | 617.87  | 548.13     | 11.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB032              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB032              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 19:23:12 | DataFile Name :   | 086CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.59    | 1.55    | -1.17   | 0.66       | 239.88  | ppb   |
| Antimony   | 121-1 | 0.25    | 0.22    | 0.20    | 0.22       | 11.11   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.02   | 0.02    | 0.00       | 2771.48 | ppb   |
| Barium     | 135-1 | -0.03   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.09    | 0.07    | 0.06       | 49.48   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 11-1  | 10.15   | 8.66    | 8.06    | 8.96       | 11.97   | ppb   |
| Boron      | 10-1  | 9.54    | 8.83    | 8.41    | 8.93       | 6.42    | ppb   |
| Cadmium    | 106-1 | -3.02   | -2.58   | -2.62   | -2.74      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.03    | -0.08   | -0.01      |         | ppb   |
| Cadmium    | 111-1 | -0.19   | -0.16   | -0.16   | -0.17      |         | ppb   |
| Calcium    | 43-1  | 8.08    | -6.72   | -4.61   | -1.08      |         | ppb   |
| Calcium    | 44-1  | -19.27  | -20.91  | -24.01  | -21.40     |         | ppb   |
| Chromium   | 52-2  | 0.01    | -0.07   | 0.06    | 0.00       | 2293.23 | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.01    | 0.03    | 0.02       | 52.80   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 0.43    | 0.60    | 0.90    | 0.64       | 37.43   | ppb   |
| Iron       | 57-2  | -0.01   | 1.34    | 1.85    | 1.06       | 90.80   | ppb   |
| Lead       | 206-1 | -0.01   | 0.01    | 0.00    | 0.00       | 1266.54 | ppb   |
| Lead       | 207-1 | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.00    | 0.01       | 81.05   | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | -1.27   | 1.64    | 0.99    | 0.46       | 334.19  | ppb   |
| Manganese  | 55-2  | 0.04    | 0.01    | -0.01   | 0.02       | 159.21  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB032              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB032              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 19:23:12 | DataFile Name :   | 086CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 9.00    | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.04    | 0.04    | 0.04       | 7.89    | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.05    | 0.04    | 0.05       | 22.32   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.03    | 0.04    | 0.04       | 39.98   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.07    | 0.05    | 0.06       | 17.68   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.38   | -0.39   | -0.38   | -0.39      |         | ppb   |
| Phosphorus | 31-2  | -2.23   | 10.75   | -0.96   | 2.52       | 283.96  | ppb   |
| Potassium  | 39-2  | -4.66   | 8.75    | 11.70   | 5.26       | 165.68  | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | -2.16   | -2.16   | -2.16   | -2.16      |         | ppb   |
| Selenium   | 78-2  | 1.19    | 0.17    | -0.31   | 0.35       | 219.53  | ppb   |
| Selenium   | 82-1  | 0.44    | -0.42   | 0.14    | 0.05       | 815.10  | ppb   |
| Silicon    | 28-1  | -23.02  | -23.66  | -22.90  | -23.19     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.03    | 0.02       | 34.99   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.02    | 0.02       | 17.06   | ppb   |
| Sodium     | 23-2  | 51.15   | 43.74   | 53.05   | 49.31      | 9.98    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -584.92 | -622.88 | -808.29 | -672.03    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.09    | 0.06    | 0.08       | 23.27   | ppb   |
| Thallium   | 205-1 | 0.10    | 0.07    | 0.06    | 0.08       | 24.62   | ppb   |
| Tin        | 118-1 | 0.03    | 0.04    | 0.00    | 0.02       | 92.09   | ppb   |
| Titanium   | 47-1  | -0.03   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 134.98  | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.01    | 0.14    | 0.01    | 0.05       | 140.03  | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.04    | 0.04       | 7.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB032              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB032              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 19:23:12 | DataFile Name :   | 086CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.02    | 0.04    | 0.04       | 49.47   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:23:46 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 0       | 25      | 19      | 89.21  | cps   |
| Antimony   | 121-1 | 33      | 42      | 67      | 47      | 36.74  | cps   |
| Arsenic    | 75-2  | 6       | 2       | 2       | 3       | 69.39  | cps   |
| Barium     | 135-1 | 92      | 75      | 75      | 81      | 11.95  | cps   |
| Barium     | 137-1 | 92      | 50      | 50      | 64      | 37.66  | cps   |
| Beryllium  | 9-1   | 106     | 61      | 106     | 91      | 28.28  | cps   |
| Bismuth    | 209-1 | 4323481 | 4353451 | 4320522 | 4332485 | 0.42   | cps   |
| Bismuth    | 209-2 | 1606601 | 1598775 | 1629122 | 1611499 | 0.98   | cps   |
| Boron      | 11-1  | 917     | 733     | 992     | 881     | 15.09  | cps   |
| Boron      | 10-1  | 200     | 217     | 167     | 194     | 13.09  | cps   |
| Cadmium    | 106-1 | 2025    | 1834    | 1984    | 1947    | 5.18   | cps   |
| Cadmium    | 108-1 | 25      | 13      | 8       | 15      | 56.79  | cps   |
| Cadmium    | 111-1 | 1409    | 1279    | 1387    | 1358    | 5.11   | cps   |
| Calcium    | 43-1  | 2275    | 2517    | 2300    | 2364    | 5.62   | cps   |
| Calcium    | 44-1  | 58775   | 54850   | 56054   | 56560   | 3.55   | cps   |
| Chromium   | 52-2  | 1090    | 1140    | 967     | 1066    | 8.37   | cps   |
| Cobalt     | 59-2  | 67      | 43      | 53      | 54      | 21.51  | cps   |
| Copper     | 63-2  | 303     | 330     | 297     | 310     | 5.69   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 8       | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 7       | 10      | 0       | 6       | 91.64  | cps   |
| Erbium     | 164-1 | 17      | 17      | 58      | 31      | 78.72  | cps   |
| Erbium     | 164-2 | 0       | 7       | 13      | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 75      | 108     | 58      | 81      | 31.60  | cps   |
| Gadolinium | 160-2 | 13      | 17      | 0       | 10      | 88.20  | cps   |
| Holmium    | 165-1 | 7278697 | 7162309 | 7277050 | 7239352 | 0.92   | cps   |
| Holmium    | 165-2 | 2098830 | 2053866 | 2097445 | 2083380 | 1.23   | cps   |
| Indium     | 115-1 | 6742302 | 6654342 | 6715624 | 6704089 | 0.67   | cps   |
| Indium     | 115-2 | 385686  | 380872  | 389828  | 385462  | 1.16   | cps   |
| Iron       | 56-2  | 2578    | 2378    | 2361    | 2439    | 4.94   | cps   |
| Iron       | 57-2  | 67      | 78      | 56      | 67      | 16.66  | cps   |
| Lead       | 206-1 | 489     | 428     | 378     | 432     | 12.90  | cps   |
| Lead       | 207-1 | 383     | 378     | 450     | 404     | 9.96   | cps   |
| Lead       | 208-1 | 1778    | 1611    | 1606    | 1665    | 5.88   | cps   |
| Lithium    | 6-1   | 1140142 | 1153150 | 1145558 | 1146283 | 0.57   | cps   |
| Magnesium  | 24-2  | 200     | 183     | 175     | 186     | 6.84   | cps   |
| Manganese  | 55-2  | 70      | 80      | 43      | 64      | 29.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:23:46 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 33      | 108     | 50      | 64      | 61.65  | cps   |
| Molybdenum | 94-1  | 158     | 92      | 225     | 158     | 42.11  | cps   |
| Molybdenum | 95-1  | 42      | 50      | 92      | 61      | 43.83  | cps   |
| Molybdenum | 96-1  | 117     | 150     | 75      | 114     | 33.00  | cps   |
| Molybdenum | 97-1  | 67      | 33      | 75      | 58      | 37.80  | cps   |
| Neodymium  | 150-1 | 7       | 20      | 7       | 11      | 69.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 370     | 380     | 380     | 377     | 1.53   | cps   |
| Phosphorus | 31-2  | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Potassium  | 39-2  | 3926    | 3709    | 3684    | 3773    | 3.52   | cps   |
| Rhodium    | 103-1 | 6488771 | 6495949 | 6456944 | 6480555 | 0.32   | cps   |
| Rhodium    | 103-2 | 1970390 | 1969338 | 2018211 | 1985980 | 1.41   | cps   |
| Scandium   | 45-1  | 4385674 | 4396915 | 4432418 | 4405002 | 0.55   | cps   |
| Scandium   | 45-2  | 42612   | 42123   | 43574   | 42770   | 1.73   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 6       | 0       | 4       | 3       | 91.69  | cps   |
| Selenium   | 82-1  | -32     | -74     | -9      | -38     | -86.25 | cps   |
| Silicon    | 28-1  | 489308  | 496725  | 504534  | 496856  | 1.53   | cps   |
| Silver     | 109-1 | 75      | 67      | 17      | 53      | 59.77  | cps   |
| Silver     | 107-1 | 67      | 50      | 108     | 75      | 40.06  | cps   |
| Sodium     | 23-2  | 4751    | 4901    | 4768    | 4807    | 1.71   | cps   |
| Strontium  | 86-1  | 750     | 917     | 867     | 845     | 10.13  | cps   |
| Strontium  | 88-1  | 308     | 300     | 367     | 325     | 11.18  | cps   |
| Sulfur     | 34-1  | 425714  | 420947  | 423656  | 423439  | 0.56   | cps   |
| Terbium    | 159-1 | 7595085 | 7672270 | 7622923 | 7630092 | 0.51   | cps   |
| Terbium    | 159-2 | 2010801 | 1992970 | 2051159 | 2018310 | 1.48   | cps   |
| Thallium   | 203-1 | 25      | 83      | 83      | 64      | 52.72  | cps   |
| Thallium   | 205-1 | 133     | 42      | 117     | 97      | 50.22  | cps   |
| Tin        | 118-1 | 1308    | 1442    | 1584    | 1445    | 9.52   | cps   |
| Titanium   | 47-1  | 258     | 200     | 142     | 200     | 29.17  | cps   |
| Uranium    | 238-1 | 75      | 50      | 100     | 75      | 33.33  | cps   |
| Vanadium   | 51-2  | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Yttrium    | 89-1  | 7248844 | 7356031 | 7451939 | 7352271 | 1.38   | cps   |
| Yttrium    | 89-2  | 285931  | 282645  | 288704  | 285760  | 1.06   | cps   |
| Zinc       | 66-2  | 73      | 37      | 57      | 56      | 33.04  | cps   |
| Zirconium  | 90-1  | 467     | 425     | 442     | 444     | 4.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:23:46 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 142  | 108  | 125     | 13.33  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:30:43 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 175     | 183     | 200     | 186     | 6.84   | cps   |
| Antimony   | 121-1 | 16828   | 17370   | 17078   | 17092   | 1.59   | cps   |
| Arsenic    | 75-2  | 120     | 146     | 120     | 129     | 11.60  | cps   |
| Barium     | 135-1 | 17487   | 18388   | 18263   | 18046   | 2.70   | cps   |
| Barium     | 137-1 | 31238   | 30611   | 30244   | 30698   | 1.64   | cps   |
| Beryllium  | 9-1   | 1495    | 1706    | 1378    | 1526    | 10.89  | cps   |
| Bismuth    | 209-1 | 4334182 | 4398197 | 4348435 | 4360271 | 0.77   | cps   |
| Bismuth    | 209-2 | 1620029 | 1618310 | 1624784 | 1621041 | 0.21   | cps   |
| Boron      | 11-1  | 18229   | 18713   | 19180   | 18707   | 2.54   | cps   |
| Boron      | 10-1  | 3776    | 4226    | 4459    | 4154    | 8.37   | cps   |
| Cadmium    | 106-1 | 1850    | 2067    | 1950    | 1956    | 5.55   | cps   |
| Cadmium    | 108-1 | 179     | 183     | 146     | 169     | 12.13  | cps   |
| Cadmium    | 111-1 | 3278    | 3248    | 3084    | 3203    | 3.26   | cps   |
| Calcium    | 43-1  | 13398   | 13040   | 12765   | 13068   | 2.43   | cps   |
| Calcium    | 44-1  | 231430  | 232122  | 230204  | 231252  | 0.42   | cps   |
| Chromium   | 52-2  | 3511    | 3460    | 3534    | 3502    | 1.07   | cps   |
| Cobalt     | 59-2  | 2310    | 2334    | 2487    | 2377    | 4.04   | cps   |
| Copper     | 63-2  | 4848    | 4984    | 5008    | 4947    | 1.75   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 0       | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 7       | 10      | 27      | 14      | 74.18  | cps   |
| Gadolinium | 160-1 | 117     | 67      | 33      | 72      | 58.07  | cps   |
| Gadolinium | 160-2 | 17      | 7       | 7       | 10      | 57.72  | cps   |
| Holmium    | 165-1 | 7287081 | 7451836 | 7216344 | 7318420 | 1.65   | cps   |
| Holmium    | 165-2 | 2136089 | 2124976 | 2142387 | 2134484 | 0.41   | cps   |
| Indium     | 115-1 | 6805771 | 6729996 | 6661849 | 6732539 | 1.07   | cps   |
| Indium     | 115-2 | 391036  | 388861  | 390092  | 389997  | 0.28   | cps   |
| Iron       | 56-2  | 40292   | 39167   | 40103   | 39854   | 1.51   | cps   |
| Iron       | 57-2  | 1133    | 828     | 1050    | 1004    | 15.74  | cps   |
| Lead       | 206-1 | 6797    | 6930    | 6507    | 6745    | 3.20   | cps   |
| Lead       | 207-1 | 5907    | 5968    | 5802    | 5892    | 1.43   | cps   |
| Lead       | 208-1 | 26962   | 26862   | 26161   | 26662   | 1.64   | cps   |
| Lithium    | 6-1   | 1128430 | 1121895 | 1125689 | 1125338 | 0.29   | cps   |
| Magnesium  | 24-2  | 18947   | 19714   | 18955   | 19205   | 2.29   | cps   |
| Manganese  | 55-2  | 380     | 433     | 413     | 409     | 6.59   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:30:43 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 30469   | 30827   | 30794   | 30697   | 0.65   | cps   |
| Molybdenum | 94-1  | 15660   | 15409   | 15743   | 15604   | 1.11   | cps   |
| Molybdenum | 95-1  | 19390   | 19882   | 18914   | 19395   | 2.50   | cps   |
| Molybdenum | 96-1  | 21326   | 22186   | 20975   | 21496   | 2.90   | cps   |
| Molybdenum | 97-1  | 11706   | 12089   | 12540   | 12112   | 3.45   | cps   |
| Neodymium  | 150-1 | 0       | 13      | 7       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1027    | 1037    | 1120    | 1061    | 4.83   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 15901   | 15734   | 15643   | 15759   | 0.83   | cps   |
| Rhodium    | 103-1 | 6519342 | 6540544 | 6571834 | 6543907 | 0.40   | cps   |
| Rhodium    | 103-2 | 2018001 | 2029509 | 2033499 | 2027003 | 0.40   | cps   |
| Scandium   | 45-1  | 4416862 | 4416446 | 4400321 | 4411210 | 0.21   | cps   |
| Scandium   | 45-2  | 43400   | 42641   | 42829   | 42957   | 0.92   | cps   |
| Selenium   | 77-2  | 7       | 0       | 10      | 6       | 91.64  | cps   |
| Selenium   | 78-2  | 28      | 17      | 11      | 19      | 45.83  | cps   |
| Selenium   | 82-1  | 631     | 548     | 544     | 574     | 8.56   | cps   |
| Silicon    | 28-1  | 540625  | 545366  | 542132  | 542708  | 0.45   | cps   |
| Silver     | 109-1 | 12306   | 12548   | 12506   | 12454   | 1.04   | cps   |
| Silver     | 107-1 | 12348   | 12998   | 12757   | 12701   | 2.59   | cps   |
| Sodium     | 23-2  | 51611   | 52013   | 52021   | 51882   | 0.45   | cps   |
| Strontium  | 86-1  | 3542    | 3617    | 3392    | 3517    | 3.26   | cps   |
| Strontium  | 88-1  | 23262   | 23079   | 23045   | 23129   | 0.51   | cps   |
| Sulfur     | 34-1  | 423294  | 428037  | 421430  | 424253  | 0.80   | cps   |
| Terbium    | 159-1 | 7684226 | 7652613 | 7584839 | 7640559 | 0.66   | cps   |
| Terbium    | 159-2 | 2084869 | 2064043 | 2068920 | 2072611 | 0.53   | cps   |
| Thallium   | 203-1 | 6118    | 6168    | 5376    | 5888    | 7.53   | cps   |
| Thallium   | 205-1 | 13758   | 14225   | 14075   | 14020   | 1.70   | cps   |
| Tin        | 118-1 | 34629   | 33802   | 33735   | 34055   | 1.46   | cps   |
| Titanium   | 47-1  | 5935    | 5560    | 6068    | 5854    | 4.50   | cps   |
| Uranium    | 238-1 | 16921   | 18055   | 17071   | 17349   | 3.55   | cps   |
| Vanadium   | 51-2  | 3851    | 4001    | 4191    | 4014    | 4.25   | cps   |
| Yttrium    | 89-1  | 7343266 | 7375001 | 7336550 | 7351606 | 0.28   | cps   |
| Yttrium    | 89-2  | 292837  | 291094  | 292254  | 292062  | 0.30   | cps   |
| Zinc       | 66-2  | 420     | 427     | 373     | 407     | 7.15   | cps   |
| Zirconium  | 90-1  | 13482   | 13491   | 14125   | 13699   | 2.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:30:43 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3201 | 3076 | 3126 | 3134    | 2.01   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:34:12 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8703    | 8962    | 8795    | 8820    | 1.49   | cps   |
| Antimony   | 121-1 | 482849  | 489796  | 485120  | 485922  | 0.73   | cps   |
| Arsenic    | 75-2  | 7384    | 7308    | 7369    | 7353    | 0.55   | cps   |
| Barium     | 135-1 | 497681  | 500928  | 504271  | 500960  | 0.66   | cps   |
| Barium     | 137-1 | 865980  | 874519  | 866435  | 868978  | 0.55   | cps   |
| Beryllium  | 9-1   | 77731   | 76234   | 77916   | 77294   | 1.19   | cps   |
| Bismuth    | 209-1 | 4372079 | 4361996 | 4371363 | 4368479 | 0.13   | cps   |
| Bismuth    | 209-2 | 1669048 | 1644255 | 1649147 | 1654150 | 0.79   | cps   |
| Boron      | 11-1  | 41553   | 41486   | 41695   | 41578   | 0.26   | cps   |
| Boron      | 10-1  | 9028    | 8878    | 9178    | 9028    | 1.66   | cps   |
| Cadmium    | 106-1 | 13699   | 13349   | 12865   | 13304   | 3.15   | cps   |
| Cadmium    | 108-1 | 7794    | 7877    | 7961    | 7877    | 1.06   | cps   |
| Cadmium    | 111-1 | 111521  | 110734  | 109661  | 110639  | 0.84   | cps   |
| Calcium    | 43-1  | 121616  | 122422  | 120758  | 121598  | 0.68   | cps   |
| Calcium    | 44-1  | 2062599 | 2017382 | 2008801 | 2029594 | 1.42   | cps   |
| Chromium   | 52-2  | 63986   | 63473   | 64866   | 64108   | 1.10   | cps   |
| Cobalt     | 59-2  | 131439  | 133361  | 131796  | 132199  | 0.77   | cps   |
| Copper     | 63-2  | 226486  | 227022  | 224971  | 226160  | 0.47   | cps   |
| Dysprosium | 156-1 | 33      | 42      | 17      | 31      | 41.66  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Erbium     | 164-2 | 3       | 7       | 13      | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 42      | 58      | 75      | 58      | 28.57  | cps   |
| Gadolinium | 160-2 | 7       | 20      | 17      | 14      | 48.02  | cps   |
| Holmium    | 165-1 | 7315523 | 7277731 | 7374095 | 7322450 | 0.66   | cps   |
| Holmium    | 165-2 | 2184598 | 2133926 | 2122355 | 2146959 | 1.54   | cps   |
| Indium     | 115-1 | 6732152 | 6717328 | 6705462 | 6718314 | 0.20   | cps   |
| Indium     | 115-2 | 397628  | 394585  | 393900  | 395371  | 0.50   | cps   |
| Iron       | 56-2  | 2165517 | 2152822 | 2136255 | 2151531 | 0.68   | cps   |
| Iron       | 57-2  | 53352   | 53240   | 53291   | 53295   | 0.11   | cps   |
| Lead       | 206-1 | 256607  | 258214  | 255572  | 256798  | 0.52   | cps   |
| Lead       | 207-1 | 234451  | 235317  | 236030  | 235266  | 0.34   | cps   |
| Lead       | 208-1 | 1044508 | 1050243 | 1048548 | 1047766 | 0.28   | cps   |
| Lithium    | 6-1   | 1142068 | 1125999 | 1135040 | 1134369 | 0.71   | cps   |
| Magnesium  | 24-2  | 216845  | 212280  | 216211  | 215112  | 1.15   | cps   |
| Manganese  | 55-2  | 36668   | 35729   | 36006   | 36135   | 1.34   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:34:12 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 349631  | 348571  | 346514  | 348239  | 0.46   | cps   |
| Molybdenum | 94-1  | 405563  | 401340  | 404071  | 403658  | 0.53   | cps   |
| Molybdenum | 95-1  | 216926  | 217117  | 220759  | 218267  | 0.99   | cps   |
| Molybdenum | 96-1  | 275442  | 276820  | 277112  | 276458  | 0.32   | cps   |
| Molybdenum | 97-1  | 136044  | 134091  | 134084  | 134740  | 0.84   | cps   |
| Neodymium  | 150-1 | 27      | 53      | 27      | 36      | 43.30  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 38891   | 39342   | 38212   | 38815   | 1.47   | cps   |
| Phosphorus | 31-2  | 583     | 700     | 742     | 675     | 12.16  | cps   |
| Potassium  | 39-2  | 72411   | 71541   | 73225   | 72392   | 1.16   | cps   |
| Rhodium    | 103-1 | 6528377 | 6424499 | 6424541 | 6459139 | 0.93   | cps   |
| Rhodium    | 103-2 | 2058843 | 2022856 | 2019641 | 2033780 | 1.07   | cps   |
| Scandium   | 45-1  | 4422939 | 4365694 | 4395661 | 4394765 | 0.65   | cps   |
| Scandium   | 45-2  | 44564   | 43785   | 43771   | 44040   | 1.03   | cps   |
| Selenium   | 77-2  | 47      | 50      | 73      | 57      | 25.64  | cps   |
| Selenium   | 78-2  | 159     | 183     | 189     | 177     | 8.89   | cps   |
| Selenium   | 82-1  | 7235    | 6993    | 6883    | 7037    | 2.56   | cps   |
| Silicon    | 28-1  | 792551  | 781471  | 780774  | 784932  | 0.84   | cps   |
| Silver     | 109-1 | 517964  | 519831  | 518502  | 518766  | 0.19   | cps   |
| Silver     | 107-1 | 549654  | 544086  | 555225  | 549655  | 1.01   | cps   |
| Sodium     | 23-2  | 531818  | 529842  | 527125  | 529595  | 0.44   | cps   |
| Strontium  | 86-1  | 142823  | 142278  | 139980  | 141694  | 1.06   | cps   |
| Strontium  | 88-1  | 1232883 | 1219409 | 1218417 | 1223569 | 0.66   | cps   |
| Sulfur     | 34-1  | 468697  | 465685  | 467466  | 467282  | 0.32   | cps   |
| Terbium    | 159-1 | 7767271 | 7701197 | 7751978 | 7740149 | 0.45   | cps   |
| Terbium    | 159-2 | 2103462 | 2074514 | 2085596 | 2087858 | 0.70   | cps   |
| Thallium   | 203-1 | 321491  | 320248  | 319444  | 320394  | 0.32   | cps   |
| Thallium   | 205-1 | 764715  | 763860  | 750618  | 759731  | 1.04   | cps   |
| Tin        | 118-1 | 339410  | 338593  | 339988  | 339330  | 0.21   | cps   |
| Titanium   | 47-1  | 64424   | 63151   | 64742   | 64106   | 1.31   | cps   |
| Uranium    | 238-1 | 958968  | 970629  | 959766  | 963121  | 0.68   | cps   |
| Vanadium   | 51-2  | 46831   | 45370   | 45694   | 45965   | 1.67   | cps   |
| Yttrium    | 89-1  | 7421000 | 7264845 | 7309668 | 7331838 | 1.10   | cps   |
| Yttrium    | 89-2  | 294083  | 293537  | 292097  | 293239  | 0.35   | cps   |
| Zinc       | 66-2  | 20792   | 20475   | 20238   | 20502   | 1.36   | cps   |
| Zirconium  | 90-1  | 777781  | 769649  | 774187  | 773872  | 0.53   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:34:12 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 173880 | 170110 | 174412 | 172801  | 1.36   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:37:40 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 21742   | 21767   | 21208   | 21573   | 1.46   | cps   |
| Antimony   | 121-1 | 1223354 | 1219399 | 1236046 | 1226267 | 0.71   | cps   |
| Arsenic    | 75-2  | 18164   | 17897   | 17932   | 17998   | 0.81   | cps   |
| Barium     | 135-1 | 1265897 | 1259055 | 1271213 | 1265388 | 0.48   | cps   |
| Barium     | 137-1 | 2213704 | 2208385 | 2198631 | 2206907 | 0.35   | cps   |
| Beryllium  | 9-1   | 191232  | 191495  | 190826  | 191184  | 0.18   | cps   |
| Bismuth    | 209-1 | 4450647 | 4428651 | 4363178 | 4414159 | 1.03   | cps   |
| Bismuth    | 209-2 | 1648259 | 1634959 | 1623607 | 1635608 | 0.75   | cps   |
| Boron      | 11-1  | 103480  | 103220  | 107753  | 104818  | 2.43   | cps   |
| Boron      | 10-1  | 22435   | 21967   | 22226   | 22210   | 1.05   | cps   |
| Cadmium    | 106-1 | 30561   | 30970   | 30644   | 30725   | 0.70   | cps   |
| Cadmium    | 108-1 | 19005   | 19468   | 18801   | 19092   | 1.79   | cps   |
| Cadmium    | 111-1 | 279422  | 277137  | 277851  | 278137  | 0.42   | cps   |
| Calcium    | 43-1  | 299976  | 300266  | 302129  | 300790  | 0.39   | cps   |
| Calcium    | 44-1  | 4862690 | 4923773 | 4849044 | 4878502 | 0.82   | cps   |
| Chromium   | 52-2  | 155438  | 154009  | 153827  | 154425  | 0.57   | cps   |
| Cobalt     | 59-2  | 324328  | 323100  | 320404  | 322611  | 0.62   | cps   |
| Copper     | 63-2  | 557306  | 550849  | 552516  | 553557  | 0.61   | cps   |
| Dysprosium | 156-1 | 17      | 58      | 25      | 33      | 66.14  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 33      | 33      | 33      | 0.02   | cps   |
| Erbium     | 164-2 | 13      | 0       | 10      | 8       | 89.21  | cps   |
| Gadolinium | 160-1 | 58      | 108     | 83      | 83      | 30.00  | cps   |
| Gadolinium | 160-2 | 17      | 13      | 17      | 16      | 12.40  | cps   |
| Holmium    | 165-1 | 7468783 | 7495796 | 7451736 | 7472105 | 0.30   | cps   |
| Holmium    | 165-2 | 2144308 | 2135713 | 2098440 | 2126154 | 1.15   | cps   |
| Indium     | 115-1 | 6794615 | 6643804 | 6660184 | 6699534 | 1.24   | cps   |
| Indium     | 115-2 | 389472  | 385022  | 389955  | 388149  | 0.70   | cps   |
| Iron       | 56-2  | 5292843 | 5185852 | 5174283 | 5217660 | 1.25   | cps   |
| Iron       | 57-2  | 130582  | 131811  | 129799  | 130731  | 0.78   | cps   |
| Lead       | 206-1 | 653163  | 662415  | 661313  | 658964  | 0.77   | cps   |
| Lead       | 207-1 | 597025  | 595958  | 605742  | 599575  | 0.90   | cps   |
| Lead       | 208-1 | 2661212 | 2678440 | 2687339 | 2675664 | 0.50   | cps   |
| Lithium    | 6-1   | 1136242 | 1134370 | 1130719 | 1133777 | 0.25   | cps   |
| Magnesium  | 24-2  | 534226  | 529859  | 529668  | 531251  | 0.49   | cps   |
| Manganese  | 55-2  | 88535   | 89655   | 88129   | 88773   | 0.89   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:37:40 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 878355  | 872564  | 871137  | 874019  | 0.44   | cps   |
| Molybdenum | 94-1  | 1028591 | 1021866 | 1025525 | 1025327 | 0.33   | cps   |
| Molybdenum | 95-1  | 552131  | 548849  | 549115  | 550032  | 0.33   | cps   |
| Molybdenum | 96-1  | 702081  | 699380  | 703736  | 701732  | 0.31   | cps   |
| Molybdenum | 97-1  | 336312  | 341651  | 336408  | 338124  | 0.90   | cps   |
| Neodymium  | 150-1 | 33      | 53      | 87      | 58      | 46.64  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 95729   | 94088   | 92968   | 94262   | 1.47   | cps   |
| Phosphorus | 31-2  | 1533    | 1642    | 1392    | 1522    | 8.24   | cps   |
| Potassium  | 39-2  | 173541  | 170739  | 170882  | 171720  | 0.92   | cps   |
| Rhodium    | 103-1 | 6479902 | 6471044 | 6435580 | 6462175 | 0.36   | cps   |
| Rhodium    | 103-2 | 1994071 | 1994026 | 1988419 | 1992172 | 0.16   | cps   |
| Scandium   | 45-1  | 4428048 | 4432851 | 4360670 | 4407190 | 0.92   | cps   |
| Scandium   | 45-2  | 43280   | 43434   | 43043   | 43252   | 0.46   | cps   |
| Selenium   | 77-2  | 157     | 130     | 197     | 161     | 20.83  | cps   |
| Selenium   | 78-2  | 470     | 456     | 446     | 457     | 2.65   | cps   |
| Selenium   | 82-1  | 17366   | 17167   | 17715   | 17416   | 1.59   | cps   |
| Silicon    | 28-1  | 1079597 | 1058972 | 1076811 | 1071794 | 1.04   | cps   |
| Silver     | 109-1 | 1306877 | 1319084 | 1300782 | 1308914 | 0.71   | cps   |
| Silver     | 107-1 | 1381888 | 1367205 | 1376647 | 1375247 | 0.54   | cps   |
| Sodium     | 23-2  | 1357310 | 1338522 | 1320822 | 1338885 | 1.36   | cps   |
| Strontium  | 86-1  | 354057  | 359064  | 349618  | 354246  | 1.33   | cps   |
| Strontium  | 88-1  | 3069765 | 3114172 | 3109172 | 3097703 | 0.79   | cps   |
| Sulfur     | 34-1  | 525042  | 524106  | 519773  | 522974  | 0.54   | cps   |
| Terbium    | 159-1 | 7884523 | 7729552 | 7759177 | 7791084 | 1.06   | cps   |
| Terbium    | 159-2 | 2086898 | 2065155 | 2045996 | 2066016 | 0.99   | cps   |
| Thallium   | 203-1 | 812954  | 823201  | 815876  | 817344  | 0.65   | cps   |
| Thallium   | 205-1 | 1951715 | 1958809 | 1943891 | 1951472 | 0.38   | cps   |
| Tin        | 118-1 | 865119  | 858036  | 866800  | 863318  | 0.54   | cps   |
| Titanium   | 47-1  | 161776  | 159145  | 157973  | 159631  | 1.22   | cps   |
| Uranium    | 238-1 | 2492210 | 2521963 | 2495739 | 2503304 | 0.65   | cps   |
| Vanadium   | 51-2  | 113777  | 114321  | 114261  | 114120  | 0.26   | cps   |
| Yttrium    | 89-1  | 7442490 | 7344237 | 7297923 | 7361550 | 1.00   | cps   |
| Yttrium    | 89-2  | 292724  | 288129  | 288372  | 289741  | 0.89   | cps   |
| Zinc       | 66-2  | 50589   | 49960   | 49940   | 50163   | 0.74   | cps   |
| Zirconium  | 90-1  | 1985524 | 1974308 | 1991984 | 1983939 | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:37:40 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 436651 | 436397 | 436836 | 436628  | 0.05   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 11:41:02 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 43309    | 43668    | 43150    | 43376    | 0.61   | cps   |
| Antimony   | 121-1 | 2509820  | 2471435  | 2486991  | 2489415  | 0.78   | cps   |
| Arsenic    | 75-2  | 35707    | 35804    | 35239    | 35583    | 0.85   | cps   |
| Barium     | 135-1 | 2597291  | 2603263  | 2655722  | 2618758  | 1.23   | cps   |
| Barium     | 137-1 | 4462581  | 4475222  | 4511384  | 4483062  | 0.56   | cps   |
| Beryllium  | 9-1   | 382527   | 382446   | 383991   | 382988   | 0.23   | cps   |
| Bismuth    | 209-1 | 4581377  | 4495331  | 4531640  | 4536116  | 0.95   | cps   |
| Bismuth    | 209-2 | 1630018  | 1615975  | 1400381  | 1548792  | 8.31   | cps   |
| Boron      | 11-1  | 204598   | 206488   | 209440   | 206842   | 1.18   | cps   |
| Boron      | 10-1  | 43851    | 45482    | 44913    | 44749    | 1.85   | cps   |
| Cadmium    | 106-1 | 59357    | 59675    | 60077    | 59703    | 0.60   | cps   |
| Cadmium    | 108-1 | 39303    | 38722    | 39621    | 39216    | 1.16   | cps   |
| Cadmium    | 111-1 | 551312   | 552607   | 552191   | 552036   | 0.12   | cps   |
| Calcium    | 43-1  | 595069   | 586627   | 599938   | 593878   | 1.13   | cps   |
| Calcium    | 44-1  | 9700274  | 9657251  | 9584479  | 9647335  | 0.61   | cps   |
| Chromium   | 52-2  | 303985   | 304054   | 307875   | 305305   | 0.73   | cps   |
| Cobalt     | 59-2  | 640244   | 633961   | 635445   | 636550   | 0.52   | cps   |
| Copper     | 63-2  | 1095764  | 1090044  | 1090450  | 1092086  | 0.29   | cps   |
| Dysprosium | 156-1 | 58       | 33       | 33       | 42       | 34.65  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 58       | 17       | 25       | 33       | 66.14  | cps   |
| Erbium     | 164-2 | 10       | 7        | 10       | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 92       | 92       | 58       | 81       | 23.89  | cps   |
| Gadolinium | 160-2 | 17       | 13       | 13       | 14       | 13.35  | cps   |
| Holmium    | 165-1 | 7691406  | 7574654  | 7616357  | 7627472  | 0.78   | cps   |
| Holmium    | 165-2 | 2161879  | 2124577  | 1816013  | 2034156  | 9.33   | cps   |
| Indium     | 115-1 | 6712095  | 6769087  | 6664036  | 6715073  | 0.78   | cps   |
| Indium     | 115-2 | 386071   | 378278   | 326230   | 363526   | 8.95   | cps   |
| Iron       | 56-2  | 10192603 | 10311076 | 10284817 | 10262832 | 0.61   | cps   |
| Iron       | 57-2  | 259422   | 255245   | 260113   | 258260   | 1.02   | cps   |
| Lead       | 206-1 | 1350709  | 1326483  | 1339265  | 1338819  | 0.91   | cps   |
| Lead       | 207-1 | 1219717  | 1205678  | 1220693  | 1215363  | 0.69   | cps   |
| Lead       | 208-1 | 5524351  | 5476487  | 5537958  | 5512932  | 0.59   | cps   |
| Lithium    | 6-1   | 1151075  | 1156466  | 1149272  | 1152271  | 0.32   | cps   |
| Magnesium  | 24-2  | 1072447  | 1060083  | 1067760  | 1066764  | 0.59   | cps   |
| Manganese  | 55-2  | 174397   | 173880   | 174558   | 174278   | 0.20   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:41:02 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 1766585 | 1779513 | 1802180 | 1782759 | 1.01   | cps   |
| Molybdenum | 94-1  | 2051960 | 2089178 | 2063559 | 2068232 | 0.92   | cps   |
| Molybdenum | 95-1  | 1100461 | 1105190 | 1101961 | 1102537 | 0.22   | cps   |
| Molybdenum | 96-1  | 1437498 | 1413375 | 1430670 | 1427181 | 0.87   | cps   |
| Molybdenum | 97-1  | 674622  | 676424  | 680512  | 677186  | 0.45   | cps   |
| Neodymium  | 150-1 | 107     | 133     | 67      | 102     | 32.83  | cps   |
| Neodymium  | 150-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Nickel     | 60-2  | 184548  | 188690  | 186008  | 186415  | 1.13   | cps   |
| Phosphorus | 31-2  | 3126    | 3276    | 3259    | 3220    | 2.55   | cps   |
| Potassium  | 39-2  | 337738  | 333611  | 331728  | 334359  | 0.92   | cps   |
| Rhodium    | 103-1 | 6489136 | 6398571 | 6488489 | 6458732 | 0.81   | cps   |
| Rhodium    | 103-2 | 1980945 | 1940868 | 1705755 | 1875856 | 7.93   | cps   |
| Scandium   | 45-1  | 4357182 | 4285017 | 4392190 | 4344796 | 1.26   | cps   |
| Scandium   | 45-2  | 43367   | 42237   | 36966   | 40857   | 8.36   | cps   |
| Selenium   | 77-2  | 227     | 307     | 207     | 247     | 21.45  | cps   |
| Selenium   | 78-2  | 887     | 880     | 889     | 885     | 0.55   | cps   |
| Selenium   | 82-1  | 35228   | 34937   | 35277   | 35147   | 0.52   | cps   |
| Silicon    | 28-1  | 1638766 | 1632704 | 1642081 | 1637851 | 0.29   | cps   |
| Silver     | 109-1 | 2642895 | 2672148 | 2686818 | 2667287 | 0.84   | cps   |
| Silver     | 107-1 | 2832364 | 2767855 | 2766898 | 2789039 | 1.35   | cps   |
| Sodium     | 23-2  | 2649205 | 2627797 | 2650633 | 2642545 | 0.48   | cps   |
| Strontium  | 86-1  | 699468  | 702131  | 706824  | 702808  | 0.53   | cps   |
| Strontium  | 88-1  | 6149650 | 6021995 | 6096889 | 6089511 | 1.05   | cps   |
| Sulfur     | 34-1  | 608751  | 609689  | 609889  | 609443  | 0.10   | cps   |
| Terbium    | 159-1 | 7983093 | 7909908 | 8016881 | 7969961 | 0.69   | cps   |
| Terbium    | 159-2 | 2085086 | 2063587 | 1761793 | 1970155 | 9.18   | cps   |
| Thallium   | 203-1 | 1673756 | 1646920 | 1670141 | 1663606 | 0.88   | cps   |
| Thallium   | 205-1 | 4055109 | 3983604 | 3955377 | 3998030 | 1.29   | cps   |
| Tin        | 118-1 | 1747006 | 1755996 | 1742589 | 1748530 | 0.39   | cps   |
| Titanium   | 47-1  | 316976  | 316531  | 318862  | 317456  | 0.39   | cps   |
| Uranium    | 238-1 | 5080999 | 5071421 | 5111274 | 5087898 | 0.41   | cps   |
| Vanadium   | 51-2  | 226061  | 223372  | 223799  | 224411  | 0.64   | cps   |
| Yttrium    | 89-1  | 7404147 | 7374785 | 7310707 | 7363213 | 0.65   | cps   |
| Yttrium    | 89-2  | 287840  | 281431  | 244458  | 271243  | 8.63   | cps   |
| Zinc       | 66-2  | 98550   | 97489   | 97899   | 97980   | 0.55   | cps   |
| Zirconium  | 90-1  | 3926959 | 3909205 | 3927112 | 3921092 | 0.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:41:02 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 878170 | 872832 | 875313 | 875438  | 0.31   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:44:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 82314    | 81057    | 81912    | 81761    | 0.78   | cps   |
| Antimony   | 121-1 | 4998074  | 4978632  | 5036289  | 5004332  | 0.59   | cps   |
| Arsenic    | 75-2  | 68893    | 68608    | 68452    | 68651    | 0.33   | cps   |
| Barium     | 135-1 | 5201285  | 5251829  | 5292042  | 5248385  | 0.87   | cps   |
| Barium     | 137-1 | 8932928  | 9068723  | 9030586  | 9010746  | 0.78   | cps   |
| Beryllium  | 9-1   | 772811   | 757115   | 766291   | 765406   | 1.03   | cps   |
| Bismuth    | 209-1 | 4710423  | 4803519  | 4792193  | 4768712  | 1.07   | cps   |
| Bismuth    | 209-2 | 1582455  | 1589308  | 1596735  | 1589499  | 0.45   | cps   |
| Boron      | 11-1  | 415188   | 419638   | 420962   | 418596   | 0.72   | cps   |
| Boron      | 10-1  | 88666    | 90334    | 91206    | 90068    | 1.43   | cps   |
| Cadmium    | 106-1 | 118107   | 117550   | 116214   | 117290   | 0.83   | cps   |
| Cadmium    | 108-1 | 77438    | 80007    | 78007    | 78484    | 1.72   | cps   |
| Cadmium    | 111-1 | 1104561  | 1100547  | 1117208  | 1107439  | 0.79   | cps   |
| Calcium    | 43-1  | 1180744  | 1169369  | 1184128  | 1178080  | 0.66   | cps   |
| Calcium    | 44-1  | 19071596 | 18970838 | 19017994 | 19020143 | 0.27   | cps   |
| Chromium   | 52-2  | 584366   | 581056   | 580959   | 582127   | 0.33   | cps   |
| Cobalt     | 59-2  | 1213075  | 1219940  | 1216989  | 1216668  | 0.28   | cps   |
| Copper     | 63-2  | 2106085  | 2098829  | 2098320  | 2101078  | 0.21   | cps   |
| Dysprosium | 156-1 | 83       | 83       | 83       | 83       | 0.00   | cps   |
| Dysprosium | 156-2 | 20       | 17       | 17       | 18       | 10.81  | cps   |
| Erbium     | 164-1 | 8        | 33       | 50       | 31       | 68.64  | cps   |
| Erbium     | 164-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Gadolinium | 160-1 | 100      | 133      | 108      | 114      | 15.23  | cps   |
| Gadolinium | 160-2 | 37       | 23       | 20       | 27       | 33.08  | cps   |
| Holmium    | 165-1 | 7977192  | 8025765  | 7951632  | 7984863  | 0.47   | cps   |
| Holmium    | 165-2 | 2082718  | 2089245  | 2082742  | 2084902  | 0.18   | cps   |
| Indium     | 115-1 | 6844337  | 6845333  | 6876163  | 6855278  | 0.26   | cps   |
| Indium     | 115-2 | 361211   | 364520   | 358786   | 361506   | 0.80   | cps   |
| Iron       | 56-2  | 19640682 | 19627715 | 19674001 | 19647466 | 0.12   | cps   |
| Iron       | 57-2  | 495391   | 495497   | 494565   | 495151   | 0.10   | cps   |
| Lead       | 206-1 | 2792335  | 2857358  | 2829855  | 2826516  | 1.15   | cps   |
| Lead       | 207-1 | 2615558  | 2636113  | 2618123  | 2623265  | 0.43   | cps   |
| Lead       | 208-1 | 11477634 | 11576648 | 11609753 | 11554678 | 0.59   | cps   |
| Lithium    | 6-1   | 1161069  | 1157742  | 1151715  | 1156842  | 0.41   | cps   |
| Magnesium  | 24-2  | 2085492  | 2066859  | 2100782  | 2084378  | 0.82   | cps   |
| Manganese  | 55-2  | 330622   | 329584   | 327949   | 329385   | 0.41   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:44:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3539389  | 3584379  | 3600942  | 3574903  | 0.89   | cps   |
| Molybdenum | 94-1  | 4113698  | 4122063  | 4120865  | 4118875  | 0.11   | cps   |
| Molybdenum | 95-1  | 2258462  | 2270574  | 2287740  | 2272259  | 0.65   | cps   |
| Molybdenum | 96-1  | 2868743  | 2885710  | 2876557  | 2877003  | 0.30   | cps   |
| Molybdenum | 97-1  | 1351215  | 1362368  | 1357853  | 1357145  | 0.41   | cps   |
| Neodymium  | 150-1 | 147      | 193      | 140      | 160      | 18.16  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 355936   | 353429   | 354284   | 354550   | 0.36   | cps   |
| Phosphorus | 31-2  | 6127     | 5801     | 5585     | 5838     | 4.67   | cps   |
| Potassium  | 39-2  | 628366   | 626904   | 631822   | 629030   | 0.40   | cps   |
| Rhodium    | 103-1 | 6425835  | 6566899  | 6484399  | 6492378  | 1.09   | cps   |
| Rhodium    | 103-2 | 1902377  | 1905531  | 1920350  | 1909419  | 0.50   | cps   |
| Scandium   | 45-1  | 4377669  | 4347506  | 4406856  | 4377344  | 0.68   | cps   |
| Scandium   | 45-2  | 41752    | 41224    | 41261    | 41412    | 0.71   | cps   |
| Selenium   | 77-2  | 553      | 463      | 587      | 534      | 11.94  | cps   |
| Selenium   | 78-2  | 1591     | 1695     | 1758     | 1681     | 5.01   | cps   |
| Selenium   | 82-1  | 69072    | 69353    | 69755    | 69393    | 0.49   | cps   |
| Silicon    | 28-1  | 2747713  | 2746455  | 2732651  | 2742273  | 0.30   | cps   |
| Silver     | 109-1 | 5284300  | 5265714  | 5304199  | 5284738  | 0.36   | cps   |
| Silver     | 107-1 | 5496829  | 5527512  | 5516346  | 5513562  | 0.28   | cps   |
| Sodium     | 23-2  | 5025345  | 5025088  | 5100599  | 5050344  | 0.86   | cps   |
| Strontium  | 86-1  | 1410559  | 1410568  | 1415425  | 1412184  | 0.20   | cps   |
| Strontium  | 88-1  | 12202420 | 12171407 | 12282870 | 12218899 | 0.47   | cps   |
| Sulfur     | 34-1  | 784927   | 781707   | 783360   | 783331   | 0.21   | cps   |
| Terbium    | 159-1 | 8319900  | 8330754  | 8384053  | 8344902  | 0.41   | cps   |
| Terbium    | 159-2 | 2024833  | 2021491  | 2018257  | 2021527  | 0.16   | cps   |
| Thallium   | 203-1 | 3447607  | 3517602  | 3530766  | 3498658  | 1.28   | cps   |
| Thallium   | 205-1 | 8157535  | 8207743  | 8241566  | 8202281  | 0.52   | cps   |
| Tin        | 118-1 | 3544847  | 3521290  | 3519199  | 3528445  | 0.40   | cps   |
| Titanium   | 47-1  | 619691   | 618027   | 624041   | 620587   | 0.50   | cps   |
| Uranium    | 238-1 | 10537733 | 10607732 | 10651928 | 10599131 | 0.54   | cps   |
| Vanadium   | 51-2  | 431871   | 430410   | 431792   | 431358   | 0.19   | cps   |
| Yttrium    | 89-1  | 7389863  | 7461098  | 7462529  | 7437830  | 0.56   | cps   |
| Yttrium    | 89-2  | 271399   | 274351   | 273770   | 273173   | 0.57   | cps   |
| Zinc       | 66-2  | 186829   | 187731   | 187218   | 187260   | 0.24   | cps   |
| Zirconium  | 90-1  | 7825366  | 7773785  | 7904047  | 7834399  | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:44:20 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1779993 | 1753522 | 1769394 | 1767636 | 0.75   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 11:47:33 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 165100   | 167007   | 166827   | 166311   | 0.63   | cps   |
| Antimony   | 121-1 | 10400680 | 10204753 | 10134366 | 10246600 | 1.35   | cps   |
| Arsenic    | 75-2  | 135076   | 137240   | 137493   | 136603   | 0.97   | cps   |
| Barium     | 135-1 | 10860430 | 10763895 | 10780650 | 10801658 | 0.48   | cps   |
| Barium     | 137-1 | 18659859 | 18632439 | 18618349 | 18636882 | 0.11   | cps   |
| Beryllium  | 9-1   | 1582775  | 1588363  | 1571404  | 1580848  | 0.55   | cps   |
| Bismuth    | 209-1 | 4969089  | 5049341  | 4958396  | 4992275  | 1.00   | cps   |
| Bismuth    | 209-2 | 1596428  | 1604845  | 1600210  | 1600494  | 0.26   | cps   |
| Boron      | 11-1  | 858527   | 881474   | 880927   | 873643   | 1.50   | cps   |
| Boron      | 10-1  | 185737   | 188495   | 191292   | 188508   | 1.47   | cps   |
| Cadmium    | 106-1 | 233979   | 232447   | 234550   | 233659   | 0.47   | cps   |
| Cadmium    | 108-1 | 160640   | 159033   | 159025   | 159566   | 0.58   | cps   |
| Cadmium    | 111-1 | 2313988  | 2283365  | 2279125  | 2292159  | 0.83   | cps   |
| Calcium    | 43-1  | 2350258  | 2399053  | 2381888  | 2377066  | 1.04   | cps   |
| Calcium    | 44-1  | 38442954 | 38701920 | 38404886 | 38516587 | 0.42   | cps   |
| Chromium   | 52-2  | 1161518  | 1164702  | 1172535  | 1166252  | 0.49   | cps   |
| Cobalt     | 59-2  | 2453644  | 2447153  | 2464006  | 2454934  | 0.35   | cps   |
| Copper     | 63-2  | 4205252  | 4151911  | 4150007  | 4169057  | 0.75   | cps   |
| Dysprosium | 156-1 | 242      | 383      | 225      | 283      | 30.71  | cps   |
| Dysprosium | 156-2 | 53       | 33       | 63       | 50       | 30.55  | cps   |
| Erbium     | 164-1 | 108      | 75       | 83       | 89       | 19.52  | cps   |
| Erbium     | 164-2 | 33       | 27       | 7        | 22       | 62.43  | cps   |
| Gadolinium | 160-1 | 217      | 275      | 242      | 244      | 11.97  | cps   |
| Gadolinium | 160-2 | 53       | 77       | 47       | 59       | 26.75  | cps   |
| Holmium    | 165-1 | 8331481  | 8431420  | 8222906  | 8328602  | 1.25   | cps   |
| Holmium    | 165-2 | 2137489  | 2125522  | 2103657  | 2122223  | 0.81   | cps   |
| Indium     | 115-1 | 6868678  | 6908110  | 6852080  | 6876289  | 0.42   | cps   |
| Indium     | 115-2 | 350803   | 352309   | 352673   | 351928   | 0.28   | cps   |
| Iron       | 56-2  | 39363463 | 39483448 | 39164615 | 39337175 | 0.41   | cps   |
| Iron       | 57-2  | 979477   | 996241   | 986836   | 987518   | 0.85   | cps   |
| Lead       | 206-1 | 5882365  | 5896081  | 5859219  | 5879222  | 0.32   | cps   |
| Lead       | 207-1 | 5424342  | 5507328  | 5471924  | 5467864  | 0.76   | cps   |
| Lead       | 208-1 | 24041935 | 24173554 | 23959682 | 24058391 | 0.45   | cps   |
| Lithium    | 6-1   | 1177193  | 1206721  | 1173568  | 1185827  | 1.53   | cps   |
| Magnesium  | 24-2  | 4151019  | 4183461  | 4119723  | 4151401  | 0.77   | cps   |
| Manganese  | 55-2  | 660584   | 662446   | 663554   | 662195   | 0.23   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:47:33 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 7319908  | 7276556  | 7271689  | 7289385  | 0.36   | cps   |
| Molybdenum | 94-1  | 8557740  | 8433831  | 8486629  | 8492733  | 0.73   | cps   |
| Molybdenum | 95-1  | 4670778  | 4596616  | 4610824  | 4626072  | 0.85   | cps   |
| Molybdenum | 96-1  | 5869885  | 5930505  | 5850307  | 5883566  | 0.71   | cps   |
| Molybdenum | 97-1  | 2851057  | 2838764  | 2837184  | 2842335  | 0.27   | cps   |
| Neodymium  | 150-1 | 533      | 553      | 447      | 511      | 11.09  | cps   |
| Neodymium  | 150-2 | 37       | 23       | 23       | 28       | 27.73  | cps   |
| Nickel     | 60-2  | 698361   | 701222   | 705889   | 701824   | 0.54   | cps   |
| Phosphorus | 31-2  | 12164    | 12539    | 12314    | 12339    | 1.53   | cps   |
| Potassium  | 39-2  | 1263473  | 1261472  | 1240898  | 1255281  | 1.00   | cps   |
| Rhodium    | 103-1 | 6520771  | 6537945  | 6521846  | 6526854  | 0.15   | cps   |
| Rhodium    | 103-2 | 1887315  | 1902947  | 1925945  | 1905403  | 1.02   | cps   |
| Scandium   | 45-1  | 4395984  | 4443749  | 4397927  | 4412553  | 0.61   | cps   |
| Scandium   | 45-2  | 41150    | 42380    | 41829    | 41787    | 1.47   | cps   |
| Selenium   | 77-2  | 953      | 887      | 1017     | 952      | 6.83   | cps   |
| Selenium   | 78-2  | 3480     | 3337     | 3293     | 3370     | 2.90   | cps   |
| Selenium   | 82-1  | 140435   | 139462   | 139864   | 139920   | 0.35   | cps   |
| Silicon    | 28-1  | 4679922  | 4687242  | 4671484  | 4679549  | 0.17   | cps   |
| Silver     | 109-1 | 10858052 | 10599243 | 10635236 | 10697510 | 1.31   | cps   |
| Silver     | 107-1 | 11098896 | 11024852 | 11089426 | 11071058 | 0.36   | cps   |
| Sodium     | 23-2  | 10169379 | 10227815 | 10119272 | 10172155 | 0.53   | cps   |
| Strontium  | 86-1  | 2936803  | 2944459  | 2913223  | 2931495  | 0.56   | cps   |
| Strontium  | 88-1  | 25284354 | 25175283 | 25191473 | 25217037 | 0.23   | cps   |
| Sulfur     | 34-1  | 1006787  | 1004674  | 1000448  | 1003970  | 0.32   | cps   |
| Terbium    | 159-1 | 8696104  | 8663398  | 8684079  | 8681194  | 0.19   | cps   |
| Terbium    | 159-2 | 2028282  | 2056231  | 2051171  | 2045228  | 0.73   | cps   |
| Thallium   | 203-1 | 7327390  | 7389372  | 7263397  | 7326720  | 0.86   | cps   |
| Thallium   | 205-1 | 17301010 | 17329248 | 16992888 | 17207715 | 1.08   | cps   |
| Tin        | 118-1 | 7246695  | 7148604  | 7184223  | 7193174  | 0.69   | cps   |
| Titanium   | 47-1  | 1298836  | 1277300  | 1298281  | 1291473  | 0.95   | cps   |
| Uranium    | 238-1 | 22792326 | 23107754 | 22624866 | 22841648 | 1.07   | cps   |
| Vanadium   | 51-2  | 869579   | 870175   | 875077   | 871610   | 0.35   | cps   |
| Yttrium    | 89-1  | 7579607  | 7657253  | 7638175  | 7625012  | 0.53   | cps   |
| Yttrium    | 89-2  | 271103   | 271535   | 273799   | 272146   | 0.53   | cps   |
| Zinc       | 66-2  | 378949   | 380196   | 380109   | 379751   | 0.18   | cps   |
| Zirconium  | 90-1  | 16138428 | 16227504 | 16151347 | 16172426 | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:47:33 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3711815 | 3634431 | 3673243 | 3673163 | 1.05   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:50:39 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 876221    | 873695    | 892848    | 880921    | 1.18   | cps   |
| Antimony   | 121-1 | 22211     | 21192     | 21601     | 21668     | 2.37   | cps   |
| Arsenic    | 75-2  | 56        | 44        | 74        | 58        | 25.79  | cps   |
| Barium     | 135-1 | 3367      | 3351      | 3484      | 3401      | 2.14   | cps   |
| Barium     | 137-1 | 6260      | 6285      | 5785      | 6110      | 4.61   | cps   |
| Beryllium  | 9-1   | 533       | 422       | 467       | 474       | 11.80  | cps   |
| Bismuth    | 209-1 | 4671188   | 4769516   | 4631976   | 4690893   | 1.51   | cps   |
| Bismuth    | 209-2 | 1555174   | 1562762   | 1556851   | 1558262   | 0.26   | cps   |
| Boron      | 11-1  | 30233     | 28529     | 26567     | 28443     | 6.45   | cps   |
| Boron      | 10-1  | 6777      | 6202      | 5926      | 6302      | 6.89   | cps   |
| Cadmium    | 106-1 | 1809      | 1959      | 1584      | 1784      | 10.58  | cps   |
| Cadmium    | 108-1 | 25        | 13        | 38        | 25        | 50.00  | cps   |
| Cadmium    | 111-1 | 1569      | 1683      | 1341      | 1531      | 11.39  | cps   |
| Calcium    | 43-1  | 12041585  | 11966250  | 11969177  | 11992337  | 0.36   | cps   |
| Calcium    | 44-1  | 195246746 | 196130121 | 195415467 | 195597445 | 0.24   | cps   |
| Chromium   | 52-2  | 4981      | 5224      | 5254      | 5153      | 2.91   | cps   |
| Cobalt     | 59-2  | 3020      | 2877      | 3077      | 2991      | 3.45   | cps   |
| Copper     | 63-2  | 6145      | 6322      | 6151      | 6206      | 1.61   | cps   |
| Dysprosium | 156-1 | 67        | 67        | 100       | 78        | 24.75  | cps   |
| Dysprosium | 156-2 | 10        | 13        | 17        | 13        | 25.01  | cps   |
| Erbium     | 164-1 | 50        | 50        | 50        | 50        | 0.00   | cps   |
| Erbium     | 164-2 | 20        | 10        | 10        | 13        | 43.30  | cps   |
| Gadolinium | 160-1 | 117       | 208       | 117       | 147       | 35.95  | cps   |
| Gadolinium | 160-2 | 20        | 27        | 27        | 24        | 15.75  | cps   |
| Holmium    | 165-1 | 8164156   | 8309719   | 8144506   | 8206127   | 1.10   | cps   |
| Holmium    | 165-2 | 2200323   | 2170231   | 2220878   | 2197144   | 1.16   | cps   |
| Indium     | 115-1 | 6705256   | 6808953   | 6741264   | 6751825   | 0.78   | cps   |
| Indium     | 115-2 | 373434    | 374234    | 377175    | 374948    | 0.53   | cps   |
| Iron       | 56-2  | 196316827 | 197723977 | 197309838 | 197116880 | 0.37   | cps   |
| Iron       | 57-2  | 4953341   | 4914751   | 5005610   | 4957901   | 0.92   | cps   |
| Lead       | 206-1 | 10911     | 11127     | 10544     | 10861     | 2.72   | cps   |
| Lead       | 207-1 | 9104      | 9459      | 9632      | 9398      | 2.87   | cps   |
| Lead       | 208-1 | 43147     | 43725     | 43119     | 43330     | 0.79   | cps   |
| Lithium    | 6-1   | 1167328   | 1212070   | 1179774   | 1186391   | 1.95   | cps   |
| Magnesium  | 24-2  | 21032392  | 20902897  | 21187651  | 21040980  | 0.68   | cps   |
| Manganese  | 55-2  | 1780      | 1710      | 1997      | 1829      | 8.17   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89577             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-16 11:50:39 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 7536     | 7261     | 6852     | 7216     | 4.77   | cps   |
| Molybdenum | 94-1  | 3892     | 4159     | 3817     | 3956     | 4.54   | cps   |
| Molybdenum | 95-1  | 4734     | 5168     | 4401     | 4768     | 8.07   | cps   |
| Molybdenum | 96-1  | 8061     | 7894     | 7969     | 7975     | 1.05   | cps   |
| Molybdenum | 97-1  | 3126     | 3242     | 2817     | 3062     | 7.17   | cps   |
| Neodymium  | 150-1 | 167      | 100      | 120      | 129      | 26.54  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Nickel     | 60-2  | 2024     | 2074     | 2070     | 2056     | 1.36   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Potassium  | 39-2  | 6402763  | 6509873  | 6519459  | 6477365  | 1.00   | cps   |
| Rhodium    | 103-1 | 6106969  | 6325911  | 6260063  | 6230981  | 1.80   | cps   |
| Rhodium    | 103-2 | 1887395  | 1874613  | 1898367  | 1886791  | 0.63   | cps   |
| Scandium   | 45-1  | 4272210  | 4397944  | 4338078  | 4336077  | 1.45   | cps   |
| Scandium   | 45-2  | 43110    | 42514    | 43353    | 42992    | 1.00   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 7        | 6        | 2        | 5        | 57.32  | cps   |
| Selenium   | 82-1  | -19      | 85       | 102      | 56       | 117.73 | cps   |
| Silicon    | 28-1  | 716951   | 737656   | 739710   | 731439   | 1.72   | cps   |
| Silver     | 109-1 | 733      | 825      | 775      | 778      | 5.90   | cps   |
| Silver     | 107-1 | 992      | 842      | 1042     | 958      | 10.86  | cps   |
| Sodium     | 23-2  | 51622106 | 51713466 | 52022219 | 51785930 | 0.40   | cps   |
| Strontium  | 86-1  | 100200   | 98940    | 101476   | 100205   | 1.27   | cps   |
| Strontium  | 88-1  | 869082   | 859982   | 863889   | 864318   | 0.53   | cps   |
| Sulfur     | 34-1  | 422014   | 423230   | 426688   | 423977   | 0.57   | cps   |
| Terbium    | 159-1 | 8377704  | 8624642  | 8581579  | 8527975  | 1.55   | cps   |
| Terbium    | 159-2 | 2071724  | 2130535  | 2126157  | 2109472  | 1.55   | cps   |
| Thallium   | 203-1 | 2175     | 2009     | 1992     | 2059     | 4.93   | cps   |
| Thallium   | 205-1 | 5185     | 4601     | 4476     | 4754     | 7.96   | cps   |
| Tin        | 118-1 | 4509     | 4026     | 4259     | 4265     | 5.67   | cps   |
| Titanium   | 47-1  | 1008     | 950      | 908      | 956      | 5.26   | cps   |
| Uranium    | 238-1 | 1450     | 1759     | 1308     | 1506     | 15.28  | cps   |
| Vanadium   | 51-2  | 393      | 427      | 370      | 397      | 7.18   | cps   |
| Yttrium    | 89-1  | 7351854  | 7521813  | 7530656  | 7468108  | 1.35   | cps   |
| Yttrium    | 89-2  | 284781   | 286248   | 288412   | 286481   | 0.64   | cps   |
| Zinc       | 66-2  | 1127     | 1267     | 1103     | 1166     | 7.58   | cps   |
| Zirconium  | 90-1  | 3134     | 2759     | 3017     | 2970     | 6.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:50:39 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 800  | 717  | 617  | 711     | 12.91  | cps   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P8  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 11:54:00 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 4418    | 4668    | 4668    | 4584    | 3.15   | cps   |
| Antimony   | 121-1 | 2013071 | 2008664 | 1981791 | 2001175 | 0.85   | cps   |
| Arsenic    | 75-2  | 29229   | 28683   | 29253   | 29055   | 1.11   | cps   |
| Barium     | 135-1 | 203984  | 203391  | 205514  | 204296  | 0.54   | cps   |
| Barium     | 137-1 | 359098  | 358948  | 352875  | 356974  | 0.99   | cps   |
| Beryllium  | 9-1   | 152808  | 154677  | 156469  | 154651  | 1.18   | cps   |
| Bismuth    | 209-1 | 4580888 | 4701917 | 4734008 | 4672271 | 1.73   | cps   |
| Bismuth    | 209-2 | 1707066 | 1766526 | 1722835 | 1732142 | 1.78   | cps   |
| Boron      | 11-1  | 504021  | 502253  | 507611  | 504628  | 0.54   | cps   |
| Boron      | 10-1  | 107509  | 108231  | 107693  | 107811  | 0.35   | cps   |
| Cadmium    | 106-1 | 38464   | 37938   | 38949   | 38450   | 1.32   | cps   |
| Cadmium    | 108-1 | 20833   | 20683   | 20478   | 20665   | 0.86   | cps   |
| Cadmium    | 111-1 | 232626  | 231231  | 232595  | 232151  | 0.34   | cps   |
| Calcium    | 43-1  | 54155   | 56531   | 54523   | 55070   | 2.32   | cps   |
| Calcium    | 44-1  | 904891  | 904536  | 903880  | 904436  | 0.06   | cps   |
| Chromium   | 52-2  | 123629  | 121512  | 120994  | 122045  | 1.14   | cps   |
| Cobalt     | 59-2  | 262031  | 257438  | 260193  | 259887  | 0.89   | cps   |
| Copper     | 63-2  | 224801  | 223720  | 220585  | 223035  | 0.98   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 75      | 133     | 58      | 89      | 44.30  | cps   |
| Erbium     | 164-2 | 13      | 17      | 3       | 11      | 62.48  | cps   |
| Gadolinium | 160-1 | 75      | 83      | 117     | 92      | 24.05  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 7632645 | 7816626 | 7797545 | 7748939 | 1.31   | cps   |
| Holmium    | 165-2 | 2231165 | 2231432 | 2257765 | 2240120 | 0.68   | cps   |
| Indium     | 115-1 | 6764290 | 6935071 | 6975745 | 6891702 | 1.63   | cps   |
| Indium     | 115-2 | 399305  | 398131  | 399761  | 399066  | 0.21   | cps   |
| Iron       | 56-2  | 843055  | 834040  | 831410  | 836168  | 0.73   | cps   |
| Iron       | 57-2  | 20426   | 20666   | 20994   | 20695   | 1.38   | cps   |
| Lead       | 206-1 | 1108672 | 1118332 | 1113781 | 1113595 | 0.43   | cps   |
| Lead       | 207-1 | 964147  | 972389  | 971257  | 969264  | 0.46   | cps   |
| Lead       | 208-1 | 4515137 | 4541326 | 4513604 | 4523356 | 0.34   | cps   |
| Lithium    | 6-1   | 1210974 | 1246319 | 1221256 | 1226183 | 1.48   | cps   |
| Magnesium  | 24-2  | 53468   | 53602   | 52523   | 53198   | 1.11   | cps   |
| Manganese  | 55-2  | 35826   | 35539   | 35288   | 35551   | 0.76   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 11:54:00 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3647374  | 3628034  | 3647600  | 3641003  | 0.31   | cps   |
| Molybdenum | 94-1  | 4250684  | 4216636  | 4252703  | 4240008  | 0.48   | cps   |
| Molybdenum | 95-1  | 2309551  | 2329249  | 2353907  | 2330902  | 0.95   | cps   |
| Molybdenum | 96-1  | 2961400  | 2953664  | 2974855  | 2963306  | 0.36   | cps   |
| Molybdenum | 97-1  | 1422793  | 1395574  | 1417678  | 1412015  | 1.02   | cps   |
| Neodymium  | 150-1 | 33       | 20       | 7        | 20       | 66.65  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 77732    | 76200    | 76972    | 76968    | 1.00   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 33       | 14       | 124.91 | cps   |
| Potassium  | 39-2  | 58615    | 58389    | 58112    | 58372    | 0.43   | cps   |
| Rhodium    | 103-1 | 6643107  | 6670381  | 6699220  | 6670903  | 0.42   | cps   |
| Rhodium    | 103-2 | 2103472  | 2080313  | 2106081  | 2096622  | 0.68   | cps   |
| Scandium   | 45-1  | 4381505  | 4493567  | 4501519  | 4458864  | 1.51   | cps   |
| Scandium   | 45-2  | 45851    | 45293    | 46289    | 45811    | 1.09   | cps   |
| Selenium   | 77-2  | 280      | 233      | 207      | 240      | 15.47  | cps   |
| Selenium   | 78-2  | 732      | 780      | 748      | 753      | 3.25   | cps   |
| Selenium   | 82-1  | 28354    | 28637    | 28240    | 28410    | 0.72   | cps   |
| Silicon    | 28-1  | 2643093  | 2648624  | 2625705  | 2639141  | 0.45   | cps   |
| Silver     | 109-1 | 1047351  | 1057590  | 1053496  | 1052812  | 0.49   | cps   |
| Silver     | 107-1 | 1101577  | 1104586  | 1104408  | 1103524  | 0.15   | cps   |
| Sodium     | 23-2  | 231268   | 227336   | 229161   | 229255   | 0.86   | cps   |
| Strontium  | 86-1  | 1481142  | 1464760  | 1484082  | 1476662  | 0.71   | cps   |
| Strontium  | 88-1  | 12604016 | 12684585 | 12735550 | 12674717 | 0.52   | cps   |
| Sulfur     | 34-1  | 431667   | 430007   | 432560   | 431411   | 0.30   | cps   |
| Terbium    | 159-1 | 8005552  | 8242950  | 8185301  | 8144601  | 1.52   | cps   |
| Terbium    | 159-2 | 2191865  | 2165676  | 2156625  | 2171389  | 0.84   | cps   |
| Thallium   | 203-1 | 1393261  | 1407055  | 1396573  | 1398963  | 0.51   | cps   |
| Thallium   | 205-1 | 3365922  | 3375685  | 3357103  | 3366236  | 0.28   | cps   |
| Tin        | 118-1 | 3624574  | 3660204  | 3651245  | 3645341  | 0.51   | cps   |
| Titanium   | 47-1  | 651597   | 650690   | 654731   | 652339   | 0.33   | cps   |
| Uranium    | 238-1 | 11454876 | 11525340 | 11492564 | 11490926 | 0.31   | cps   |
| Vanadium   | 51-2  | 90875    | 90657    | 90168    | 90567    | 0.40   | cps   |
| Yttrium    | 89-1  | 7498735  | 7570920  | 7585313  | 7551656  | 0.61   | cps   |
| Yttrium    | 89-2  | 300532   | 298821   | 301978   | 300443   | 0.53   | cps   |
| Zinc       | 66-2  | 41104    | 40596    | 40670    | 40790    | 0.67   | cps   |
| Zirconium  | 90-1  | 7980300  | 7974767  | 8045468  | 8000178  | 0.49   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 11:54:00 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1835311 | 1817831 | 1837044 | 1830062 | 0.58   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 11:57:05 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 25      | 0       | 14      | 91.65  | cps   |
| Antimony   | 121-1 | 1792    | 1792    | 1975    | 1853    | 5.71   | cps   |
| Arsenic    | 75-2  | 6       | 7       | 9       | 7       | 24.97  | cps   |
| Barium     | 135-1 | 33      | 33      | 75      | 47      | 50.95  | cps   |
| Barium     | 137-1 | 58      | 25      | 42      | 42      | 40.00  | cps   |
| Beryllium  | 9-1   | 233     | 244     | 228     | 235     | 3.61   | cps   |
| Bismuth    | 209-1 | 4751475 | 4782121 | 4810855 | 4781484 | 0.62   | cps   |
| Bismuth    | 209-2 | 1695812 | 1685686 | 1692207 | 1691235 | 0.30   | cps   |
| Boron      | 11-1  | 13949   | 13482   | 12022   | 13151   | 7.64   | cps   |
| Boron      | 10-1  | 3050    | 2967    | 3025    | 3014    | 1.42   | cps   |
| Cadmium    | 106-1 | 1934    | 1992    | 1734    | 1886    | 7.18   | cps   |
| Cadmium    | 108-1 | 17      | 29      | 4       | 17      | 74.99  | cps   |
| Cadmium    | 111-1 | 1371    | 1432    | 1223    | 1342    | 8.01   | cps   |
| Calcium    | 43-1  | 2350    | 2175    | 2209    | 2245    | 4.14   | cps   |
| Calcium    | 44-1  | 59946   | 60222   | 58356   | 59508   | 1.69   | cps   |
| Chromium   | 52-2  | 1040    | 1043    | 1153    | 1079    | 5.98   | cps   |
| Cobalt     | 59-2  | 47      | 70      | 50      | 56      | 22.71  | cps   |
| Copper     | 63-2  | 387     | 420     | 380     | 396     | 5.42   | cps   |
| Dysprosium | 156-1 | 0       | 33      | 25      | 19      | 89.21  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 17      | 50      | 31      | 56.77  | cps   |
| Erbium     | 164-2 | 7       | 0       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 75      | 75      | 67      | 72      | 6.66   | cps   |
| Gadolinium | 160-2 | 7       | 20      | 10      | 12      | 56.76  | cps   |
| Holmium    | 165-1 | 7838287 | 7873689 | 7922117 | 7878031 | 0.53   | cps   |
| Holmium    | 165-2 | 2242765 | 2208119 | 2195140 | 2215341 | 1.11   | cps   |
| Indium     | 115-1 | 7070469 | 7056079 | 7038108 | 7054886 | 0.23   | cps   |
| Indium     | 115-2 | 404385  | 395060  | 401061  | 400168  | 1.18   | cps   |
| Iron       | 56-2  | 2989    | 3162    | 2867    | 3006    | 4.92   | cps   |
| Iron       | 57-2  | 61      | 39      | 94      | 65      | 43.14  | cps   |
| Lead       | 206-1 | 939     | 917     | 883     | 913     | 3.06   | cps   |
| Lead       | 207-1 | 983     | 911     | 850     | 915     | 7.30   | cps   |
| Lead       | 208-1 | 3828    | 3700    | 3645    | 3724    | 2.52   | cps   |
| Lithium    | 6-1   | 1214471 | 1235874 | 1258078 | 1236141 | 1.76   | cps   |
| Magnesium  | 24-2  | 342     | 292     | 175     | 269     | 31.74  | cps   |
| Manganese  | 55-2  | 67      | 80      | 80      | 76      | 10.19  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:57:05 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 642     | 525     | 533     | 567     | 11.49   | cps   |
| Molybdenum | 94-1  | 692     | 525     | 608     | 608     | 13.70   | cps   |
| Molybdenum | 95-1  | 500     | 408     | 358     | 422     | 17.02   | cps   |
| Molybdenum | 96-1  | 517     | 542     | 633     | 564     | 10.89   | cps   |
| Molybdenum | 97-1  | 333     | 267     | 217     | 272     | 21.50   | cps   |
| Neodymium  | 150-1 | 0       | 33      | 7       | 13      | 132.28  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 210     | 243     | 260     | 238     | 10.71   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 4251    | 4501    | 4259    | 4337    | 3.27    | cps   |
| Rhodium    | 103-1 | 6817580 | 6768709 | 6802086 | 6796125 | 0.37    | cps   |
| Rhodium    | 103-2 | 2108273 | 2102450 | 2098436 | 2103053 | 0.24    | cps   |
| Scandium   | 45-1  | 4526590 | 4505516 | 4538879 | 4523662 | 0.37    | cps   |
| Scandium   | 45-2  | 44353   | 43186   | 44343   | 43961   | 1.53    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 4       | 2       | 4       | 50.09   | cps   |
| Selenium   | 82-1  | -17     | 21      | -63     | -20     | -213.85 | cps   |
| Silicon    | 28-1  | 470070  | 465998  | 471880  | 469316  | 0.64    | cps   |
| Silver     | 109-1 | 158     | 183     | 158     | 167     | 8.66    | cps   |
| Silver     | 107-1 | 175     | 133     | 225     | 178     | 25.82   | cps   |
| Sodium     | 23-2  | 13440   | 12097   | 13232   | 12923   | 5.59    | cps   |
| Strontium  | 86-1  | 817     | 817     | 875     | 836     | 4.03    | cps   |
| Strontium  | 88-1  | 200     | 317     | 208     | 242     | 26.93   | cps   |
| Sulfur     | 34-1  | 419103  | 420637  | 419795  | 419845  | 0.18    | cps   |
| Terbium    | 159-1 | 8245545 | 8287570 | 8337655 | 8290256 | 0.56    | cps   |
| Terbium    | 159-2 | 2170952 | 2156617 | 2127646 | 2151739 | 1.03    | cps   |
| Thallium   | 203-1 | 333     | 500     | 442     | 425     | 19.90   | cps   |
| Thallium   | 205-1 | 1317    | 1217    | 1067    | 1200    | 10.49   | cps   |
| Tin        | 118-1 | 2150    | 2009    | 1967    | 2042    | 4.71    | cps   |
| Titanium   | 47-1  | 175     | 125     | 225     | 175     | 28.57   | cps   |
| Uranium    | 238-1 | 192     | 133     | 183     | 169     | 18.62   | cps   |
| Vanadium   | 51-2  | 23      | 10      | 3       | 12      | 83.33   | cps   |
| Yttrium    | 89-1  | 7611244 | 7722792 | 7597332 | 7643789 | 0.90    | cps   |
| Yttrium    | 89-2  | 295456  | 294231  | 297844  | 295844  | 0.62    | cps   |
| Zinc       | 66-2  | 70      | 73      | 50      | 64      | 19.58   | cps   |
| Zirconium  | 90-1  | 717     | 808     | 850     | 792     | 8.62    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 11:57:05 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 175  | 192  | 186     | 5.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:00:13 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 806179   | 811098   | 801214   | 806164   | 0.61   | cps   |
| Antimony   | 121-1 | 13015    | 13049    | 12540    | 12868    | 2.21   | cps   |
| Arsenic    | 75-2  | 57       | 37       | 39       | 44       | 25.34  | cps   |
| Barium     | 135-1 | 3176     | 3226     | 2959     | 3120     | 4.54   | cps   |
| Barium     | 137-1 | 5393     | 5476     | 4851     | 5240     | 6.48   | cps   |
| Beryllium  | 9-1   | 572      | 533      | 522      | 543      | 4.84   | cps   |
| Bismuth    | 209-1 | 4234407  | 4589000  | 4587602  | 4470336  | 4.57   | cps   |
| Bismuth    | 209-2 | 1598392  | 1590810  | 1582230  | 1590477  | 0.51   | cps   |
| Boron      | 11-1  | 11563    | 11055    | 10805    | 11141    | 3.47   | cps   |
| Boron      | 10-1  | 2267     | 2525     | 2525     | 2439     | 6.12   | cps   |
| Cadmium    | 106-1 | 1759     | 1642     | 1634     | 1678     | 4.17   | cps   |
| Cadmium    | 108-1 | 1158     | 1288     | 1300     | 1249     | 6.28   | cps   |
| Cadmium    | 111-1 | 1904     | 1898     | 1638     | 1813     | 8.38   | cps   |
| Calcium    | 43-1  | 2417945  | 2412553  | 2398642  | 2409713  | 0.41   | cps   |
| Calcium    | 44-1  | 39298164 | 38588708 | 38533202 | 38806691 | 1.10   | cps   |
| Chromium   | 52-2  | 25002    | 25033    | 24325    | 24787    | 1.61   | cps   |
| Cobalt     | 59-2  | 2870     | 2950     | 3037     | 2953     | 2.82   | cps   |
| Copper     | 63-2  | 17488    | 17558    | 16924    | 17323    | 2.01   | cps   |
| Dysprosium | 156-1 | 33       | 33       | 83       | 50       | 57.75  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 75       | 83       | 83       | 81       | 5.97   | cps   |
| Erbium     | 164-2 | 10       | 0        | 13       | 8        | 89.21  | cps   |
| Gadolinium | 160-1 | 125      | 67       | 100      | 97       | 30.10  | cps   |
| Gadolinium | 160-2 | 20       | 13       | 17       | 17       | 20.01  | cps   |
| Holmium    | 165-1 | 7308563  | 7881565  | 7937791  | 7709306  | 4.52   | cps   |
| Holmium    | 165-2 | 2192557  | 2199031  | 2172143  | 2187910  | 0.64   | cps   |
| Indium     | 115-1 | 6293149  | 6894577  | 6931795  | 6706507  | 5.34   | cps   |
| Indium     | 115-2 | 380359   | 383555   | 379398   | 381104   | 0.57   | cps   |
| Iron       | 56-2  | 79914018 | 79766346 | 78778807 | 79486391 | 0.78   | cps   |
| Iron       | 57-2  | 2025740  | 2019338  | 1990565  | 2011881  | 0.93   | cps   |
| Lead       | 206-1 | 27608    | 26706    | 26239    | 26851    | 2.59   | cps   |
| Lead       | 207-1 | 21808    | 21341    | 21046    | 21398    | 1.80   | cps   |
| Lead       | 208-1 | 102622   | 99809    | 99202    | 100544   | 1.81   | cps   |
| Lithium    | 6-1   | 1048557  | 1158669  | 1145465  | 1117564  | 5.38   | cps   |
| Magnesium  | 24-2  | 4211477  | 4158999  | 4147053  | 4172509  | 0.82   | cps   |
| Manganese  | 55-2  | 2674     | 2890     | 2610     | 2725     | 5.39   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P8  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 12:00:13 DataFile Name : 014ICSA.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 14090468 | 13931467 | 13987466 | 14003133 | 0.58   | cps   |
| Molybdenum | 94-1  | 5032419  | 4936967  | 4947273  | 4972220  | 1.05   | cps   |
| Molybdenum | 95-1  | 8893578  | 8802193  | 8735487  | 8810419  | 0.90   | cps   |
| Molybdenum | 96-1  | 9339461  | 9195856  | 9236536  | 9257284  | 0.80   | cps   |
| Molybdenum | 97-1  | 5448821  | 5347812  | 5363934  | 5386856  | 1.01   | cps   |
| Neodymium  | 150-1 | 47       | 40       | 40       | 42       | 9.12   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 4047     | 4077     | 3974     | 4033     | 1.32   | cps   |
| Phosphorus | 31-2  | 63510    | 62321    | 62003    | 62612    | 1.27   | cps   |
| Potassium  | 39-2  | 2597129  | 2623628  | 2587861  | 2602873  | 0.71   | cps   |
| Rhodium    | 103-1 | 5916000  | 6458304  | 6504610  | 6292971  | 5.20   | cps   |
| Rhodium    | 103-2 | 1976009  | 1982295  | 1968738  | 1975681  | 0.34   | cps   |
| Scandium   | 45-1  | 4051057  | 4408995  | 4413832  | 4291295  | 4.85   | cps   |
| Scandium   | 45-2  | 42525    | 42982    | 43043    | 42850    | 0.66   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 0        | 13       | 4        | 6        | 120.21 | cps   |
| Selenium   | 82-1  | -58      | -21      | -9       | -29      | -87.68 | cps   |
| Silicon    | 28-1  | 613591   | 601777   | 599683   | 605017   | 1.24   | cps   |
| Silver     | 109-1 | 1742     | 1917     | 2009     | 1889     | 7.17   | cps   |
| Silver     | 107-1 | 2084     | 2142     | 2134     | 2120     | 1.49   | cps   |
| Sodium     | 23-2  | 10329966 | 10372614 | 10303289 | 10335289 | 0.34   | cps   |
| Strontium  | 86-1  | 98294    | 96355    | 94391    | 96347    | 2.03   | cps   |
| Strontium  | 88-1  | 847607   | 829484   | 835230   | 837440   | 1.11   | cps   |
| Sulfur     | 34-1  | 3207693  | 3175787  | 3179511  | 3187664  | 0.55   | cps   |
| Terbium    | 159-1 | 7650041  | 8225979  | 8334696  | 8070238  | 4.56   | cps   |
| Terbium    | 159-2 | 2136385  | 2102043  | 2092520  | 2110316  | 1.09   | cps   |
| Thallium   | 203-1 | 1058     | 1017     | 1158     | 1078     | 6.76   | cps   |
| Thallium   | 205-1 | 2550     | 2725     | 2717     | 2664     | 3.71   | cps   |
| Tin        | 118-1 | 5927     | 5576     | 5860     | 5788     | 3.21   | cps   |
| Titanium   | 47-1  | 2529280  | 2492378  | 2471220  | 2497626  | 1.18   | cps   |
| Uranium    | 238-1 | 508      | 467      | 508      | 494      | 4.87   | cps   |
| Vanadium   | 51-2  | 140      | 197      | 110      | 149      | 29.56  | cps   |
| Yttrium    | 89-1  | 6953113  | 7442961  | 7537842  | 7311305  | 4.29   | cps   |
| Yttrium    | 89-2  | 286114   | 290442   | 289524   | 288693   | 0.79   | cps   |
| Zinc       | 66-2  | 2244     | 2234     | 2254     | 2244     | 0.45   | cps   |
| Zirconium  | 90-1  | 3084     | 3084     | 3026     | 3064     | 1.10   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:00:13 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 700  | 642  | 575  | 639     | 9.79   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : ICSAB Instrumnet Name : P8  
 Client Sample ID : ICSAB Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 12:03:18 DataFile Name : 015ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 791161   | 788013   | 788601   | 789258   | 0.21   | cps   |
| Antimony   | 121-1 | 206348   | 209089   | 205882   | 207106   | 0.84   | cps   |
| Arsenic    | 75-2  | 2813     | 2826     | 2832     | 2824     | 0.34   | cps   |
| Barium     | 135-1 | 44275    | 44793    | 43815    | 44294    | 1.11   | cps   |
| Barium     | 137-1 | 77025    | 78315    | 76958    | 77433    | 0.99   | cps   |
| Beryllium  | 9-1   | 31184    | 30756    | 30867    | 30936    | 0.72   | cps   |
| Bismuth    | 209-1 | 4622059  | 4558689  | 4636934  | 4605894  | 0.90   | cps   |
| Bismuth    | 209-2 | 1584193  | 1577244  | 1576058  | 1579165  | 0.28   | cps   |
| Boron      | 11-1  | 55065    | 57407    | 56496    | 56322    | 2.10   | cps   |
| Boron      | 10-1  | 11730    | 12264    | 11822    | 11939    | 2.39   | cps   |
| Cadmium    | 106-1 | 7703     | 6819     | 6994     | 7172     | 6.53   | cps   |
| Cadmium    | 108-1 | 4530     | 4684     | 4322     | 4512     | 4.03   | cps   |
| Cadmium    | 111-1 | 45770    | 44864    | 45295    | 45310    | 1.00   | cps   |
| Calcium    | 43-1  | 2388403  | 2370609  | 2357855  | 2372289  | 0.65   | cps   |
| Calcium    | 44-1  | 38244552 | 38821646 | 38381550 | 38482582 | 0.78   | cps   |
| Chromium   | 52-2  | 48176    | 47848    | 48066    | 48030    | 0.35   | cps   |
| Cobalt     | 59-2  | 53124    | 53138    | 52803    | 53022    | 0.36   | cps   |
| Copper     | 63-2  | 59942    | 59815    | 59594    | 59784    | 0.29   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 75       | 39       | 81.12  | cps   |
| Dysprosium | 156-2 | 17       | 23       | 7        | 16       | 53.90  | cps   |
| Erbium     | 164-1 | 50       | 42       | 83       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 100      | 83       | 125      | 103      | 20.40  | cps   |
| Gadolinium | 160-2 | 3        | 7        | 20       | 10       | 88.20  | cps   |
| Holmium    | 165-1 | 7943343  | 7962189  | 7872717  | 7926083  | 0.60   | cps   |
| Holmium    | 165-2 | 2196594  | 2165781  | 2160539  | 2174305  | 0.90   | cps   |
| Indium     | 115-1 | 6899499  | 6843978  | 6815280  | 6852919  | 0.62   | cps   |
| Indium     | 115-2 | 379196   | 380189   | 381402   | 380263   | 0.29   | cps   |
| Iron       | 56-2  | 78366327 | 79051743 | 78369360 | 78595810 | 0.50   | cps   |
| Iron       | 57-2  | 2038687  | 2017627  | 2019825  | 2025379  | 0.57   | cps   |
| Lead       | 206-1 | 136497   | 135886   | 134533   | 135639   | 0.74   | cps   |
| Lead       | 207-1 | 116048   | 114787   | 115264   | 115366   | 0.55   | cps   |
| Lead       | 208-1 | 531726   | 526075   | 527285   | 528362   | 0.56   | cps   |
| Lithium    | 6-1   | 1135210  | 1141512  | 1123215  | 1133312  | 0.82   | cps   |
| Magnesium  | 24-2  | 4172146  | 4149788  | 4131981  | 4151305  | 0.48   | cps   |
| Manganese  | 55-2  | 9607     | 9267     | 9380     | 9418     | 1.84   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : ICSAB Instrumnet Name : P8  
 Client Sample ID : ICSAB Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 12:03:18 DataFile Name : 015ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 14041582 | 14058645 | 14115960 | 14072062 | 0.28   | cps   |
| Molybdenum | 94-1  | 5305029  | 5257033  | 5279046  | 5280369  | 0.45   | cps   |
| Molybdenum | 95-1  | 8853047  | 8889762  | 8813779  | 8852196  | 0.43   | cps   |
| Molybdenum | 96-1  | 9428166  | 9434396  | 9458198  | 9440253  | 0.17   | cps   |
| Molybdenum | 97-1  | 5462122  | 5431147  | 5416635  | 5436635  | 0.43   | cps   |
| Neodymium  | 150-1 | 53       | 53       | 27       | 44       | 34.64  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Nickel     | 60-2  | 18743    | 18786    | 18402    | 18644    | 1.13   | cps   |
| Phosphorus | 31-2  | 62020    | 62137    | 61785    | 61981    | 0.29   | cps   |
| Potassium  | 39-2  | 2572985  | 2606051  | 2585281  | 2588106  | 0.65   | cps   |
| Rhodium    | 103-1 | 6446035  | 6403527  | 6434505  | 6428022  | 0.34   | cps   |
| Rhodium    | 103-2 | 1971473  | 1960029  | 1945342  | 1958948  | 0.67   | cps   |
| Scandium   | 45-1  | 4455155  | 4497148  | 4449027  | 4467110  | 0.59   | cps   |
| Scandium   | 45-2  | 43494    | 43798    | 42428    | 43240    | 1.66   | cps   |
| Selenium   | 77-2  | 20       | 13       | 27       | 20       | 33.35  | cps   |
| Selenium   | 78-2  | 57       | 61       | 52       | 57       | 8.21   | cps   |
| Selenium   | 82-1  | 2766     | 2666     | 2813     | 2748     | 2.72   | cps   |
| Silicon    | 28-1  | 894067   | 887666   | 880740   | 887491   | 0.75   | cps   |
| Silver     | 109-1 | 196533   | 198484   | 196405   | 197141   | 0.59   | cps   |
| Silver     | 107-1 | 207675   | 206890   | 207584   | 207383   | 0.21   | cps   |
| Sodium     | 23-2  | 10209423 | 10186455 | 10223622 | 10206500 | 0.18   | cps   |
| Strontium  | 86-1  | 246549   | 250109   | 246174   | 247611   | 0.88   | cps   |
| Strontium  | 88-1  | 2183315  | 2184141  | 2173599  | 2180352  | 0.27   | cps   |
| Sulfur     | 34-1  | 3174025  | 3125928  | 3118074  | 3139342  | 0.96   | cps   |
| Terbium    | 159-1 | 8283606  | 8353787  | 8268666  | 8302020  | 0.55   | cps   |
| Terbium    | 159-2 | 2092380  | 2090566  | 2121141  | 2101363  | 0.82   | cps   |
| Thallium   | 203-1 | 134011   | 138634   | 135896   | 136180   | 1.71   | cps   |
| Thallium   | 205-1 | 325331   | 328323   | 323944   | 325866   | 0.69   | cps   |
| Tin        | 118-1 | 373075   | 372293   | 374995   | 373454   | 0.37   | cps   |
| Titanium   | 47-1  | 2575560  | 2576104  | 2564784  | 2572149  | 0.25   | cps   |
| Uranium    | 238-1 | 1095314  | 1100682  | 1102457  | 1099484  | 0.34   | cps   |
| Vanadium   | 51-2  | 17214    | 17585    | 17621    | 17473    | 1.29   | cps   |
| Yttrium    | 89-1  | 7565381  | 7535264  | 7545274  | 7548640  | 0.20   | cps   |
| Yttrium    | 89-2  | 289291   | 285221   | 289418   | 287977   | 0.83   | cps   |
| Zinc       | 66-2  | 6031     | 6055     | 6021     | 6036     | 0.28   | cps   |
| Zirconium  | 90-1  | 842273   | 841579   | 832380   | 838744   | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:03:18 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 188504 | 188269 | 186327 | 187700  | 0.64   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV026              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV026              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 12:06:21 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 450278    | 453224    | 454235    | 452579    | 0.45   | cps   |
| Antimony   | 121-1 | 5135155   | 5102738   | 5063493   | 5100462   | 0.70   | cps   |
| Arsenic    | 75-2  | 72338     | 71938     | 71556     | 71944     | 0.54   | cps   |
| Barium     | 135-1 | 5407806   | 5446781   | 5376245   | 5410277   | 0.65   | cps   |
| Barium     | 137-1 | 9226031   | 9169303   | 9264716   | 9220017   | 0.52   | cps   |
| Beryllium  | 9-1   | 774710    | 773534    | 785734    | 777992    | 0.87   | cps   |
| Bismuth    | 209-1 | 4660948   | 4586228   | 4589621   | 4612266   | 0.91   | cps   |
| Bismuth    | 209-2 | 1600466   | 1590526   | 1585708   | 1592233   | 0.47   | cps   |
| Boron      | 11-1  | 425734    | 433371    | 444857    | 434654    | 2.21   | cps   |
| Boron      | 10-1  | 92061     | 94721     | 94360     | 93714     | 1.54   | cps   |
| Cadmium    | 106-1 | 116516    | 116307    | 117315    | 116713    | 0.46   | cps   |
| Cadmium    | 108-1 | 77928     | 76612     | 79612     | 78051     | 1.93   | cps   |
| Cadmium    | 111-1 | 1097937   | 1090864   | 1103539   | 1097447   | 0.58   | cps   |
| Calcium    | 43-1  | 5986316   | 6027329   | 6124600   | 6046082   | 1.17   | cps   |
| Calcium    | 44-1  | 97053952  | 99120338  | 99327242  | 98500511  | 1.28   | cps   |
| Chromium   | 52-2  | 622192    | 618469    | 616577    | 619079    | 0.46   | cps   |
| Cobalt     | 59-2  | 1260554   | 1263876   | 1252351   | 1258927   | 0.47   | cps   |
| Copper     | 63-2  | 2167678   | 2177107   | 2150539   | 2165108   | 0.62   | cps   |
| Dysprosium | 156-1 | 200       | 192       | 183       | 192       | 4.35   | cps   |
| Dysprosium | 156-2 | 40        | 50        | 57        | 49        | 17.16  | cps   |
| Erbium     | 164-1 | 92        | 100       | 117       | 103       | 12.39  | cps   |
| Erbium     | 164-2 | 23        | 30        | 17        | 23        | 28.56  | cps   |
| Gadolinium | 160-1 | 242       | 167       | 217       | 208       | 18.33  | cps   |
| Gadolinium | 160-2 | 67        | 40        | 43        | 50        | 29.06  | cps   |
| Holmium    | 165-1 | 7986051   | 8033071   | 8056799   | 8025307   | 0.45   | cps   |
| Holmium    | 165-2 | 2205935   | 2189706   | 2175917   | 2190519   | 0.69   | cps   |
| Indium     | 115-1 | 6750740   | 6798203   | 6714628   | 6754524   | 0.62   | cps   |
| Indium     | 115-2 | 376580    | 374179    | 372502    | 374420    | 0.55   | cps   |
| Iron       | 56-2  | 100227374 | 101403749 | 100253949 | 100628358 | 0.67   | cps   |
| Iron       | 57-2  | 2591084   | 2571187   | 2568150   | 2576807   | 0.48   | cps   |
| Lead       | 206-1 | 2873611   | 2794202   | 2836819   | 2834877   | 1.40   | cps   |
| Lead       | 207-1 | 2616154   | 2626048   | 2653647   | 2631950   | 0.74   | cps   |
| Lead       | 208-1 | 11521075  | 11539003  | 11648535  | 11569537  | 0.60   | cps   |
| Lithium    | 6-1   | 1147924   | 1154373   | 1166749   | 1156349   | 0.83   | cps   |
| Magnesium  | 24-2  | 10846395  | 10850408  | 10726999  | 10807934  | 0.65   | cps   |
| Manganese  | 55-2  | 352805    | 352940    | 353128    | 352958    | 0.05   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV026              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV026              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 12:06:21 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3711283  | 3750719  | 3779381  | 3747127  | 0.91   | cps   |
| Molybdenum | 94-1  | 4261435  | 4365222  | 4369849  | 4332169  | 1.42   | cps   |
| Molybdenum | 95-1  | 2342390  | 2373214  | 2371756  | 2362453  | 0.74   | cps   |
| Molybdenum | 96-1  | 2980518  | 3054995  | 3015654  | 3017055  | 1.23   | cps   |
| Molybdenum | 97-1  | 1431957  | 1422111  | 1444361  | 1432810  | 0.78   | cps   |
| Neodymium  | 150-1 | 253      | 340      | 360      | 318      | 17.84  | cps   |
| Neodymium  | 150-2 | 40       | 53       | 40       | 44       | 17.32  | cps   |
| Nickel     | 60-2  | 361111   | 362512   | 360523   | 361382   | 0.28   | cps   |
| Phosphorus | 31-2  | 6310     | 6418     | 6569     | 6432     | 2.02   | cps   |
| Potassium  | 39-2  | 3360480  | 3365114  | 3371154  | 3365583  | 0.16   | cps   |
| Rhodium    | 103-1 | 6322655  | 6306880  | 6341760  | 6323765  | 0.28   | cps   |
| Rhodium    | 103-2 | 1945412  | 1948896  | 1894685  | 1929664  | 1.57   | cps   |
| Scandium   | 45-1  | 4460918  | 4460731  | 4474930  | 4465526  | 0.18   | cps   |
| Scandium   | 45-2  | 43634    | 44611    | 43327    | 43857    | 1.53   | cps   |
| Selenium   | 77-2  | 533      | 570      | 513      | 539      | 5.33   | cps   |
| Selenium   | 78-2  | 1856     | 1808     | 1780     | 1814     | 2.12   | cps   |
| Selenium   | 82-1  | 70343    | 70702    | 70756    | 70600    | 0.32   | cps   |
| Silicon    | 28-1  | 2722858  | 2733390  | 2820731  | 2758993  | 1.95   | cps   |
| Silver     | 109-1 | 5219540  | 5229159  | 5300317  | 5249672  | 0.84   | cps   |
| Silver     | 107-1 | 5495263  | 5466580  | 5474104  | 5478649  | 0.27   | cps   |
| Sodium     | 23-2  | 26598390 | 26418220 | 26178717 | 26398443 | 0.80   | cps   |
| Strontium  | 86-1  | 1541787  | 1548150  | 1546960  | 1545633  | 0.22   | cps   |
| Strontium  | 88-1  | 13054334 | 13183507 | 13141729 | 13126523 | 0.50   | cps   |
| Sulfur     | 34-1  | 775540   | 783678   | 790454   | 783224   | 0.95   | cps   |
| Terbium    | 159-1 | 8280613  | 8334100  | 8455404  | 8356706  | 1.07   | cps   |
| Terbium    | 159-2 | 2136889  | 2096326  | 2124164  | 2119126  | 0.98   | cps   |
| Thallium   | 203-1 | 3535773  | 3551233  | 3555743  | 3547583  | 0.30   | cps   |
| Thallium   | 205-1 | 8228107  | 8284537  | 8284030  | 8265558  | 0.39   | cps   |
| Tin        | 118-1 | 3637744  | 3627720  | 3571668  | 3612377  | 0.99   | cps   |
| Titanium   | 47-1  | 647696   | 649560   | 660748   | 652668   | 1.08   | cps   |
| Uranium    | 238-1 | 11012768 | 10966186 | 11140804 | 11039919 | 0.82   | cps   |
| Vanadium   | 51-2  | 465531   | 462995   | 461745   | 463424   | 0.42   | cps   |
| Yttrium    | 89-1  | 7533342  | 7605195  | 7622577  | 7587038  | 0.62   | cps   |
| Yttrium    | 89-2  | 287653   | 289418   | 284993   | 287355   | 0.78   | cps   |
| Zinc       | 66-2  | 198732   | 198806   | 197660   | 198399   | 0.32   | cps   |
| Zirconium  | 90-1  | 8170034  | 8330663  | 8245026  | 8248574  | 0.97   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV026              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV026              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 12:06:21 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1857324 | 1878864 | 1881461 | 1872550 | 0.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB026              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB026              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:09:20 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Antimony   | 121-1 | 2700    | 2959    | 2709    | 2789    | 5.26   | cps   |
| Arsenic    | 75-2  | 11      | 15      | 4       | 10      | 57.30  | cps   |
| Barium     | 135-1 | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Barium     | 137-1 | 58      | 100     | 83      | 81      | 26.03  | cps   |
| Beryllium  | 9-1   | 233     | 306     | 217     | 252     | 18.76  | cps   |
| Bismuth    | 209-1 | 4720459 | 4771356 | 4600792 | 4697536 | 1.86   | cps   |
| Bismuth    | 209-2 | 1670998 | 1661880 | 1673158 | 1668679 | 0.36   | cps   |
| Boron      | 11-1  | 14341   | 13056   | 13190   | 13529   | 5.22   | cps   |
| Boron      | 10-1  | 3492    | 3025    | 2717    | 3078    | 12.68  | cps   |
| Cadmium    | 106-1 | 1742    | 1542    | 1767    | 1684    | 7.33   | cps   |
| Cadmium    | 108-1 | 13      | 25      | 0       | 13      | 100.00 | cps   |
| Cadmium    | 111-1 | 1248    | 1116    | 1253    | 1206    | 6.46   | cps   |
| Calcium    | 43-1  | 2250    | 2359    | 2275    | 2295    | 2.47   | cps   |
| Calcium    | 44-1  | 63260   | 61745   | 61000   | 62002   | 1.86   | cps   |
| Chromium   | 52-2  | 1073    | 1073    | 1213    | 1120    | 7.22   | cps   |
| Cobalt     | 59-2  | 63      | 30      | 77      | 57      | 42.42  | cps   |
| Copper     | 63-2  | 560     | 580     | 600     | 580     | 3.45   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 8       | 33      | 25      | 57.74  | cps   |
| Erbium     | 164-2 | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 92      | 50      | 83      | 75      | 29.40  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 7809990 | 7793948 | 7683150 | 7762363 | 0.89   | cps   |
| Holmium    | 165-2 | 2160913 | 2165934 | 2177334 | 2168061 | 0.39   | cps   |
| Indium     | 115-1 | 6914518 | 6941027 | 6928311 | 6927952 | 0.19   | cps   |
| Indium     | 115-2 | 392630  | 389877  | 394197  | 392235  | 0.56   | cps   |
| Iron       | 56-2  | 3150    | 3539    | 3262    | 3317    | 6.04   | cps   |
| Iron       | 57-2  | 89      | 83      | 89      | 87      | 3.68   | cps   |
| Lead       | 206-1 | 822     | 756     | 628     | 735     | 13.44  | cps   |
| Lead       | 207-1 | 600     | 700     | 706     | 669     | 8.89   | cps   |
| Lead       | 208-1 | 2939    | 2828    | 3067    | 2945    | 4.06   | cps   |
| Lithium    | 6-1   | 1187575 | 1191879 | 1169255 | 1182903 | 1.02   | cps   |
| Magnesium  | 24-2  | 283     | 183     | 242     | 236     | 21.28  | cps   |
| Manganese  | 55-2  | 70      | 60      | 77      | 69      | 12.18  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB026              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB026              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:09:20 | DataFile Name :   | 017SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 950     | 867     | 808     | 875     | 8.14   | cps   |
| Molybdenum | 94-1  | 783     | 825     | 675     | 761     | 10.17  | cps   |
| Molybdenum | 95-1  | 717     | 517     | 483     | 572     | 22.05  | cps   |
| Molybdenum | 96-1  | 825     | 733     | 692     | 750     | 9.10   | cps   |
| Molybdenum | 97-1  | 558     | 367     | 283     | 403     | 35.01  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 20      | 7       | 173.21 | cps   |
| Neodymium  | 150-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 270     | 233     | 187     | 230     | 18.16  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 4701    | 4659    | 4601    | 4654    | 1.08   | cps   |
| Rhodium    | 103-1 | 6698448 | 6614195 | 6549172 | 6620605 | 1.13   | cps   |
| Rhodium    | 103-2 | 2062251 | 2037273 | 2067392 | 2055639 | 0.78   | cps   |
| Scandium   | 45-1  | 4464737 | 4403843 | 4405175 | 4424585 | 0.79   | cps   |
| Scandium   | 45-2  | 43611   | 42992   | 43216   | 43273   | 0.72   | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 2       | 2       | 4       | 86.68  | cps   |
| Selenium   | 82-1  | 12      | -21     | 29      | 7       | 379.72 | cps   |
| Silicon    | 28-1  | 460805  | 459996  | 459063  | 459955  | 0.19   | cps   |
| Silver     | 109-1 | 342     | 500     | 517     | 453     | 21.33  | cps   |
| Silver     | 107-1 | 583     | 675     | 450     | 569     | 19.87  | cps   |
| Sodium     | 23-2  | 16018   | 15793   | 16235   | 16015   | 1.38   | cps   |
| Strontium  | 86-1  | 808     | 850     | 817     | 825     | 2.67   | cps   |
| Strontium  | 88-1  | 225     | 242     | 275     | 247     | 10.30  | cps   |
| Sulfur     | 34-1  | 406749  | 404986  | 401979  | 404571  | 0.60   | cps   |
| Terbium    | 159-1 | 8164907 | 8213413 | 8038479 | 8138933 | 1.11   | cps   |
| Terbium    | 159-2 | 2132678 | 2091920 | 2086888 | 2103829 | 1.19   | cps   |
| Thallium   | 203-1 | 717     | 717     | 517     | 650     | 17.77  | cps   |
| Thallium   | 205-1 | 1700    | 1408    | 1375    | 1495    | 11.96  | cps   |
| Tin        | 118-1 | 1700    | 1959    | 1842    | 1834    | 7.06   | cps   |
| Titanium   | 47-1  | 200     | 175     | 192     | 189     | 6.74   | cps   |
| Uranium    | 238-1 | 117     | 125     | 125     | 122     | 3.94   | cps   |
| Vanadium   | 51-2  | 20      | 17      | 7       | 14      | 48.02  | cps   |
| Yttrium    | 89-1  | 7506499 | 7518147 | 7538431 | 7521026 | 0.21   | cps   |
| Yttrium    | 89-2  | 289324  | 289042  | 291243  | 289870  | 0.41   | cps   |
| Zinc       | 66-2  | 70      | 70      | 87      | 76      | 12.74  | cps   |
| Zirconium  | 90-1  | 1058    | 1042    | 892     | 997     | 9.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB026              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB026              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:09:20 | DataFile Name :   | 017SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 300  | 217  | 283     | 21.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:12:29 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 125     | 225     | 183     | 178     | 28.25  | cps   |
| Antimony   | 121-1 | 19089   | 18614   | 19106   | 18936   | 1.48   | cps   |
| Arsenic    | 75-2  | 130     | 161     | 144     | 145     | 10.86  | cps   |
| Barium     | 135-1 | 18814   | 18172   | 18272   | 18419   | 1.88   | cps   |
| Barium     | 137-1 | 31322   | 31898   | 31037   | 31419   | 1.39   | cps   |
| Beryllium  | 9-1   | 1578    | 1578    | 1411    | 1522    | 6.32   | cps   |
| Bismuth    | 209-1 | 4634449 | 4621617 | 4537434 | 4597833 | 1.15   | cps   |
| Bismuth    | 209-2 | 1643883 | 1628318 | 1636659 | 1636287 | 0.48   | cps   |
| Boron      | 11-1  | 25398   | 26133   | 25832   | 25788   | 1.43   | cps   |
| Boron      | 10-1  | 5793    | 5801    | 5535    | 5710    | 2.66   | cps   |
| Cadmium    | 106-1 | 1884    | 1884    | 1692    | 1820    | 6.08   | cps   |
| Cadmium    | 108-1 | 154     | 150     | 129     | 144     | 9.27   | cps   |
| Cadmium    | 111-1 | 3073    | 3468    | 3073    | 3205    | 7.11   | cps   |
| Calcium    | 43-1  | 13249   | 12815   | 13090   | 13051   | 1.68   | cps   |
| Calcium    | 44-1  | 234428  | 230639  | 231455  | 232174  | 0.86   | cps   |
| Chromium   | 52-2  | 3444    | 3400    | 3210    | 3352    | 3.70   | cps   |
| Cobalt     | 59-2  | 2547    | 2407    | 2474    | 2476    | 2.83   | cps   |
| Copper     | 63-2  | 4721    | 4958    | 5068    | 4915    | 3.61   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 75      | 50      | 42      | 56      | 31.22  | cps   |
| Erbium     | 164-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 50      | 133     | 75      | 86      | 49.66  | cps   |
| Gadolinium | 160-2 | 17      | 10      | 3       | 10      | 66.70  | cps   |
| Holmium    | 165-1 | 7691384 | 7659925 | 7528126 | 7626478 | 1.14   | cps   |
| Holmium    | 165-2 | 2178548 | 2172745 | 2144696 | 2165330 | 0.84   | cps   |
| Indium     | 115-1 | 6908367 | 6834961 | 6809973 | 6851100 | 0.75   | cps   |
| Indium     | 115-2 | 390552  | 388807  | 396575  | 391978  | 1.04   | cps   |
| Iron       | 56-2  | 39662   | 40448   | 39495   | 39869   | 1.28   | cps   |
| Iron       | 57-2  | 1011    | 922     | 1039    | 991     | 6.15   | cps   |
| Lead       | 206-1 | 6613    | 6646    | 6330    | 6530    | 2.67   | cps   |
| Lead       | 207-1 | 6135    | 5857    | 5896    | 5963    | 2.52   | cps   |
| Lead       | 208-1 | 27429   | 26712   | 26267   | 26803   | 2.19   | cps   |
| Lithium    | 6-1   | 1157120 | 1159714 | 1155769 | 1157534 | 0.17   | cps   |
| Magnesium  | 24-2  | 19139   | 18229   | 19514   | 18961   | 3.49   | cps   |
| Manganese  | 55-2  | 400     | 417     | 400     | 406     | 2.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:12:29 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 30928   | 31513   | 31705   | 31382   | 1.29   | cps   |
| Molybdenum | 94-1  | 15701   | 17137   | 16703   | 16514   | 4.46   | cps   |
| Molybdenum | 95-1  | 19256   | 20099   | 20124   | 19826   | 2.49   | cps   |
| Molybdenum | 96-1  | 22036   | 22119   | 22386   | 22180   | 0.83   | cps   |
| Molybdenum | 97-1  | 12214   | 11847   | 11881   | 11981   | 1.69   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 40      | 20      | 100.00 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 870     | 977     | 890     | 912     | 6.22   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 16260   | 15943   | 16076   | 16093   | 0.99   | cps   |
| Rhodium    | 103-1 | 6631943 | 6635678 | 6508866 | 6592163 | 1.09   | cps   |
| Rhodium    | 103-2 | 2063485 | 2035757 | 2044886 | 2048043 | 0.69   | cps   |
| Scandium   | 45-1  | 4391910 | 4410191 | 4363131 | 4388411 | 0.54   | cps   |
| Scandium   | 45-2  | 43521   | 43965   | 44052   | 43846   | 0.65   | cps   |
| Selenium   | 77-2  | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 20      | 19      | 39      | 26      | 43.45  | cps   |
| Selenium   | 82-1  | 638     | 609     | 690     | 646     | 6.40   | cps   |
| Silicon    | 28-1  | 499974  | 491971  | 485092  | 492346  | 1.51   | cps   |
| Silver     | 109-1 | 13149   | 13332   | 13499   | 13327   | 1.32   | cps   |
| Silver     | 107-1 | 13240   | 12990   | 14317   | 13516   | 5.21   | cps   |
| Sodium     | 23-2  | 59157   | 59174   | 59082   | 59137   | 0.08   | cps   |
| Strontium  | 86-1  | 3301    | 3434    | 3492    | 3409    | 2.88   | cps   |
| Strontium  | 88-1  | 22511   | 23271   | 22828   | 22870   | 1.67   | cps   |
| Sulfur     | 34-1  | 401792  | 407258  | 406764  | 405271  | 0.75   | cps   |
| Terbium    | 159-1 | 8025482 | 8082933 | 7971301 | 8026572 | 0.70   | cps   |
| Terbium    | 159-2 | 2106661 | 2083229 | 2099804 | 2096565 | 0.57   | cps   |
| Thallium   | 203-1 | 6302    | 6794    | 6444    | 6513    | 3.89   | cps   |
| Thallium   | 205-1 | 15360   | 14884   | 14617   | 14954   | 2.52   | cps   |
| Tin        | 118-1 | 32967   | 32466   | 31279   | 32237   | 2.69   | cps   |
| Titanium   | 47-1  | 6043    | 5451    | 5526    | 5674    | 5.68   | cps   |
| Uranium    | 238-1 | 18590   | 18423   | 18139   | 18384   | 1.24   | cps   |
| Vanadium   | 51-2  | 4041    | 4001    | 4421    | 4154    | 5.58   | cps   |
| Yttrium    | 89-1  | 7451314 | 7443530 | 7305462 | 7400102 | 1.11   | cps   |
| Yttrium    | 89-2  | 291136  | 289679  | 290203  | 290339  | 0.25   | cps   |
| Zinc       | 66-2  | 417     | 497     | 473     | 462     | 8.90   | cps   |
| Zirconium  | 90-1  | 14325   | 15359   | 14942   | 14875   | 3.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 12:12:29 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3309 | 3259 | 3267 | 3278    | 0.82   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV027              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV027              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 13:57:02 | DataFile Name :   | 019CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3     | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|----------|-----------|--------|-------|
| Aluminium  | 27-2  | 462722    | 459850    | 461703   | 461425    | 0.32   | cps   |
| Antimony   | 121-1 | 5051261   | 5052609   | 5046886  | 5050252   | 0.06   | cps   |
| Arsenic    | 75-2  | 72126     | 71554     | 70981    | 71554     | 0.80   | cps   |
| Barium     | 135-1 | 5341293   | 5302426   | 5278558  | 5307426   | 0.60   | cps   |
| Barium     | 137-1 | 9000707   | 9086938   | 9076381  | 9054676   | 0.52   | cps   |
| Beryllium  | 9-1   | 813247    | 814906    | 813149   | 813767    | 0.12   | cps   |
| Bismuth    | 209-1 | 4106520   | 4491018   | 4462833  | 4353457   | 4.92   | cps   |
| Bismuth    | 209-2 | 1578288   | 1571033   | 1569439  | 1572920   | 0.30   | cps   |
| Boron      | 11-1  | 435619    | 443741    | 444824   | 441395    | 1.14   | cps   |
| Boron      | 10-1  | 94669     | 97312     | 97631    | 96537     | 1.68   | cps   |
| Cadmium    | 106-1 | 114047    | 113307    | 114172   | 113842    | 0.41   | cps   |
| Cadmium    | 108-1 | 76919     | 77169     | 76767    | 76952     | 0.26   | cps   |
| Cadmium    | 111-1 | 1082305   | 1079379   | 1077698  | 1079794   | 0.22   | cps   |
| Calcium    | 43-1  | 5993972   | 6027446   | 6009107  | 6010175   | 0.28   | cps   |
| Calcium    | 44-1  | 97746465  | 97741254  | 97585844 | 97691188  | 0.09   | cps   |
| Chromium   | 52-2  | 617169    | 619241    | 617527   | 617979    | 0.18   | cps   |
| Cobalt     | 59-2  | 1263458   | 1252219   | 1248330  | 1254669   | 0.63   | cps   |
| Copper     | 63-2  | 2190930   | 2142293   | 2127002  | 2153408   | 1.55   | cps   |
| Dysprosium | 156-1 | 142       | 217       | 158      | 172       | 22.87  | cps   |
| Dysprosium | 156-2 | 17        | 47        | 50       | 38        | 48.59  | cps   |
| Erbium     | 164-1 | 50        | 58        | 150      | 86        | 64.44  | cps   |
| Erbium     | 164-2 | 30        | 23        | 30       | 28        | 13.86  | cps   |
| Gadolinium | 160-1 | 117       | 183       | 233      | 178       | 32.93  | cps   |
| Gadolinium | 160-2 | 60        | 60        | 57       | 59        | 3.26   | cps   |
| Holmium    | 165-1 | 7085371   | 7698612   | 7745230  | 7509737   | 4.90   | cps   |
| Holmium    | 165-2 | 2180640   | 2161313   | 2162115  | 2168023   | 0.50   | cps   |
| Indium     | 115-1 | 6025686   | 6572746   | 6579669  | 6392700   | 4.97   | cps   |
| Indium     | 115-2 | 372334    | 368505    | 368817   | 369885    | 0.57   | cps   |
| Iron       | 56-2  | 100863855 | 100624338 | 99889408 | 100459200 | 0.51   | cps   |
| Iron       | 57-2  | 2567204   | 2532502   | 2538395  | 2546034   | 0.73   | cps   |
| Lead       | 206-1 | 2778902   | 2779675   | 2742895  | 2767158   | 0.76   | cps   |
| Lead       | 207-1 | 2574345   | 2565504   | 2588232  | 2576027   | 0.44   | cps   |
| Lead       | 208-1 | 11378759  | 11339193  | 11287773 | 11335242  | 0.40   | cps   |
| Lithium    | 6-1   | 1072976   | 1180289   | 1157487  | 1136917   | 4.97   | cps   |
| Magnesium  | 24-2  | 10850065  | 10866321  | 10893246 | 10869877  | 0.20   | cps   |
| Manganese  | 55-2  | 353384    | 355368    | 351259   | 353337    | 0.58   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV027              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV027              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 13:57:02 | DataFile Name :   | 019CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3704699  | 3663526  | 3673956  | 3680727  | 0.58   | cps   |
| Molybdenum | 94-1  | 4305229  | 4306736  | 4304650  | 4305539  | 0.03   | cps   |
| Molybdenum | 95-1  | 2352440  | 2339964  | 2354915  | 2349106  | 0.34   | cps   |
| Molybdenum | 96-1  | 3017013  | 3017443  | 3007811  | 3014089  | 0.18   | cps   |
| Molybdenum | 97-1  | 1433308  | 1416848  | 1439658  | 1429938  | 0.82   | cps   |
| Neodymium  | 150-1 | 400      | 400      | 267      | 356      | 21.65  | cps   |
| Neodymium  | 150-2 | 43       | 30       | 50       | 41       | 24.77  | cps   |
| Nickel     | 60-2  | 362619   | 359672   | 360361   | 360884   | 0.43   | cps   |
| Phosphorus | 31-2  | 6994     | 6960     | 7060     | 7005     | 0.73   | cps   |
| Potassium  | 39-2  | 3417793  | 3383709  | 3367314  | 3389605  | 0.76   | cps   |
| Rhodium    | 103-1 | 5649251  | 6144989  | 6189458  | 5994566  | 5.00   | cps   |
| Rhodium    | 103-2 | 1927576  | 1910589  | 1903794  | 1913987  | 0.64   | cps   |
| Scandium   | 45-1  | 4032547  | 4379154  | 4372857  | 4261520  | 4.65   | cps   |
| Scandium   | 45-2  | 43945    | 44016    | 43591    | 43851    | 0.52   | cps   |
| Selenium   | 77-2  | 520      | 583      | 597      | 567      | 7.23   | cps   |
| Selenium   | 78-2  | 1741     | 1863     | 1811     | 1805     | 3.40   | cps   |
| Selenium   | 82-1  | 69813    | 70332    | 69031    | 69726    | 0.94   | cps   |
| Silicon    | 28-1  | 2734257  | 2756321  | 2747426  | 2746001  | 0.40   | cps   |
| Silver     | 109-1 | 5199233  | 5245760  | 5220114  | 5221702  | 0.45   | cps   |
| Silver     | 107-1 | 5444106  | 5404485  | 5467983  | 5438858  | 0.59   | cps   |
| Sodium     | 23-2  | 26589886 | 26427519 | 26144449 | 26387285 | 0.85   | cps   |
| Strontium  | 86-1  | 1533112  | 1527116  | 1526481  | 1528903  | 0.24   | cps   |
| Strontium  | 88-1  | 13001108 | 12981087 | 12830574 | 12937590 | 0.72   | cps   |
| Sulfur     | 34-1  | 842737   | 831536   | 825088   | 833120   | 1.07   | cps   |
| Terbium    | 159-1 | 7365539  | 8131274  | 8186792  | 7894535  | 5.81   | cps   |
| Terbium    | 159-2 | 2111107  | 2111995  | 2092505  | 2105203  | 0.52   | cps   |
| Thallium   | 203-1 | 3518905  | 3473543  | 3443488  | 3478645  | 1.09   | cps   |
| Thallium   | 205-1 | 8094329  | 8090421  | 8079950  | 8088233  | 0.09   | cps   |
| Tin        | 118-1 | 3596377  | 3586886  | 3561398  | 3581554  | 0.51   | cps   |
| Titanium   | 47-1  | 650053   | 655639   | 647946   | 651213   | 0.61   | cps   |
| Uranium    | 238-1 | 10835938 | 10898977 | 10864059 | 10866325 | 0.29   | cps   |
| Vanadium   | 51-2  | 465446   | 461388   | 458163   | 461666   | 0.79   | cps   |
| Yttrium    | 89-1  | 6755016  | 7311599  | 7315148  | 7127255  | 4.52   | cps   |
| Yttrium    | 89-2  | 286424   | 285147   | 286301   | 285957   | 0.25   | cps   |
| Zinc       | 66-2  | 198482   | 197038   | 199807   | 198442   | 0.70   | cps   |
| Zirconium  | 90-1  | 8140336  | 8106461  | 8126652  | 8124483  | 0.21   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV027              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV027              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 13:57:02 | DataFile Name :   | 019CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1859093 | 1840862 | 1862801 | 1854252 | 0.63   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB027              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB027              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:00:00 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 42      | 33      | 44      | 28.65  | cps   |
| Antimony   | 121-1 | 2642    | 2159    | 2309    | 2370    | 10.44  | cps   |
| Arsenic    | 75-2  | 0       | 4       | 19      | 7       | 132.32 | cps   |
| Barium     | 135-1 | 33      | 42      | 50      | 42      | 19.99  | cps   |
| Barium     | 137-1 | 83      | 117     | 42      | 81      | 46.64  | cps   |
| Beryllium  | 9-1   | 228     | 167     | 161     | 185     | 19.98  | cps   |
| Bismuth    | 209-1 | 4720651 | 4718548 | 4716899 | 4718699 | 0.04   | cps   |
| Bismuth    | 209-2 | 1706331 | 1659373 | 1561064 | 1642256 | 4.51   | cps   |
| Boron      | 11-1  | 9871    | 9203    | 8811    | 9295    | 5.76   | cps   |
| Boron      | 10-1  | 2525    | 2342    | 1742    | 2203    | 18.60  | cps   |
| Cadmium    | 106-1 | 1584    | 1750    | 1600    | 1645    | 5.58   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 8       | 8       | 49.98  | cps   |
| Cadmium    | 111-1 | 1135    | 1225    | 1143    | 1168    | 4.25   | cps   |
| Calcium    | 43-1  | 2659    | 2759    | 2217    | 2545    | 11.33  | cps   |
| Calcium    | 44-1  | 55369   | 53034   | 53963   | 54122   | 2.17   | cps   |
| Chromium   | 52-2  | 1003    | 997     | 987     | 996     | 0.84   | cps   |
| Cobalt     | 59-2  | 47      | 23      | 40      | 37      | 32.79  | cps   |
| Copper     | 63-2  | 350     | 197     | 290     | 279     | 27.71  | cps   |
| Dysprosium | 156-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 42      | 83      | 50      | 60.09  | cps   |
| Erbium     | 164-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 75      | 92      | 67      | 78      | 16.37  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 7764545 | 7773381 | 7726663 | 7754863 | 0.32   | cps   |
| Holmium    | 165-2 | 2178815 | 2141979 | 2029276 | 2116690 | 3.68   | cps   |
| Indium     | 115-1 | 6981140 | 6848148 | 6834056 | 6887782 | 1.18   | cps   |
| Indium     | 115-2 | 394431  | 392633  | 367190  | 384751  | 3.96   | cps   |
| Iron       | 56-2  | 2934    | 2950    | 2923    | 2936    | 0.48   | cps   |
| Iron       | 57-2  | 128     | 94      | 83      | 102     | 22.71  | cps   |
| Lead       | 206-1 | 806     | 717     | 672     | 732     | 9.28   | cps   |
| Lead       | 207-1 | 633     | 550     | 678     | 620     | 10.46  | cps   |
| Lead       | 208-1 | 2928    | 2656    | 2728    | 2771    | 5.09   | cps   |
| Lithium    | 6-1   | 1196368 | 1185739 | 1200671 | 1194259 | 0.64   | cps   |
| Magnesium  | 24-2  | 267     | 317     | 275     | 286     | 9.36   | cps   |
| Manganese  | 55-2  | 57      | 83      | 67      | 69      | 19.56  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB027              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB027              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:00:00 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 617     | 400     | 450     | 489     | 23.21   | cps   |
| Molybdenum | 94-1  | 667     | 592     | 592     | 617     | 7.02    | cps   |
| Molybdenum | 95-1  | 267     | 317     | 267     | 283     | 10.19   | cps   |
| Molybdenum | 96-1  | 617     | 483     | 367     | 489     | 25.59   | cps   |
| Molybdenum | 97-1  | 250     | 225     | 117     | 197     | 35.94   | cps   |
| Neodymium  | 150-1 | 13      | 20      | 0       | 11      | 91.66   | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 167     | 200     | 170     | 179     | 10.26   | cps   |
| Phosphorus | 31-2  | 25      | 8       | 17      | 17      | 50.01   | cps   |
| Potassium  | 39-2  | 4401    | 3892    | 4176    | 4156    | 6.13    | cps   |
| Rhodium    | 103-1 | 6791058 | 6658633 | 6585471 | 6678387 | 1.56    | cps   |
| Rhodium    | 103-2 | 2070093 | 2035874 | 1921634 | 2009200 | 3.87    | cps   |
| Scandium   | 45-1  | 4440914 | 4436637 | 4369734 | 4415761 | 0.90    | cps   |
| Scandium   | 45-2  | 44176   | 43290   | 40830   | 42765   | 4.05    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 2       | 2       | 2       | 0.00    | cps   |
| Selenium   | 82-1  | 19      | -64     | -20     | -21     | -194.13 | cps   |
| Silicon    | 28-1  | 451563  | 436976  | 432182  | 440240  | 2.29    | cps   |
| Silver     | 109-1 | 158     | 217     | 150     | 175     | 20.76   | cps   |
| Silver     | 107-1 | 150     | 225     | 267     | 214     | 27.64   | cps   |
| Sodium     | 23-2  | 10688   | 10646   | 10254   | 10529   | 2.27    | cps   |
| Strontium  | 86-1  | 1008    | 917     | 842     | 922     | 9.05    | cps   |
| Strontium  | 88-1  | 200     | 267     | 275     | 247     | 16.63   | cps   |
| Sulfur     | 34-1  | 410827  | 411988  | 410583  | 411133  | 0.18    | cps   |
| Terbium    | 159-1 | 8169224 | 8119878 | 8071946 | 8120350 | 0.60    | cps   |
| Terbium    | 159-2 | 2098198 | 2083896 | 1955487 | 2045860 | 3.84    | cps   |
| Thallium   | 203-1 | 850     | 950     | 725     | 842     | 13.39   | cps   |
| Thallium   | 205-1 | 2025    | 1934    | 1909    | 1956    | 3.14    | cps   |
| Tin        | 118-1 | 1842    | 1809    | 1850    | 1834    | 1.20    | cps   |
| Titanium   | 47-1  | 125     | 158     | 117     | 133     | 16.54   | cps   |
| Uranium    | 238-1 | 158     | 83      | 133     | 125     | 30.55   | cps   |
| Vanadium   | 51-2  | 17      | 10      | 17      | 14      | 26.66   | cps   |
| Yttrium    | 89-1  | 7453372 | 7445981 | 7378540 | 7425964 | 0.56    | cps   |
| Yttrium    | 89-2  | 291434  | 287432  | 271686  | 283517  | 3.68    | cps   |
| Zinc       | 66-2  | 83      | 47      | 40      | 57      | 41.18   | cps   |
| Zirconium  | 90-1  | 983     | 1325    | 1125    | 1145    | 15.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB027              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB027              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:00:00 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 292  | 358  | 300     | 18.22  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:03:08 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 0       | 17      | 14      | 91.65  | cps   |
| Antimony   | 121-1 | 742     | 883     | 717     | 781     | 11.52  | cps   |
| Arsenic    | 75-2  | 0       | 0       | 2       | 1       | 173.21 | cps   |
| Barium     | 135-1 | 0       | 33      | 58      | 31      | 95.79  | cps   |
| Barium     | 137-1 | 33      | 33      | 83      | 50      | 57.75  | cps   |
| Beryllium  | 9-1   | 161     | 106     | 106     | 124     | 25.85  | cps   |
| Bismuth    | 209-1 | 4599048 | 4639407 | 4546598 | 4595018 | 1.01   | cps   |
| Bismuth    | 209-2 | 1665424 | 1654231 | 1649794 | 1656483 | 0.49   | cps   |
| Boron      | 11-1  | 4843    | 5068    | 4693    | 4868    | 3.88   | cps   |
| Boron      | 10-1  | 1175    | 992     | 867     | 1011    | 15.34  | cps   |
| Cadmium    | 106-1 | 1784    | 1800    | 1584    | 1722    | 7.00   | cps   |
| Cadmium    | 108-1 | 8       | 13      | 4       | 8       | 49.98  | cps   |
| Cadmium    | 111-1 | 1263    | 1264    | 1106    | 1211    | 7.54   | cps   |
| Calcium    | 43-1  | 2584    | 2742    | 2175    | 2500    | 11.70  | cps   |
| Calcium    | 44-1  | 54139   | 54725   | 56615   | 55160   | 2.35   | cps   |
| Chromium   | 52-2  | 1033    | 973     | 1053    | 1020    | 4.08   | cps   |
| Cobalt     | 59-2  | 63      | 37      | 40      | 47      | 31.13  | cps   |
| Copper     | 63-2  | 243     | 243     | 220     | 236     | 5.72   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Erbium     | 164-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 3       | 13      | 3       | 7       | 86.65  | cps   |
| Gadolinium | 160-1 | 17      | 75      | 50      | 47      | 61.97  | cps   |
| Gadolinium | 160-2 | 20      | 7       | 3       | 10      | 88.20  | cps   |
| Holmium    | 165-1 | 7655445 | 7564645 | 7536795 | 7585628 | 0.82   | cps   |
| Holmium    | 165-2 | 2165952 | 2141727 | 2133254 | 2146978 | 0.79   | cps   |
| Indium     | 115-1 | 6929215 | 6825547 | 6742092 | 6832285 | 1.37   | cps   |
| Indium     | 115-2 | 396206  | 391747  | 389269  | 392408  | 0.90   | cps   |
| Iron       | 56-2  | 2506    | 2445    | 2767    | 2573    | 6.65   | cps   |
| Iron       | 57-2  | 61      | 128     | 61      | 83      | 46.20  | cps   |
| Lead       | 206-1 | 528     | 556     | 517     | 533     | 3.76   | cps   |
| Lead       | 207-1 | 539     | 578     | 522     | 546     | 5.22   | cps   |
| Lead       | 208-1 | 2278    | 2245    | 2089    | 2204    | 4.58   | cps   |
| Lithium    | 6-1   | 1187716 | 1173985 | 1162968 | 1174890 | 1.06   | cps   |
| Magnesium  | 24-2  | 142     | 233     | 242     | 206     | 26.99  | cps   |
| Manganese  | 55-2  | 73      | 53      | 50      | 59      | 21.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:03:08 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 142     | 67      | 133     | 114     | 36.10   | cps   |
| Molybdenum | 94-1  | 317     | 325     | 350     | 331     | 5.25    | cps   |
| Molybdenum | 95-1  | 75      | 100     | 142     | 106     | 31.91   | cps   |
| Molybdenum | 96-1  | 225     | 267     | 192     | 228     | 16.50   | cps   |
| Molybdenum | 97-1  | 92      | 75      | 108     | 92      | 18.18   | cps   |
| Neodymium  | 150-1 | 40      | 40      | 13      | 31      | 49.50   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 163     | 193     | 167     | 174     | 9.43    | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Potassium  | 39-2  | 3617    | 4142    | 3909    | 3890    | 6.76    | cps   |
| Rhodium    | 103-1 | 6622062 | 6592138 | 6622177 | 6612126 | 0.26    | cps   |
| Rhodium    | 103-2 | 2085069 | 2056864 | 2030965 | 2057633 | 1.32    | cps   |
| Scandium   | 45-1  | 4417778 | 4419238 | 4355145 | 4397387 | 0.83    | cps   |
| Scandium   | 45-2  | 43691   | 43992   | 43133   | 43606   | 1.00    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 6       | 0       | 0       | 2       | 173.21  | cps   |
| Selenium   | 82-1  | 69      | -75     | -43     | -16     | -458.52 | cps   |
| Silicon    | 28-1  | 430103  | 430387  | 435208  | 431899  | 0.66    | cps   |
| Silver     | 109-1 | 100     | 75      | 108     | 94      | 18.37   | cps   |
| Silver     | 107-1 | 117     | 108     | 67      | 97      | 27.55   | cps   |
| Sodium     | 23-2  | 8253    | 8720    | 8561    | 8511    | 2.79    | cps   |
| Strontium  | 86-1  | 833     | 725     | 917     | 825     | 11.65   | cps   |
| Strontium  | 88-1  | 242     | 225     | 200     | 222     | 9.44    | cps   |
| Sulfur     | 34-1  | 407524  | 411319  | 408368  | 409071  | 0.49    | cps   |
| Terbium    | 159-1 | 8077644 | 8030528 | 7935161 | 8014444 | 0.91    | cps   |
| Terbium    | 159-2 | 2119799 | 2054030 | 2074088 | 2082639 | 1.62    | cps   |
| Thallium   | 203-1 | 233     | 158     | 275     | 222     | 26.61   | cps   |
| Thallium   | 205-1 | 667     | 575     | 658     | 633     | 8.00    | cps   |
| Tin        | 118-1 | 1133    | 1408    | 1317    | 1286    | 10.89   | cps   |
| Titanium   | 47-1  | 158     | 208     | 200     | 189     | 14.18   | cps   |
| Uranium    | 238-1 | 58      | 67      | 58      | 61      | 7.87    | cps   |
| Vanadium   | 51-2  | 23      | 27      | 23      | 24      | 7.89    | cps   |
| Yttrium    | 89-1  | 7479667 | 7536744 | 7360677 | 7459029 | 1.20    | cps   |
| Yttrium    | 89-2  | 291379  | 288715  | 288106  | 289400  | 0.60    | cps   |
| Zinc       | 66-2  | 63      | 27      | 47      | 46      | 40.29   | cps   |
| Zirconium  | 90-1  | 975     | 783     | 942     | 900     | 11.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:03:08 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 108  | 200  | 144     | 33.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:06:15 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 283     | 350     | 292     | 308     | 11.78  | cps   |
| Antimony   | 121-1 | 37412   | 38081   | 37880   | 37791   | 0.91   | cps   |
| Arsenic    | 75-2  | 304     | 322     | 335     | 320     | 4.94   | cps   |
| Barium     | 135-1 | 37755   | 38624   | 37630   | 38003   | 1.43   | cps   |
| Barium     | 137-1 | 64633   | 66007   | 66367   | 65669   | 1.39   | cps   |
| Beryllium  | 9-1   | 3373    | 3267    | 3200    | 3280    | 2.65   | cps   |
| Bismuth    | 209-1 | 4486896 | 4419583 | 4439273 | 4448584 | 0.78   | cps   |
| Bismuth    | 209-2 | 1630647 | 1627077 | 1621041 | 1626255 | 0.30   | cps   |
| Boron      | 11-1  | 39982   | 41210   | 41996   | 41062   | 2.47   | cps   |
| Boron      | 10-1  | 8319    | 9128    | 8953    | 8800    | 4.84   | cps   |
| Cadmium    | 106-1 | 2009    | 2009    | 2050    | 2022    | 1.19   | cps   |
| Cadmium    | 108-1 | 354     | 354     | 250     | 319     | 18.83  | cps   |
| Cadmium    | 111-1 | 5342    | 5492    | 5232    | 5355    | 2.44   | cps   |
| Calcium    | 43-1  | 24022   | 24815   | 25600   | 24812   | 3.18   | cps   |
| Calcium    | 44-1  | 416386  | 422138  | 423855  | 420793  | 0.93   | cps   |
| Chromium   | 52-2  | 5611    | 5888    | 5925    | 5808    | 2.95   | cps   |
| Cobalt     | 59-2  | 5228    | 5081    | 5224    | 5178    | 1.62   | cps   |
| Copper     | 63-2  | 9273    | 9417    | 9383    | 9358    | 0.80   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 42      | 42      | 50      | 28.87  | cps   |
| Erbium     | 164-2 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Gadolinium | 160-1 | 58      | 67      | 92      | 72      | 24.02  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 7455936 | 7323030 | 7355562 | 7378176 | 0.94   | cps   |
| Holmium    | 165-2 | 2154529 | 2147674 | 2151816 | 2151340 | 0.16   | cps   |
| Indium     | 115-1 | 6718980 | 6687245 | 6724141 | 6710122 | 0.30   | cps   |
| Indium     | 115-2 | 391722  | 391739  | 393436  | 392299  | 0.25   | cps   |
| Iron       | 56-2  | 319049  | 316532  | 315507  | 317029  | 0.57   | cps   |
| Iron       | 57-2  | 8153    | 7613    | 7769    | 7845    | 3.54   | cps   |
| Lead       | 206-1 | 12968   | 12929   | 12473   | 12790   | 2.15   | cps   |
| Lead       | 207-1 | 11561   | 11589   | 11494   | 11548   | 0.42   | cps   |
| Lead       | 208-1 | 51993   | 51982   | 50824   | 51600   | 1.30   | cps   |
| Lithium    | 6-1   | 1148994 | 1157637 | 1162179 | 1156270 | 0.58   | cps   |
| Magnesium  | 24-2  | 41796   | 41645   | 40233   | 41225   | 2.09   | cps   |
| Manganese  | 55-2  | 783     | 740     | 833     | 786     | 5.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:06:15 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 66907   | 65459   | 66808   | 66391   | 1.22   | cps   |
| Molybdenum | 94-1  | 35046   | 33634   | 35196   | 34626   | 2.49   | cps   |
| Molybdenum | 95-1  | 40720   | 41064   | 41355   | 41046   | 0.77   | cps   |
| Molybdenum | 96-1  | 46179   | 46573   | 46949   | 46567   | 0.83   | cps   |
| Molybdenum | 97-1  | 25216   | 25592   | 25592   | 25466   | 0.85   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 33      | 18      | 78.05  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 1707    | 1613    | 1573    | 1631    | 4.19   | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 30584   | 29415   | 29666   | 29888   | 2.06   | cps   |
| Rhodium    | 103-1 | 6530110 | 6474978 | 6499528 | 6501539 | 0.42   | cps   |
| Rhodium    | 103-2 | 2040582 | 2027121 | 2033102 | 2033602 | 0.33   | cps   |
| Scandium   | 45-1  | 4387293 | 4333919 | 4413730 | 4378314 | 0.93   | cps   |
| Scandium   | 45-2  | 43671   | 43691   | 44387   | 43916   | 0.93   | cps   |
| Selenium   | 77-2  | 13      | 17      | 20      | 17      | 20.01  | cps   |
| Selenium   | 78-2  | 28      | 41      | 30      | 33      | 21.43  | cps   |
| Selenium   | 82-1  | 1430    | 1347    | 1353    | 1377    | 3.37   | cps   |
| Silicon    | 28-1  | 524814  | 526972  | 538283  | 530023  | 1.36   | cps   |
| Silver     | 109-1 | 20467   | 20216   | 19874   | 20185   | 1.47   | cps   |
| Silver     | 107-1 | 21343   | 22152   | 21293   | 21596   | 2.23   | cps   |
| Sodium     | 23-2  | 108385  | 108394  | 106934  | 107904  | 0.78   | cps   |
| Strontium  | 86-1  | 6585    | 6444    | 6769    | 6599    | 2.47   | cps   |
| Strontium  | 88-1  | 47777   | 47994   | 47726   | 47832   | 0.30   | cps   |
| Sulfur     | 34-1  | 411063  | 417804  | 412531  | 413800  | 0.86   | cps   |
| Terbium    | 159-1 | 7804504 | 7708694 | 7737955 | 7750384 | 0.63   | cps   |
| Terbium    | 159-2 | 2107608 | 2048775 | 2074036 | 2076807 | 1.42   | cps   |
| Thallium   | 203-1 | 12290   | 13049   | 13149   | 12829   | 3.66   | cps   |
| Thallium   | 205-1 | 30362   | 30605   | 30863   | 30610   | 0.82   | cps   |
| Tin        | 118-1 | 65184   | 65771   | 64004   | 64986   | 1.39   | cps   |
| Titanium   | 47-1  | 12806   | 11789   | 12156   | 12250   | 4.21   | cps   |
| Uranium    | 238-1 | 38143   | 37892   | 36881   | 37639   | 1.77   | cps   |
| Vanadium   | 51-2  | 8696    | 8810    | 8726    | 8744    | 0.67   | cps   |
| Yttrium    | 89-1  | 7299129 | 7220934 | 7364432 | 7294832 | 0.98   | cps   |
| Yttrium    | 89-2  | 290849  | 288386  | 289131  | 289455  | 0.44   | cps   |
| Zinc       | 66-2  | 877     | 883     | 797     | 852     | 5.66   | cps   |
| Zirconium  | 90-1  | 29951   | 29884   | 29683   | 29839   | 0.47   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:06:15 | DataFile Name :   | 022LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6994 | 6744 | 6719 | 6819    | 2.23   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4722-01RE Instrumnet Name : P8  
 Client Sample ID : ME7GE2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 14:13:30 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4751     | 5018     | 4684     | 4818     | 3.66   | cps   |
| Antimony   | 121-1 | 8620     | 8495     | 8328     | 8481     | 1.73   | cps   |
| Arsenic    | 75-2  | 489      | 470      | 435      | 465      | 5.87   | cps   |
| Barium     | 135-1 | 235987   | 235179   | 237283   | 236150   | 0.45   | cps   |
| Barium     | 137-1 | 408782   | 403572   | 404977   | 405777   | 0.66   | cps   |
| Beryllium  | 9-1   | 222      | 272      | 183      | 226      | 19.72  | cps   |
| Bismuth    | 209-1 | 4362091  | 4401877  | 4435199  | 4399722  | 0.83   | cps   |
| Bismuth    | 209-2 | 1669247  | 1667207  | 1671832  | 1669429  | 0.14   | cps   |
| Boron      | 11-1  | 54237    | 54463    | 54981    | 54560    | 0.70   | cps   |
| Boron      | 10-1  | 11705    | 12189    | 12689    | 12195    | 4.04   | cps   |
| Cadmium    | 106-1 | 1575     | 1900     | 1508     | 1661     | 12.62  | cps   |
| Cadmium    | 108-1 | 71       | 71       | 46       | 63       | 23.10  | cps   |
| Cadmium    | 111-1 | 1349     | 1622     | 1295     | 1422     | 12.35  | cps   |
| Calcium    | 43-1  | 1825790  | 1792790  | 1800340  | 1806306  | 0.96   | cps   |
| Calcium    | 44-1  | 29560848 | 29160413 | 28890341 | 29203867 | 1.16   | cps   |
| Chromium   | 52-2  | 4194     | 3974     | 4007     | 4058     | 2.92   | cps   |
| Cobalt     | 59-2  | 2134     | 2154     | 1990     | 2092     | 4.26   | cps   |
| Copper     | 63-2  | 29154    | 28730    | 28783    | 28889    | 0.80   | cps   |
| Dysprosium | 156-1 | 3051     | 3226     | 2809     | 3028     | 6.91   | cps   |
| Dysprosium | 156-2 | 947      | 797      | 857      | 867      | 8.71   | cps   |
| Erbium     | 164-1 | 2209     | 2475     | 2292     | 2325     | 5.87   | cps   |
| Erbium     | 164-2 | 720      | 600      | 713      | 678      | 9.95   | cps   |
| Gadolinium | 160-1 | 3042     | 2767     | 3284     | 3031     | 8.53   | cps   |
| Gadolinium | 160-2 | 1147     | 1127     | 1027     | 1100     | 5.84   | cps   |
| Holmium    | 165-1 | 7668963  | 7686424  | 7680503  | 7678630  | 0.12   | cps   |
| Holmium    | 165-2 | 2297100  | 2307501  | 2256803  | 2287135  | 1.17   | cps   |
| Indium     | 115-1 | 6980129  | 6913633  | 7045730  | 6979831  | 0.95   | cps   |
| Indium     | 115-2 | 415567   | 412789   | 412176   | 413510   | 0.44   | cps   |
| Iron       | 56-2  | 2107306  | 2079152  | 2094273  | 2093577  | 0.67   | cps   |
| Iron       | 57-2  | 52053    | 50882    | 52064    | 51667    | 1.32   | cps   |
| Lead       | 206-1 | 23255    | 22615    | 22209    | 22693    | 2.32   | cps   |
| Lead       | 207-1 | 19326    | 18570    | 19271    | 19055    | 2.21   | cps   |
| Lead       | 208-1 | 89290    | 87369    | 86850    | 87836    | 1.46   | cps   |
| Lithium    | 6-1   | 1179547  | 1186008  | 1208560  | 1191372  | 1.28   | cps   |
| Magnesium  | 24-2  | 823835   | 814545   | 819037   | 819139   | 0.57   | cps   |
| Manganese  | 55-2  | 63909    | 63748    | 64140    | 63932    | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01RE          | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:13:30 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 27437    | 26519    | 27938    | 27298    | 2.64   | cps   |
| Molybdenum | 94-1  | 16920    | 17888    | 16811    | 17206    | 3.45   | cps   |
| Molybdenum | 95-1  | 16761    | 17479    | 17645    | 17295    | 2.72   | cps   |
| Molybdenum | 96-1  | 19364    | 19990    | 19657    | 19671    | 1.59   | cps   |
| Molybdenum | 97-1  | 10129    | 10179    | 10663    | 10324    | 2.86   | cps   |
| Neodymium  | 150-1 | 5168     | 4868     | 5115     | 5050     | 3.17   | cps   |
| Neodymium  | 150-2 | 843      | 933      | 877      | 884      | 5.15   | cps   |
| Nickel     | 60-2  | 2754     | 2757     | 2730     | 2747     | 0.53   | cps   |
| Phosphorus | 31-2  | 50       | 75       | 100      | 75       | 33.34  | cps   |
| Potassium  | 39-2  | 189249   | 189247   | 187357   | 188618   | 0.58   | cps   |
| Rhodium    | 103-1 | 6558844  | 6560253  | 6568631  | 6562576  | 0.08   | cps   |
| Rhodium    | 103-2 | 2094752  | 2112878  | 2089927  | 2099185  | 0.58   | cps   |
| Scandium   | 45-1  | 4606613  | 4655277  | 4678489  | 4646793  | 0.79   | cps   |
| Scandium   | 45-2  | 46871    | 46022    | 45945    | 46279    | 1.11   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 13       | 17       | 11       | 14       | 20.85  | cps   |
| Selenium   | 82-1  | 169      | 113      | 152      | 145      | 19.85  | cps   |
| Silicon    | 28-1  | 18985321 | 18907259 | 18724962 | 18872514 | 0.71   | cps   |
| Silver     | 109-1 | 3267     | 3726     | 3709     | 3567     | 7.29   | cps   |
| Silver     | 107-1 | 3634     | 3751     | 4042     | 3809     | 5.52   | cps   |
| Sodium     | 23-2  | 15359423 | 15123951 | 15036369 | 15173248 | 1.10   | cps   |
| Strontium  | 86-1  | 529818   | 528959   | 523614   | 527464   | 0.64   | cps   |
| Strontium  | 88-1  | 4608735  | 4595520  | 4605461  | 4603239  | 0.15   | cps   |
| Sulfur     | 34-1  | 827975   | 828723   | 828550   | 828416   | 0.05   | cps   |
| Terbium    | 159-1 | 8094195  | 8005729  | 8152783  | 8084236  | 0.92   | cps   |
| Terbium    | 159-2 | 2213299  | 2218185  | 2190717  | 2207400  | 0.66   | cps   |
| Thallium   | 203-1 | 575      | 583      | 650      | 603      | 6.82   | cps   |
| Thallium   | 205-1 | 1450     | 1275     | 1325     | 1350     | 6.68   | cps   |
| Tin        | 118-1 | 4718     | 4709     | 5168     | 4865     | 5.39   | cps   |
| Titanium   | 47-1  | 16747    | 13858    | 16604    | 15736    | 10.35  | cps   |
| Uranium    | 238-1 | 9120     | 9654     | 9362     | 9379     | 2.85   | cps   |
| Vanadium   | 51-2  | 3080     | 3177     | 3317     | 3192     | 3.73   | cps   |
| Yttrium    | 89-1  | 7605998  | 7645087  | 7734772  | 7661952  | 0.86   | cps   |
| Yttrium    | 89-2  | 311025   | 307125   | 307562   | 308571   | 0.69   | cps   |
| Zinc       | 66-2  | 27504    | 28075    | 27524    | 27701    | 1.17   | cps   |
| Zirconium  | 90-1  | 19632    | 20075    | 23109    | 20939    | 9.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01RE          | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:13:30 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4518 | 4284 | 4042 | 4281    | 5.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:17:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4868     | 4868     | 4768     | 4834     | 1.19   | cps   |
| Antimony   | 121-1 | 7836     | 7544     | 7919     | 7766     | 2.54   | cps   |
| Arsenic    | 75-2  | 502      | 463      | 393      | 452      | 12.24  | cps   |
| Barium     | 135-1 | 241281   | 237987   | 237180   | 238816   | 0.91   | cps   |
| Barium     | 137-1 | 417009   | 404411   | 409928   | 410449   | 1.54   | cps   |
| Beryllium  | 9-1   | 350      | 178      | 183      | 237      | 41.29  | cps   |
| Bismuth    | 209-1 | 4553157  | 4486083  | 4511962  | 4517068  | 0.75   | cps   |
| Bismuth    | 209-2 | 1742083  | 1708010  | 1703535  | 1717876  | 1.23   | cps   |
| Boron      | 11-1  | 55006    | 55709    | 55442    | 55386    | 0.64   | cps   |
| Boron      | 10-1  | 12339    | 11338    | 12322    | 12000    | 4.78   | cps   |
| Cadmium    | 106-1 | 1792     | 1825     | 1867     | 1828     | 2.06   | cps   |
| Cadmium    | 108-1 | 79       | 71       | 38       | 63       | 35.28  | cps   |
| Cadmium    | 111-1 | 1482     | 1511     | 1514     | 1503     | 1.17   | cps   |
| Calcium    | 43-1  | 1858946  | 1822930  | 1804901  | 1828926  | 1.50   | cps   |
| Calcium    | 44-1  | 29819077 | 29621287 | 29435398 | 29625254 | 0.65   | cps   |
| Chromium   | 52-2  | 3921     | 4197     | 4281     | 4133     | 4.56   | cps   |
| Cobalt     | 59-2  | 2024     | 2007     | 2087     | 2039     | 2.07   | cps   |
| Copper     | 63-2  | 29662    | 29271    | 29658    | 29530    | 0.76   | cps   |
| Dysprosium | 156-1 | 3301     | 2984     | 2917     | 3067     | 6.68   | cps   |
| Dysprosium | 156-2 | 1003     | 883      | 857      | 914      | 8.54   | cps   |
| Erbium     | 164-1 | 2567     | 2642     | 2367     | 2525     | 5.63   | cps   |
| Erbium     | 164-2 | 733      | 637      | 650      | 673      | 7.78   | cps   |
| Gadolinium | 160-1 | 3151     | 2934     | 3159     | 3081     | 4.14   | cps   |
| Gadolinium | 160-2 | 1107     | 1133     | 1053     | 1098     | 3.71   | cps   |
| Holmium    | 165-1 | 7981259  | 7889519  | 7712933  | 7861237  | 1.73   | cps   |
| Holmium    | 165-2 | 2324325  | 2303547  | 2298328  | 2308734  | 0.60   | cps   |
| Indium     | 115-1 | 7155493  | 7183513  | 7047882  | 7128963  | 1.00   | cps   |
| Indium     | 115-2 | 420002   | 416056   | 416554   | 417537   | 0.51   | cps   |
| Iron       | 56-2  | 2145721  | 2112585  | 2133758  | 2130688  | 0.79   | cps   |
| Iron       | 57-2  | 53453    | 51579    | 51373    | 52135    | 2.20   | cps   |
| Lead       | 206-1 | 23211    | 22454    | 21964    | 22543    | 2.79   | cps   |
| Lead       | 207-1 | 19265    | 18697    | 18269    | 18744    | 2.67   | cps   |
| Lead       | 208-1 | 89619    | 87129    | 86646    | 87798    | 1.82   | cps   |
| Lithium    | 6-1   | 1222908  | 1222703  | 1221866  | 1222492  | 0.05   | cps   |
| Magnesium  | 24-2  | 820621   | 811913   | 819432   | 817322   | 0.58   | cps   |
| Manganese  | 55-2  | 65871    | 64947    | 65436    | 65418    | 0.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:17:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 28097    | 27863    | 28064    | 28008    | 0.45   | cps   |
| Molybdenum | 94-1  | 17103    | 16986    | 16870    | 16986    | 0.69   | cps   |
| Molybdenum | 95-1  | 17887    | 17854    | 18021    | 17921    | 0.49   | cps   |
| Molybdenum | 96-1  | 19757    | 20124    | 19648    | 19843    | 1.26   | cps   |
| Molybdenum | 97-1  | 10563    | 10913    | 11564    | 11013    | 4.61   | cps   |
| Neodymium  | 150-1 | 4801     | 4841     | 4841     | 4828     | 0.48   | cps   |
| Neodymium  | 150-2 | 873      | 900      | 937      | 903      | 3.52   | cps   |
| Nickel     | 60-2  | 2797     | 2697     | 2810     | 2768     | 2.24   | cps   |
| Phosphorus | 31-2  | 117      | 108      | 42       | 89       | 46.24  | cps   |
| Potassium  | 39-2  | 191934   | 188995   | 188142   | 189690   | 1.05   | cps   |
| Rhodium    | 103-1 | 6821566  | 6790254  | 6726692  | 6779504  | 0.71   | cps   |
| Rhodium    | 103-2 | 2129302  | 2108476  | 2116223  | 2118000  | 0.50   | cps   |
| Scandium   | 45-1  | 4777939  | 4780714  | 4687129  | 4748594  | 1.12   | cps   |
| Scandium   | 45-2  | 46560    | 46136    | 46286    | 46327    | 0.46   | cps   |
| Selenium   | 77-2  | 13       | 3        | 0        | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 9        | 9        | 4        | 7        | 43.34  | cps   |
| Selenium   | 82-1  | 95       | 108      | 121      | 108      | 11.89  | cps   |
| Silicon    | 28-1  | 19034358 | 19014204 | 18893943 | 18980835 | 0.40   | cps   |
| Silver     | 109-1 | 2950     | 3025     | 3351     | 3109     | 6.84   | cps   |
| Silver     | 107-1 | 3234     | 3176     | 2959     | 3123     | 4.64   | cps   |
| Sodium     | 23-2  | 15322852 | 15174170 | 15156786 | 15217936 | 0.60   | cps   |
| Strontium  | 86-1  | 534898   | 538358   | 536955   | 536737   | 0.32   | cps   |
| Strontium  | 88-1  | 4718621  | 4695991  | 4687707  | 4700773  | 0.34   | cps   |
| Sulfur     | 34-1  | 827190   | 827213   | 824532   | 826311   | 0.19   | cps   |
| Terbium    | 159-1 | 8215600  | 8281563  | 8133107  | 8210090  | 0.91   | cps   |
| Terbium    | 159-2 | 2265312  | 2217443  | 2217313  | 2233356  | 1.24   | cps   |
| Thallium   | 203-1 | 475      | 242      | 450      | 389      | 32.94  | cps   |
| Thallium   | 205-1 | 875      | 817      | 717      | 803      | 9.98   | cps   |
| Tin        | 118-1 | 4059     | 4017     | 3917     | 3998     | 1.82   | cps   |
| Titanium   | 47-1  | 16937    | 16212    | 15609    | 16252    | 4.09   | cps   |
| Uranium    | 238-1 | 9754     | 9354     | 9246     | 9451     | 2.84   | cps   |
| Vanadium   | 51-2  | 3207     | 3424     | 3094     | 3242     | 5.17   | cps   |
| Yttrium    | 89-1  | 7955476  | 7975691  | 7852310  | 7927826  | 0.83   | cps   |
| Yttrium    | 89-2  | 316521   | 311718   | 312930   | 313723   | 0.80   | cps   |
| Zinc       | 66-2  | 28426    | 28680    | 28576    | 28561    | 0.45   | cps   |
| Zirconium  | 90-1  | 20980    | 19565    | 19465    | 20003    | 4.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:17:41 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4659 | 4509 | 4701 | 4623    | 2.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:20:48 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5210     | 4868     | 4768     | 4948     | 4.68   | cps   |
| Antimony   | 121-1 | 7636     | 8236     | 7519     | 7797     | 4.93   | cps   |
| Arsenic    | 75-2  | 535      | 487      | 422      | 481      | 11.77  | cps   |
| Barium     | 135-1 | 237209   | 236027   | 235907   | 236381   | 0.30   | cps   |
| Barium     | 137-1 | 411825   | 409363   | 410810   | 410666   | 0.30   | cps   |
| Beryllium  | 9-1   | 256      | 194      | 183      | 211      | 18.42  | cps   |
| Bismuth    | 209-1 | 4635142  | 4515343  | 4500767  | 4550417  | 1.62   | cps   |
| Bismuth    | 209-2 | 1723815  | 1702710  | 1699706  | 1708744  | 0.77   | cps   |
| Boron      | 11-1  | 52991    | 54622    | 55784    | 54466    | 2.58   | cps   |
| Boron      | 10-1  | 11764    | 11897    | 11639    | 11766    | 1.10   | cps   |
| Cadmium    | 106-1 | 1784     | 1859     | 1709     | 1784     | 4.21   | cps   |
| Cadmium    | 108-1 | 67       | 29       | 71       | 56       | 41.31  | cps   |
| Cadmium    | 111-1 | 1473     | 1531     | 1396     | 1467     | 4.59   | cps   |
| Calcium    | 43-1  | 1858376  | 1853093  | 1844707  | 1852059  | 0.37   | cps   |
| Calcium    | 44-1  | 29628309 | 29497741 | 29416338 | 29514129 | 0.36   | cps   |
| Chromium   | 52-2  | 4381     | 4387     | 4151     | 4306     | 3.13   | cps   |
| Cobalt     | 59-2  | 2184     | 2134     | 2030     | 2116     | 3.70   | cps   |
| Copper     | 63-2  | 28733    | 28967    | 28910    | 28870    | 0.42   | cps   |
| Dysprosium | 156-1 | 2925     | 3259     | 3034     | 3073     | 5.53   | cps   |
| Dysprosium | 156-2 | 760      | 827      | 907      | 831      | 8.84   | cps   |
| Erbium     | 164-1 | 2409     | 2500     | 2442     | 2450     | 1.89   | cps   |
| Erbium     | 164-2 | 737      | 703      | 693      | 711      | 3.19   | cps   |
| Gadolinium | 160-1 | 3176     | 3042     | 2942     | 3053     | 3.83   | cps   |
| Gadolinium | 160-2 | 1020     | 1163     | 1193     | 1126     | 8.23   | cps   |
| Holmium    | 165-1 | 7813599  | 7835852  | 7809544  | 7819665  | 0.18   | cps   |
| Holmium    | 165-2 | 2323970  | 2330290  | 2298212  | 2317491  | 0.73   | cps   |
| Indium     | 115-1 | 7142822  | 7108169  | 7193048  | 7148013  | 0.60   | cps   |
| Indium     | 115-2 | 421638   | 417600   | 418580   | 419273   | 0.50   | cps   |
| Iron       | 56-2  | 2132592  | 2110368  | 2092722  | 2111894  | 0.95   | cps   |
| Iron       | 57-2  | 52655    | 52059    | 53743    | 52819    | 1.62   | cps   |
| Lead       | 206-1 | 22771    | 22398    | 22888    | 22686    | 1.13   | cps   |
| Lead       | 207-1 | 18826    | 18253    | 18798    | 18625    | 1.73   | cps   |
| Lead       | 208-1 | 87340    | 86473    | 87480    | 87098    | 0.63   | cps   |
| Lithium    | 6-1   | 1218565  | 1198649  | 1198345  | 1205186  | 0.96   | cps   |
| Magnesium  | 24-2  | 818748   | 807808   | 816631   | 814396   | 0.71   | cps   |
| Manganese  | 55-2  | 64803    | 64096    | 65279    | 64726    | 0.92   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:20:48 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 28372    | 28155    | 27562    | 28030    | 1.50   | cps   |
| Molybdenum | 94-1  | 16986    | 16185    | 16811    | 16661    | 2.53   | cps   |
| Molybdenum | 95-1  | 17437    | 17612    | 17445    | 17498    | 0.57   | cps   |
| Molybdenum | 96-1  | 20191    | 19415    | 19231    | 19612    | 2.60   | cps   |
| Molybdenum | 97-1  | 11139    | 10580    | 10413    | 10710    | 3.55   | cps   |
| Neodymium  | 150-1 | 5181     | 4901     | 4954     | 5012     | 2.97   | cps   |
| Neodymium  | 150-2 | 947      | 903      | 843      | 898      | 5.78   | cps   |
| Nickel     | 60-2  | 2897     | 2737     | 2694     | 2776     | 3.86   | cps   |
| Phosphorus | 31-2  | 125      | 33       | 125      | 94       | 56.04  | cps   |
| Potassium  | 39-2  | 192273   | 189712   | 190869   | 190951   | 0.67   | cps   |
| Rhodium    | 103-1 | 6783097  | 6731345  | 6690810  | 6735084  | 0.69   | cps   |
| Rhodium    | 103-2 | 2149694  | 2112538  | 2135713  | 2132648  | 0.88   | cps   |
| Scandium   | 45-1  | 4782480  | 4732296  | 4787495  | 4767424  | 0.64   | cps   |
| Scandium   | 45-2  | 46891    | 46380    | 47246    | 46839    | 0.93   | cps   |
| Selenium   | 77-2  | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 0        | 0        | 15       | 5        | 173.21 | cps   |
| Selenium   | 82-1  | 11       | 67       | 131      | 70       | 86.60  | cps   |
| Silicon    | 28-1  | 18987823 | 19214945 | 18903126 | 19035298 | 0.85   | cps   |
| Silver     | 109-1 | 2359     | 2225     | 2534     | 2373     | 6.52   | cps   |
| Silver     | 107-1 | 2584     | 2284     | 2275     | 2381     | 7.38   | cps   |
| Sodium     | 23-2  | 15339678 | 15104868 | 15259796 | 15234781 | 0.78   | cps   |
| Strontium  | 86-1  | 538141   | 539276   | 531122   | 536180   | 0.82   | cps   |
| Strontium  | 88-1  | 4635572  | 4691527  | 4595173  | 4640757  | 1.04   | cps   |
| Sulfur     | 34-1  | 818406   | 813510   | 816125   | 816014   | 0.30   | cps   |
| Terbium    | 159-1 | 8223373  | 8231721  | 8143541  | 8199545  | 0.59   | cps   |
| Terbium    | 159-2 | 2282737  | 2258330  | 2203232  | 2248100  | 1.81   | cps   |
| Thallium   | 203-1 | 275      | 317      | 200      | 264      | 22.41  | cps   |
| Thallium   | 205-1 | 533      | 717      | 692      | 647      | 15.36  | cps   |
| Tin        | 118-1 | 3234     | 3309     | 3401     | 3314     | 2.52   | cps   |
| Titanium   | 47-1  | 16245    | 15084    | 15051    | 15460    | 4.40   | cps   |
| Uranium    | 238-1 | 9096     | 9721     | 9429     | 9415     | 3.32   | cps   |
| Vanadium   | 51-2  | 3457     | 3164     | 3477     | 3366     | 5.21   | cps   |
| Yttrium    | 89-1  | 7872927  | 8022103  | 7842555  | 7912528  | 1.21   | cps   |
| Yttrium    | 89-2  | 316013   | 313744   | 314341   | 314699   | 0.37   | cps   |
| Zinc       | 66-2  | 28015    | 27307    | 27594    | 27639    | 1.29   | cps   |
| Zirconium  | 90-1  | 19650    | 18998    | 18856    | 19168    | 2.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:20:48 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5112 | 4376 | 4042 | 4510    | 12.13  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 14:23:55 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 808     | 1075    | 842     | 908     | 16.00  | cps   |
| Antimony   | 121-1 | 1675    | 1350    | 1383    | 1470    | 12.17  | cps   |
| Arsenic    | 75-2  | 91      | 72      | 93      | 85      | 13.22  | cps   |
| Barium     | 135-1 | 44902   | 44760   | 45554   | 45072   | 0.94   | cps   |
| Barium     | 137-1 | 78400   | 77628   | 77469   | 77832   | 0.64   | cps   |
| Beryllium  | 9-1   | 122     | 94      | 100     | 106     | 13.93  | cps   |
| Bismuth    | 209-1 | 4451017 | 4472200 | 4420766 | 4447994 | 0.58   | cps   |
| Bismuth    | 209-2 | 1683622 | 1678528 | 1670388 | 1677513 | 0.40   | cps   |
| Boron      | 11-1  | 12831   | 13791   | 13599   | 13407   | 3.79   | cps   |
| Boron      | 10-1  | 2792    | 2859    | 2892    | 2848    | 1.79   | cps   |
| Cadmium    | 106-1 | 1684    | 1408    | 1642    | 1578    | 9.39   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 33      | 19      | 65.47  | cps   |
| Cadmium    | 111-1 | 1239    | 1053    | 1172    | 1155    | 8.15   | cps   |
| Calcium    | 43-1  | 340742  | 339983  | 342304  | 341010  | 0.35   | cps   |
| Calcium    | 44-1  | 5587384 | 5559855 | 5636065 | 5594435 | 0.69   | cps   |
| Chromium   | 52-2  | 1583    | 1637    | 1780    | 1667    | 6.10   | cps   |
| Cobalt     | 59-2  | 440     | 430     | 373     | 414     | 8.67   | cps   |
| Copper     | 63-2  | 5988    | 6202    | 6285    | 6158    | 2.49   | cps   |
| Dysprosium | 156-1 | 550     | 658     | 475     | 561     | 16.43  | cps   |
| Dysprosium | 156-2 | 150     | 187     | 200     | 179     | 14.48  | cps   |
| Erbium     | 164-1 | 492     | 525     | 400     | 472     | 13.71  | cps   |
| Erbium     | 164-2 | 150     | 160     | 157     | 156     | 3.27   | cps   |
| Gadolinium | 160-1 | 775     | 708     | 575     | 686     | 14.84  | cps   |
| Gadolinium | 160-2 | 200     | 223     | 203     | 209     | 6.04   | cps   |
| Holmium    | 165-1 | 7505861 | 7557651 | 7545698 | 7536404 | 0.36   | cps   |
| Holmium    | 165-2 | 2243190 | 2253126 | 2243059 | 2246458 | 0.26   | cps   |
| Indium     | 115-1 | 6898029 | 6841317 | 6906882 | 6882076 | 0.52   | cps   |
| Indium     | 115-2 | 405917  | 405031  | 403425  | 404791  | 0.31   | cps   |
| Iron       | 56-2  | 394660  | 395790  | 392721  | 394390  | 0.39   | cps   |
| Iron       | 57-2  | 10148   | 10404   | 9643    | 10065   | 3.85   | cps   |
| Lead       | 206-1 | 5235    | 4779    | 4734    | 4916    | 5.63   | cps   |
| Lead       | 207-1 | 3856    | 3812    | 3751    | 3806    | 1.39   | cps   |
| Lead       | 208-1 | 18317   | 18161   | 17822   | 18100   | 1.40   | cps   |
| Lithium    | 6-1   | 1163988 | 1150983 | 1172289 | 1162420 | 0.92   | cps   |
| Magnesium  | 24-2  | 153167  | 153217  | 151517  | 152634  | 0.63   | cps   |
| Manganese  | 55-2  | 12289   | 12509   | 12296   | 12365   | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 14:23:55 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 5059    | 5585    | 5210    | 5285    | 5.12    | cps   |
| Molybdenum | 94-1  | 3259    | 3501    | 3384    | 3381    | 3.58    | cps   |
| Molybdenum | 95-1  | 3676    | 3267    | 3234    | 3392    | 7.25    | cps   |
| Molybdenum | 96-1  | 3634    | 3867    | 4084    | 3862    | 5.83    | cps   |
| Molybdenum | 97-1  | 1850    | 2217    | 2042    | 2036    | 9.01    | cps   |
| Neodymium  | 150-1 | 1047    | 900     | 907     | 951     | 8.71    | cps   |
| Neodymium  | 150-2 | 203     | 190     | 177     | 190     | 7.02    | cps   |
| Nickel     | 60-2  | 740     | 660     | 573     | 658     | 12.67   | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Potassium  | 39-2  | 39807   | 38411   | 38270   | 38829   | 2.19    | cps   |
| Rhodium    | 103-1 | 6610481 | 6610721 | 6649701 | 6623634 | 0.34    | cps   |
| Rhodium    | 103-2 | 2105046 | 2090485 | 2091630 | 2095720 | 0.39    | cps   |
| Scandium   | 45-1  | 4511152 | 4493507 | 4533455 | 4512705 | 0.44    | cps   |
| Scandium   | 45-2  | 44741   | 44263   | 44427   | 44477   | 0.55    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 2       | 7       | 7       | 6       | 57.77   | cps   |
| Selenium   | 82-1  | -38     | 30      | -23     | -11     | -339.89 | cps   |
| Silicon    | 28-1  | 3880530 | 3806241 | 3877484 | 3854752 | 1.09    | cps   |
| Silver     | 109-1 | 883     | 983     | 1008    | 958     | 6.90    | cps   |
| Silver     | 107-1 | 992     | 1067    | 933     | 997     | 6.70    | cps   |
| Sodium     | 23-2  | 2881683 | 2872170 | 2832921 | 2862258 | 0.90    | cps   |
| Strontium  | 86-1  | 101509  | 101115  | 100727  | 101117  | 0.39    | cps   |
| Strontium  | 88-1  | 873307  | 873381  | 876920  | 874536  | 0.24    | cps   |
| Sulfur     | 34-1  | 483075  | 482848  | 487649  | 484524  | 0.56    | cps   |
| Terbium    | 159-1 | 7922783 | 7890011 | 8017488 | 7943427 | 0.83    | cps   |
| Terbium    | 159-2 | 2171812 | 2179182 | 2147489 | 2166161 | 0.77    | cps   |
| Thallium   | 203-1 | 100     | 125     | 133     | 119     | 14.53   | cps   |
| Thallium   | 205-1 | 250     | 225     | 325     | 267     | 19.52   | cps   |
| Tin        | 118-1 | 1575    | 1275    | 1175    | 1342    | 15.52   | cps   |
| Titanium   | 47-1  | 6209    | 3292    | 2909    | 4137    | 43.63   | cps   |
| Uranium    | 238-1 | 1684    | 1817    | 1942    | 1814    | 7.12    | cps   |
| Vanadium   | 51-2  | 633     | 677     | 607     | 639     | 5.53    | cps   |
| Yttrium    | 89-1  | 7562166 | 7559077 | 7473696 | 7531646 | 0.67    | cps   |
| Yttrium    | 89-2  | 302236  | 300722  | 297855  | 300271  | 0.74    | cps   |
| Zinc       | 66-2  | 5408    | 5331    | 5338    | 5359    | 0.79    | cps   |
| Zirconium  | 90-1  | 3751    | 3367    | 4076    | 3731    | 9.51    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 14:23:55 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 875  | 858  | 875  | 870     | 1.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:27:03 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 21517    | 22702    | 22377    | 22199    | 2.76   | cps   |
| Antimony   | 121-1 | 1008517  | 988667   | 1002597  | 999927   | 1.02   | cps   |
| Arsenic    | 75-2  | 6483     | 6316     | 6329     | 6376     | 1.45   | cps   |
| Barium     | 135-1 | 4428846  | 4355641  | 4439489  | 4407992  | 1.04   | cps   |
| Barium     | 137-1 | 7576066  | 7442676  | 7459860  | 7492868  | 0.97   | cps   |
| Beryllium  | 9-1   | 79776    | 78681    | 78072    | 78843    | 1.09   | cps   |
| Bismuth    | 209-1 | 4475271  | 4494841  | 4505355  | 4491822  | 0.34   | cps   |
| Bismuth    | 209-2 | 1755737  | 1692235  | 1685076  | 1711016  | 2.27   | cps   |
| Boron      | 11-1  | 53183    | 52647    | 54011    | 53280    | 1.29   | cps   |
| Boron      | 10-1  | 11605    | 11330    | 11805    | 11580    | 2.06   | cps   |
| Cadmium    | 106-1 | 12348    | 11522    | 11731    | 11867    | 3.62   | cps   |
| Cadmium    | 108-1 | 7406     | 7210     | 7436     | 7351     | 1.67   | cps   |
| Cadmium    | 111-1 | 113063   | 109695   | 111061   | 111273   | 1.52   | cps   |
| Calcium    | 43-1  | 1847441  | 1815323  | 1826184  | 1829649  | 0.89   | cps   |
| Calcium    | 44-1  | 29921590 | 29406385 | 29315986 | 29547987 | 1.11   | cps   |
| Chromium   | 52-2  | 258482   | 254590   | 258267   | 257113   | 0.85   | cps   |
| Cobalt     | 59-2  | 1330567  | 1330553  | 1339063  | 1333394  | 0.37   | cps   |
| Copper     | 63-2  | 600455   | 602583   | 599195   | 600744   | 0.29   | cps   |
| Dysprosium | 156-1 | 3025     | 2859     | 3242     | 3042     | 6.32   | cps   |
| Dysprosium | 156-2 | 960      | 753      | 867      | 860      | 12.03  | cps   |
| Erbium     | 164-1 | 2492     | 2384     | 2592     | 2489     | 4.19   | cps   |
| Erbium     | 164-2 | 760      | 750      | 647      | 719      | 8.73   | cps   |
| Gadolinium | 160-1 | 3126     | 2617     | 3126     | 2956     | 9.93   | cps   |
| Gadolinium | 160-2 | 993      | 1147     | 1097     | 1079     | 7.25   | cps   |
| Holmium    | 165-1 | 7943835  | 7694143  | 7879465  | 7839148  | 1.65   | cps   |
| Holmium    | 165-2 | 2328247  | 2298841  | 2279629  | 2302239  | 1.06   | cps   |
| Indium     | 115-1 | 7063807  | 7065225  | 7140105  | 7089712  | 0.62   | cps   |
| Indium     | 115-2 | 420520   | 414544   | 410749   | 415271   | 1.19   | cps   |
| Iron       | 56-2  | 2964726  | 2951433  | 2965419  | 2960526  | 0.27   | cps   |
| Iron       | 57-2  | 74007    | 72695    | 72220    | 72974    | 1.27   | cps   |
| Lead       | 206-1 | 128112   | 125671   | 124056   | 125946   | 1.62   | cps   |
| Lead       | 207-1 | 111934   | 111626   | 112002   | 111854   | 0.18   | cps   |
| Lead       | 208-1 | 504742   | 502990   | 501383   | 503038   | 0.33   | cps   |
| Lithium    | 6-1   | 1227635  | 1204750  | 1210428  | 1214271  | 0.98   | cps   |
| Magnesium  | 24-2  | 808508   | 798132   | 809371   | 805337   | 0.78   | cps   |
| Manganese  | 55-2  | 246854   | 245460   | 245789   | 246034   | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:27:03 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 27471    | 27086    | 28531    | 27696    | 2.70   | cps   |
| Molybdenum | 94-1  | 18107    | 17220    | 16753    | 17360    | 3.96   | cps   |
| Molybdenum | 95-1  | 17887    | 17328    | 17387    | 17534    | 1.75   | cps   |
| Molybdenum | 96-1  | 19056    | 20032    | 20900    | 19996    | 4.61   | cps   |
| Molybdenum | 97-1  | 10988    | 10963    | 11022    | 10991    | 0.27   | cps   |
| Neodymium  | 150-1 | 5575     | 4821     | 5375     | 5257     | 7.43   | cps   |
| Neodymium  | 150-2 | 950      | 1003     | 870      | 941      | 7.13   | cps   |
| Nickel     | 60-2  | 387310   | 388636   | 388336   | 388094   | 0.18   | cps   |
| Phosphorus | 31-2  | 83       | 50       | 117      | 83       | 40.00  | cps   |
| Potassium  | 39-2  | 189433   | 189103   | 187803   | 188780   | 0.46   | cps   |
| Rhodium    | 103-1 | 6780812  | 6693742  | 6736865  | 6737140  | 0.65   | cps   |
| Rhodium    | 103-2 | 2153122  | 2109668  | 2093412  | 2118734  | 1.46   | cps   |
| Scandium   | 45-1  | 4821952  | 4659275  | 4763078  | 4748102  | 1.73   | cps   |
| Scandium   | 45-2  | 46774    | 46590    | 46490    | 46618    | 0.31   | cps   |
| Selenium   | 77-2  | 127      | 130      | 113      | 123      | 7.15   | cps   |
| Selenium   | 78-2  | 356      | 374      | 415      | 381      | 7.95   | cps   |
| Selenium   | 82-1  | 14707    | 14514    | 14541    | 14587    | 0.72   | cps   |
| Silicon    | 28-1  | 19726804 | 19024333 | 19220812 | 19323983 | 1.88   | cps   |
| Silver     | 109-1 | 480056   | 475887   | 476696   | 477547   | 0.46   | cps   |
| Silver     | 107-1 | 503367   | 493353   | 501224   | 499315   | 1.06   | cps   |
| Sodium     | 23-2  | 14935417 | 14940147 | 15184956 | 15020173 | 0.95   | cps   |
| Strontium  | 86-1  | 540851   | 530662   | 533222   | 534912   | 0.99   | cps   |
| Strontium  | 88-1  | 4677667  | 4633022  | 4614152  | 4641614  | 0.70   | cps   |
| Sulfur     | 34-1  | 823482   | 816440   | 806229   | 815384   | 1.06   | cps   |
| Terbium    | 159-1 | 8296856  | 8190391  | 8211768  | 8233005  | 0.68   | cps   |
| Terbium    | 159-2 | 2274540  | 2225953  | 2231963  | 2244152  | 1.18   | cps   |
| Thallium   | 203-1 | 328598   | 316627   | 321895   | 322373   | 1.86   | cps   |
| Thallium   | 205-1 | 779143   | 759365   | 759137   | 765881   | 1.50   | cps   |
| Tin        | 118-1 | 2709     | 2917     | 2884     | 2837     | 3.95   | cps   |
| Titanium   | 47-1  | 21946    | 17038    | 17956    | 18980    | 13.75  | cps   |
| Uranium    | 238-1 | 9537     | 9279     | 9788     | 9535     | 2.67   | cps   |
| Vanadium   | 51-2  | 474572   | 474519   | 474061   | 474384   | 0.06   | cps   |
| Yttrium    | 89-1  | 8005907  | 7842683  | 7866153  | 7904914  | 1.12   | cps   |
| Yttrium    | 89-2  | 315807   | 311407   | 308260   | 311824   | 1.22   | cps   |
| Zinc       | 66-2  | 132108   | 131685   | 130934   | 131576   | 0.45   | cps   |
| Zirconium  | 90-1  | 22224    | 20384    | 20485    | 21031    | 4.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:27:03 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4868 | 4201 | 4768 | 4612    | 7.80   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:30:10 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 50      | 42      | 39      | 32.74  | cps   |
| Antimony   | 121-1 | 350     | 192     | 192     | 244     | 37.40  | cps   |
| Arsenic    | 75-2  | 6       | 4       | 6       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 367     | 75      | 92      | 178     | 92.13  | cps   |
| Barium     | 137-1 | 575     | 100     | 92      | 256     | 108.27 | cps   |
| Beryllium  | 9-1   | 89      | 89      | 94      | 91      | 3.54   | cps   |
| Bismuth    | 209-1 | 4886173 | 4881178 | 4849278 | 4872210 | 0.41   | cps   |
| Bismuth    | 209-2 | 1820452 | 1861925 | 1866298 | 1849558 | 1.37   | cps   |
| Boron      | 11-1  | 3859    | 3817    | 3409    | 3695    | 6.73   | cps   |
| Boron      | 10-1  | 825     | 908     | 700     | 811     | 12.93  | cps   |
| Cadmium    | 106-1 | 1792    | 1709    | 1609    | 1703    | 5.39   | cps   |
| Cadmium    | 108-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Cadmium    | 111-1 | 1272    | 1207    | 1152    | 1210    | 4.96   | cps   |
| Calcium    | 43-1  | 2642    | 2234    | 2917    | 2598    | 13.24  | cps   |
| Calcium    | 44-1  | 59360   | 56565   | 55394   | 57106   | 3.57   | cps   |
| Chromium   | 52-2  | 923     | 867     | 863     | 884     | 3.81   | cps   |
| Cobalt     | 59-2  | 30      | 43      | 17      | 30      | 44.43  | cps   |
| Copper     | 63-2  | 687     | 687     | 687     | 687     | 0.00   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 67      | 17      | 39      | 65.47  | cps   |
| Erbium     | 164-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 75      | 50      | 50      | 58      | 24.74  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 10      | 8       | 24.71  | cps   |
| Holmium    | 165-1 | 8307786 | 8155521 | 8080885 | 8181397 | 1.41   | cps   |
| Holmium    | 165-2 | 2332517 | 2370409 | 2370260 | 2357729 | 0.93   | cps   |
| Indium     | 115-1 | 7539001 | 7435061 | 7416587 | 7463550 | 0.88   | cps   |
| Indium     | 115-2 | 422399  | 428396  | 427577  | 426124  | 0.76   | cps   |
| Iron       | 56-2  | 2689    | 2773    | 2767    | 2743    | 1.70   | cps   |
| Iron       | 57-2  | 67      | 89      | 122     | 93      | 30.20  | cps   |
| Lead       | 206-1 | 589     | 522     | 594     | 569     | 7.07   | cps   |
| Lead       | 207-1 | 494     | 472     | 522     | 496     | 5.05   | cps   |
| Lead       | 208-1 | 2250    | 2239    | 2356    | 2282    | 2.82   | cps   |
| Lithium    | 6-1   | 1270564 | 1237935 | 1229809 | 1246102 | 1.73   | cps   |
| Magnesium  | 24-2  | 150     | 258     | 217     | 208     | 26.23  | cps   |
| Manganese  | 55-2  | 67      | 63      | 67      | 66      | 2.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:30:10 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 17      | 58      | 25      | 33      | 66.14  | cps   |
| Molybdenum | 94-1  | 250     | 233     | 150     | 211     | 25.38  | cps   |
| Molybdenum | 95-1  | 33      | 42      | 25      | 33      | 25.01  | cps   |
| Molybdenum | 96-1  | 92      | 83      | 167     | 114     | 40.30  | cps   |
| Molybdenum | 97-1  | 100     | 108     | 108     | 106     | 4.56   | cps   |
| Neodymium  | 150-1 | 0       | 13      | 7       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 90      | 200     | 140     | 143     | 38.43  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Potassium  | 39-2  | 3917    | 3976    | 3834    | 3909    | 1.82   | cps   |
| Rhodium    | 103-1 | 7227846 | 7187853 | 7132544 | 7182748 | 0.67   | cps   |
| Rhodium    | 103-2 | 2205431 | 2245055 | 2233996 | 2228161 | 0.92   | cps   |
| Scandium   | 45-1  | 4870557 | 4848084 | 4760244 | 4826295 | 1.21   | cps   |
| Scandium   | 45-2  | 46373   | 46490   | 47798   | 46887   | 1.69   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 0       | 6       | 3       | 91.69  | cps   |
| Selenium   | 82-1  | -5      | -105    | -110    | -73     | -80.27 | cps   |
| Silicon    | 28-1  | 431194  | 423159  | 422391  | 425581  | 1.15   | cps   |
| Silver     | 109-1 | 550     | 533     | 525     | 536     | 2.37   | cps   |
| Silver     | 107-1 | 475     | 517     | 508     | 500     | 4.41   | cps   |
| Sodium     | 23-2  | 7961    | 8186    | 8469    | 8205    | 3.11   | cps   |
| Strontium  | 86-1  | 950     | 858     | 742     | 850     | 12.28  | cps   |
| Strontium  | 88-1  | 1067    | 767     | 658     | 831     | 25.47  | cps   |
| Sulfur     | 34-1  | 379671  | 379144  | 385098  | 381304  | 0.86   | cps   |
| Terbium    | 159-1 | 8640961 | 8469096 | 8419154 | 8509737 | 1.37   | cps   |
| Terbium    | 159-2 | 2285208 | 2299162 | 2270710 | 2285027 | 0.62   | cps   |
| Thallium   | 203-1 | 175     | 25      | 92      | 97      | 77.30  | cps   |
| Thallium   | 205-1 | 225     | 167     | 142     | 178     | 24.05  | cps   |
| Tin        | 118-1 | 525     | 492     | 542     | 519     | 4.90   | cps   |
| Titanium   | 47-1  | 183     | 192     | 175     | 183     | 4.55   | cps   |
| Uranium    | 238-1 | 17      | 50      | 33      | 33      | 50.00  | cps   |
| Vanadium   | 51-2  | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Yttrium    | 89-1  | 8099318 | 8027152 | 8016671 | 8047713 | 0.56   | cps   |
| Yttrium    | 89-2  | 310575  | 316234  | 317406  | 314738  | 1.16   | cps   |
| Zinc       | 66-2  | 9764    | 9740    | 9934    | 9813    | 1.08   | cps   |
| Zirconium  | 90-1  | 400     | 533     | 508     | 481     | 14.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:30:10 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 150  | 92   | 119     | 24.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:33:18 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 292     | 250     | 267     | 269     | 7.78   | cps   |
| Antimony   | 121-1 | 525     | 525     | 400     | 483     | 14.93  | cps   |
| Arsenic    | 75-2  | 28      | 33      | 30      | 30      | 9.34   | cps   |
| Barium     | 135-1 | 11172   | 10913   | 11113   | 11066   | 1.23   | cps   |
| Barium     | 137-1 | 19106   | 19290   | 19332   | 19242   | 0.62   | cps   |
| Beryllium  | 9-1   | 111     | 83      | 83      | 93      | 17.32  | cps   |
| Bismuth    | 209-1 | 4296547 | 4489309 | 4421172 | 4402343 | 2.22   | cps   |
| Bismuth    | 209-2 | 1522106 | 1649238 | 1647148 | 1606164 | 4.53   | cps   |
| Boron      | 11-1  | 4851    | 5043    | 5326    | 5073    | 4.71   | cps   |
| Boron      | 10-1  | 1308    | 1108    | 1175    | 1197    | 8.51   | cps   |
| Cadmium    | 106-1 | 1483    | 1567    | 1675    | 1575    | 6.10   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 17      | 11      | 57.27  | cps   |
| Cadmium    | 111-1 | 1063    | 1131    | 1173    | 1123    | 4.96   | cps   |
| Calcium    | 43-1  | 84781   | 87212   | 85333   | 85775   | 1.49   | cps   |
| Calcium    | 44-1  | 1443506 | 1477999 | 1462671 | 1461392 | 1.18   | cps   |
| Chromium   | 52-2  | 1230    | 1163    | 1230    | 1208    | 3.19   | cps   |
| Cobalt     | 59-2  | 137     | 120     | 123     | 127     | 6.96   | cps   |
| Copper     | 63-2  | 1927    | 1797    | 1700    | 1808    | 6.29   | cps   |
| Dysprosium | 156-1 | 183     | 92      | 200     | 158     | 36.84  | cps   |
| Dysprosium | 156-2 | 43      | 50      | 73      | 56      | 28.35  | cps   |
| Erbium     | 164-1 | 167     | 208     | 208     | 194     | 12.37  | cps   |
| Erbium     | 164-2 | 33      | 43      | 43      | 40      | 14.43  | cps   |
| Gadolinium | 160-1 | 233     | 200     | 250     | 228     | 11.18  | cps   |
| Gadolinium | 160-2 | 53      | 57      | 70      | 60      | 14.70  | cps   |
| Holmium    | 165-1 | 7268492 | 7423484 | 7420903 | 7370960 | 1.20   | cps   |
| Holmium    | 165-2 | 2022904 | 2154887 | 2149605 | 2109132 | 3.54   | cps   |
| Indium     | 115-1 | 6604964 | 6717166 | 6735361 | 6685830 | 1.06   | cps   |
| Indium     | 115-2 | 362782  | 396367  | 395050  | 384733  | 4.94   | cps   |
| Iron       | 56-2  | 100957  | 100174  | 100901  | 100677  | 0.43   | cps   |
| Iron       | 57-2  | 2806    | 2339    | 2595    | 2580    | 9.06   | cps   |
| Lead       | 206-1 | 1483    | 1439    | 1511    | 1478    | 2.47   | cps   |
| Lead       | 207-1 | 1533    | 1195    | 1245    | 1324    | 13.82  | cps   |
| Lead       | 208-1 | 6156    | 6062    | 6006    | 6075    | 1.25   | cps   |
| Lithium    | 6-1   | 1112334 | 1124006 | 1157999 | 1131446 | 2.10   | cps   |
| Magnesium  | 24-2  | 38628   | 37834   | 37935   | 38133   | 1.13   | cps   |
| Manganese  | 55-2  | 3167    | 3074    | 3220    | 3154    | 2.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:33:18 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 1367    | 1150    | 1358    | 1292    | 9.51    | cps   |
| Molybdenum | 94-1  | 983     | 1075    | 992     | 1017    | 4.99    | cps   |
| Molybdenum | 95-1  | 767     | 925     | 967     | 886     | 11.91   | cps   |
| Molybdenum | 96-1  | 1025    | 1083    | 1083    | 1064    | 3.17    | cps   |
| Molybdenum | 97-1  | 550     | 567     | 642     | 586     | 8.33    | cps   |
| Neodymium  | 150-1 | 273     | 273     | 273     | 273     | 0.00    | cps   |
| Neodymium  | 150-2 | 40      | 33      | 67      | 47      | 37.80   | cps   |
| Nickel     | 60-2  | 300     | 273     | 293     | 289     | 4.80    | cps   |
| Phosphorus | 31-2  | 25      | 42      | 17      | 28      | 45.82   | cps   |
| Potassium  | 39-2  | 12706   | 12548   | 11138   | 12131   | 7.12    | cps   |
| Rhodium    | 103-1 | 6358380 | 6434610 | 6506926 | 6433305 | 1.15    | cps   |
| Rhodium    | 103-2 | 1885342 | 2035511 | 2055173 | 1992009 | 4.66    | cps   |
| Scandium   | 45-1  | 4313873 | 4288268 | 4435576 | 4345905 | 1.81    | cps   |
| Scandium   | 45-2  | 40101   | 43270   | 43641   | 42337   | 4.60    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 2       | 4       | 2       | 100.00  | cps   |
| Selenium   | 82-1  | 62      | -58     | 6       | 3       | 1947.88 | cps   |
| Silicon    | 28-1  | 1302154 | 1322465 | 1294766 | 1306462 | 1.10    | cps   |
| Silver     | 109-1 | 458     | 408     | 300     | 389     | 20.81   | cps   |
| Silver     | 107-1 | 450     | 583     | 600     | 544     | 15.10   | cps   |
| Sodium     | 23-2  | 714715  | 700579  | 699025  | 704773  | 1.23    | cps   |
| Strontium  | 86-1  | 26994   | 24706   | 25216   | 25639   | 4.68    | cps   |
| Strontium  | 88-1  | 216289  | 217450  | 212700  | 215480  | 1.15    | cps   |
| Sulfur     | 34-1  | 412918  | 411733  | 416230  | 413627  | 0.56    | cps   |
| Terbium    | 159-1 | 7562270 | 7738971 | 7705912 | 7669051 | 1.22    | cps   |
| Terbium    | 159-2 | 1952989 | 2132223 | 2129967 | 2071726 | 4.96    | cps   |
| Thallium   | 203-1 | 67      | 133     | 50      | 83      | 52.92   | cps   |
| Thallium   | 205-1 | 233     | 233     | 242     | 236     | 2.04    | cps   |
| Tin        | 118-1 | 1117    | 1200    | 1042    | 1120    | 7.08    | cps   |
| Titanium   | 47-1  | 925     | 992     | 967     | 961     | 3.51    | cps   |
| Uranium    | 238-1 | 567     | 525     | 333     | 475     | 26.20   | cps   |
| Vanadium   | 51-2  | 157     | 230     | 163     | 183     | 22.12   | cps   |
| Yttrium    | 89-1  | 7225679 | 7286747 | 7334286 | 7282237 | 0.75    | cps   |
| Yttrium    | 89-2  | 268339  | 291331  | 290729  | 283466  | 4.62    | cps   |
| Zinc       | 66-2  | 1383    | 1253    | 1383    | 1340    | 5.60    | cps   |
| Zirconium  | 90-1  | 1275    | 1117    | 1409    | 1267    | 11.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:33:18 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 283  | 267  | 283     | 5.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:36:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 200     | 250     | 267     | 239     | 14.52  | cps   |
| Antimony   | 121-1 | 425     | 458     | 392     | 425     | 7.84   | cps   |
| Arsenic    | 75-2  | 30      | 28      | 30      | 29      | 3.68   | cps   |
| Barium     | 135-1 | 11547   | 11639   | 11706   | 11631   | 0.68   | cps   |
| Barium     | 137-1 | 19957   | 19598   | 18823   | 19459   | 2.98   | cps   |
| Beryllium  | 9-1   | 83      | 67      | 89      | 80      | 14.52  | cps   |
| Bismuth    | 209-1 | 4501305 | 4383071 | 4420933 | 4435103 | 1.36   | cps   |
| Bismuth    | 209-2 | 1668252 | 1657743 | 1662917 | 1662971 | 0.32   | cps   |
| Boron      | 11-1  | 4609    | 4776    | 4726    | 4704    | 1.82   | cps   |
| Boron      | 10-1  | 1183    | 1058    | 1075    | 1106    | 6.14   | cps   |
| Cadmium    | 106-1 | 1692    | 1600    | 1450    | 1581    | 7.72   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 33      | 21      | 60.01  | cps   |
| Cadmium    | 111-1 | 1191    | 1135    | 1017    | 1114    | 7.97   | cps   |
| Calcium    | 43-1  | 88243   | 85855   | 88554   | 87551   | 1.69   | cps   |
| Calcium    | 44-1  | 1503446 | 1483723 | 1466715 | 1484628 | 1.24   | cps   |
| Chromium   | 52-2  | 1173    | 1073    | 1213    | 1153    | 6.25   | cps   |
| Cobalt     | 59-2  | 117     | 93      | 143     | 118     | 21.24  | cps   |
| Copper     | 63-2  | 1743    | 1783    | 1800    | 1776    | 1.64   | cps   |
| Dysprosium | 156-1 | 125     | 150     | 200     | 158     | 24.12  | cps   |
| Dysprosium | 156-2 | 47      | 40      | 37      | 41      | 12.39  | cps   |
| Erbium     | 164-1 | 167     | 158     | 158     | 161     | 2.99   | cps   |
| Erbium     | 164-2 | 13      | 37      | 23      | 24      | 47.91  | cps   |
| Gadolinium | 160-1 | 133     | 175     | 217     | 175     | 23.81  | cps   |
| Gadolinium | 160-2 | 90      | 73      | 87      | 83      | 10.58  | cps   |
| Holmium    | 165-1 | 7527198 | 7401900 | 7371213 | 7433437 | 1.11   | cps   |
| Holmium    | 165-2 | 2186732 | 2214520 | 2169894 | 2190382 | 1.03   | cps   |
| Indium     | 115-1 | 6843539 | 6751592 | 6782566 | 6792566 | 0.69   | cps   |
| Indium     | 115-2 | 396109  | 401301  | 396876  | 398095  | 0.70   | cps   |
| Iron       | 56-2  | 102536  | 101360  | 102429  | 102108  | 0.64   | cps   |
| Iron       | 57-2  | 2406    | 2506    | 2561    | 2491    | 3.17   | cps   |
| Lead       | 206-1 | 1550    | 1578    | 1722    | 1617    | 5.72   | cps   |
| Lead       | 207-1 | 1389    | 1333    | 1200    | 1308    | 7.43   | cps   |
| Lead       | 208-1 | 6056    | 6223    | 6090    | 6123    | 1.44   | cps   |
| Lithium    | 6-1   | 1146343 | 1138536 | 1141829 | 1142236 | 0.34   | cps   |
| Magnesium  | 24-2  | 39673   | 40191   | 37751   | 39205   | 3.28   | cps   |
| Manganese  | 55-2  | 3080    | 3150    | 3324    | 3185    | 3.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:36:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 1375    | 1367    | 1333    | 1358    | 1.62   | cps   |
| Molybdenum | 94-1  | 992     | 1033    | 1108    | 1045    | 5.66   | cps   |
| Molybdenum | 95-1  | 817     | 833     | 817     | 822     | 1.17   | cps   |
| Molybdenum | 96-1  | 1025    | 1025    | 1008    | 1020    | 0.94   | cps   |
| Molybdenum | 97-1  | 575     | 500     | 533     | 536     | 7.01   | cps   |
| Neodymium  | 150-1 | 227     | 267     | 347     | 280     | 21.82  | cps   |
| Neodymium  | 150-2 | 47      | 40      | 40      | 42      | 9.12   | cps   |
| Nickel     | 60-2  | 330     | 290     | 263     | 294     | 11.40  | cps   |
| Phosphorus | 31-2  | 33      | 0       | 25      | 19      | 89.21  | cps   |
| Potassium  | 39-2  | 12398   | 12498   | 12931   | 12609   | 2.25   | cps   |
| Rhodium    | 103-1 | 6614133 | 6523161 | 6548776 | 6562023 | 0.71   | cps   |
| Rhodium    | 103-2 | 2087762 | 2066869 | 2030122 | 2061584 | 1.42   | cps   |
| Scandium   | 45-1  | 4445310 | 4400889 | 4431120 | 4425773 | 0.51   | cps   |
| Scandium   | 45-2  | 43915   | 43557   | 43634   | 43702   | 0.43   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 4       | 2       | 4       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | -37     | -126    | -81     | -81     | -55.01 | cps   |
| Silicon    | 28-1  | 1349780 | 1323064 | 1308783 | 1327209 | 1.57   | cps   |
| Silver     | 109-1 | 342     | 308     | 325     | 325     | 5.13   | cps   |
| Silver     | 107-1 | 283     | 333     | 383     | 333     | 15.00  | cps   |
| Sodium     | 23-2  | 724095  | 723889  | 723091  | 723692  | 0.07   | cps   |
| Strontium  | 86-1  | 26201   | 26018   | 25191   | 25803   | 2.09   | cps   |
| Strontium  | 88-1  | 219656  | 219921  | 220268  | 219948  | 0.14   | cps   |
| Sulfur     | 34-1  | 422264  | 422751  | 420791  | 421935  | 0.24   | cps   |
| Terbium    | 159-1 | 7834515 | 7815258 | 7855395 | 7835056 | 0.26   | cps   |
| Terbium    | 159-2 | 2170925 | 2123221 | 2135582 | 2143243 | 1.16   | cps   |
| Thallium   | 203-1 | 125     | 108     | 58      | 97      | 35.68  | cps   |
| Thallium   | 205-1 | 233     | 175     | 142     | 183     | 25.31  | cps   |
| Tin        | 118-1 | 1142    | 1409    | 1125    | 1225    | 12.98  | cps   |
| Titanium   | 47-1  | 833     | 783     | 1451    | 1022    | 36.34  | cps   |
| Uranium    | 238-1 | 392     | 508     | 492     | 464     | 13.60  | cps   |
| Vanadium   | 51-2  | 137     | 147     | 190     | 158     | 17.97  | cps   |
| Yttrium    | 89-1  | 7484813 | 7325599 | 7301972 | 7370795 | 1.35   | cps   |
| Yttrium    | 89-2  | 294188  | 291590  | 292198  | 292659  | 0.46   | cps   |
| Zinc       | 66-2  | 1390    | 1340    | 1477    | 1402    | 4.93   | cps   |
| Zirconium  | 90-1  | 1392    | 1242    | 1208    | 1281    | 7.63   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:36:26 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 325  | 375  | 303     | 28.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 14:39:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 58      | 67      | 61      | 7.87   | cps   |
| Antimony   | 121-1 | 208     | 200     | 158     | 189     | 14.18  | cps   |
| Arsenic    | 75-2  | 7       | 7       | 4       | 6       | 34.70  | cps   |
| Barium     | 135-1 | 2109    | 2317    | 2142    | 2189    | 5.11   | cps   |
| Barium     | 137-1 | 3867    | 3684    | 3976    | 3842    | 3.84   | cps   |
| Beryllium  | 9-1   | 83      | 50      | 100     | 78      | 32.73  | cps   |
| Bismuth    | 209-1 | 4519166 | 4475558 | 4244766 | 4413163 | 3.34   | cps   |
| Bismuth    | 209-2 | 1589997 | 1569992 | 1621955 | 1593981 | 1.64   | cps   |
| Boron      | 11-1  | 2517    | 2725    | 2550    | 2598    | 4.31   | cps   |
| Boron      | 10-1  | 675     | 525     | 542     | 581     | 14.16  | cps   |
| Cadmium    | 106-1 | 1533    | 1500    | 1542    | 1525    | 1.44   | cps   |
| Cadmium    | 108-1 | 8       | 21      | 8       | 12      | 57.75  | cps   |
| Cadmium    | 111-1 | 1076    | 1048    | 1098    | 1074    | 2.35   | cps   |
| Calcium    | 43-1  | 18680   | 18346   | 18747   | 18591   | 1.15   | cps   |
| Calcium    | 44-1  | 320183  | 323247  | 306227  | 316552  | 2.87   | cps   |
| Chromium   | 52-2  | 1100    | 1070    | 1153    | 1108    | 3.81   | cps   |
| Cobalt     | 59-2  | 73      | 47      | 60      | 60      | 22.22  | cps   |
| Copper     | 63-2  | 803     | 803     | 680     | 762     | 9.34   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 50      | 31      | 56.77  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 67      | 67      | 58      | 64      | 7.53   | cps   |
| Erbium     | 164-2 | 3       | 3       | 13      | 7       | 86.65  | cps   |
| Gadolinium | 160-1 | 75      | 42      | 75      | 64      | 30.12  | cps   |
| Gadolinium | 160-2 | 10      | 13      | 7       | 10      | 33.30  | cps   |
| Holmium    | 165-1 | 7397074 | 7449490 | 7126180 | 7324248 | 2.37   | cps   |
| Holmium    | 165-2 | 2091552 | 2100441 | 2127423 | 2106472 | 0.89   | cps   |
| Indium     | 115-1 | 6741346 | 6791510 | 6447593 | 6660150 | 2.79   | cps   |
| Indium     | 115-2 | 378965  | 376685  | 387404  | 381018  | 1.48   | cps   |
| Iron       | 56-2  | 20132   | 20899   | 21926   | 20986   | 4.29   | cps   |
| Iron       | 57-2  | 439     | 533     | 544     | 506     | 11.47  | cps   |
| Lead       | 206-1 | 706     | 661     | 600     | 656     | 8.08   | cps   |
| Lead       | 207-1 | 528     | 633     | 583     | 582     | 9.08   | cps   |
| Lead       | 208-1 | 2667    | 2784    | 2422    | 2624    | 7.02   | cps   |
| Lithium    | 6-1   | 1141677 | 1141306 | 1090113 | 1124365 | 2.64   | cps   |
| Magnesium  | 24-2  | 7085    | 7627    | 7060    | 7258    | 4.41   | cps   |
| Manganese  | 55-2  | 687     | 627     | 643     | 652     | 4.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 14:39:33 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 400     | 225     | 317     | 314     | 27.89  | cps   |
| Molybdenum | 94-1  | 308     | 292     | 317     | 306     | 4.17   | cps   |
| Molybdenum | 95-1  | 225     | 192     | 167     | 194     | 15.05  | cps   |
| Molybdenum | 96-1  | 283     | 367     | 242     | 297     | 21.41  | cps   |
| Molybdenum | 97-1  | 150     | 175     | 142     | 156     | 11.15  | cps   |
| Neodymium  | 150-1 | 53      | 13      | 13      | 27      | 86.62  | cps   |
| Neodymium  | 150-2 | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Nickel     | 60-2  | 160     | 200     | 147     | 169     | 16.43  | cps   |
| Phosphorus | 31-2  | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Potassium  | 39-2  | 5927    | 5810    | 5868    | 5868    | 0.99   | cps   |
| Rhodium    | 103-1 | 6580119 | 6588841 | 6231370 | 6466777 | 3.15   | cps   |
| Rhodium    | 103-2 | 1996888 | 1961193 | 2004245 | 1987442 | 1.16   | cps   |
| Scandium   | 45-1  | 4357937 | 4375632 | 4201183 | 4311584 | 2.23   | cps   |
| Scandium   | 45-2  | 41431   | 40732   | 41786   | 41316   | 1.30   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 6       | 4       | 7       | 6       | 33.38  | cps   |
| Selenium   | 82-1  | -107    | -71     | 5       | -58     | -98.76 | cps   |
| Silicon    | 28-1  | 646689  | 640843  | 624512  | 637348  | 1.80   | cps   |
| Silver     | 109-1 | 250     | 275     | 242     | 256     | 6.79   | cps   |
| Silver     | 107-1 | 225     | 267     | 317     | 269     | 17.04  | cps   |
| Sodium     | 23-2  | 139940  | 138501  | 140276  | 139572  | 0.68   | cps   |
| Strontium  | 86-1  | 5718    | 5660    | 5285    | 5554    | 4.24   | cps   |
| Strontium  | 88-1  | 42234   | 41581   | 40896   | 41570   | 1.61   | cps   |
| Sulfur     | 34-1  | 411151  | 406373  | 407358  | 408294  | 0.62   | cps   |
| Terbium    | 159-1 | 7675392 | 7820547 | 7367162 | 7621034 | 3.04   | cps   |
| Terbium    | 159-2 | 2038092 | 2022222 | 2071514 | 2043943 | 1.23   | cps   |
| Thallium   | 203-1 | 125     | 67      | 58      | 83      | 43.59  | cps   |
| Thallium   | 205-1 | 167     | 208     | 292     | 222     | 28.64  | cps   |
| Tin        | 118-1 | 1208    | 1275    | 1142    | 1208    | 5.52   | cps   |
| Titanium   | 47-1  | 233     | 342     | 267     | 281     | 19.78  | cps   |
| Uranium    | 238-1 | 108     | 117     | 100     | 108     | 7.69   | cps   |
| Vanadium   | 51-2  | 30      | 57      | 20      | 36      | 53.31  | cps   |
| Yttrium    | 89-1  | 7339040 | 7373795 | 7033994 | 7248943 | 2.58   | cps   |
| Yttrium    | 89-2  | 281141  | 276199  | 287913  | 281751  | 2.09   | cps   |
| Zinc       | 66-2  | 380     | 327     | 303     | 337     | 11.67  | cps   |
| Zirconium  | 90-1  | 742     | 750     | 550     | 681     | 16.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 14:39:33 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 108  | 58   | 122     | 58.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:42:42 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1242    | 1242    | 1033    | 1172    | 10.26  | cps   |
| Antimony   | 121-1 | 46566   | 47602   | 47327   | 47165   | 1.14   | cps   |
| Arsenic    | 75-2  | 326     | 298     | 328     | 317     | 5.23   | cps   |
| Barium     | 135-1 | 207283  | 200978  | 207069  | 205110  | 1.75   | cps   |
| Barium     | 137-1 | 360379  | 353261  | 357335  | 356992  | 1.00   | cps   |
| Beryllium  | 9-1   | 3728    | 3751    | 3762    | 3747    | 0.45   | cps   |
| Bismuth    | 209-1 | 4082147 | 4414720 | 4468915 | 4321927 | 4.85   | cps   |
| Bismuth    | 209-2 | 1644035 | 1654358 | 1640152 | 1646182 | 0.45   | cps   |
| Boron      | 11-1  | 4251    | 4693    | 4568    | 4504    | 5.06   | cps   |
| Boron      | 10-1  | 767     | 958     | 942     | 889     | 11.94  | cps   |
| Cadmium    | 106-1 | 1800    | 2059    | 2042    | 1967    | 7.35   | cps   |
| Cadmium    | 108-1 | 363     | 388     | 338     | 363     | 6.90   | cps   |
| Cadmium    | 111-1 | 6208    | 6458    | 6494    | 6387    | 2.45   | cps   |
| Calcium    | 43-1  | 88159   | 86089   | 86845   | 87031   | 1.20   | cps   |
| Calcium    | 44-1  | 1489390 | 1467774 | 1489185 | 1482116 | 0.84   | cps   |
| Chromium   | 52-2  | 13557   | 13493   | 13537   | 13529   | 0.24   | cps   |
| Cobalt     | 59-2  | 64257   | 63845   | 64532   | 64212   | 0.54   | cps   |
| Copper     | 63-2  | 29304   | 29515   | 29592   | 29470   | 0.50   | cps   |
| Dysprosium | 156-1 | 92      | 133     | 150     | 125     | 24.04  | cps   |
| Dysprosium | 156-2 | 50      | 47      | 50      | 49      | 3.93   | cps   |
| Erbium     | 164-1 | 92      | 108     | 258     | 153     | 60.08  | cps   |
| Erbium     | 164-2 | 47      | 30      | 27      | 34      | 31.11  | cps   |
| Gadolinium | 160-1 | 208     | 208     | 183     | 200     | 7.21   | cps   |
| Gadolinium | 160-2 | 43      | 40      | 80      | 54      | 40.77  | cps   |
| Holmium    | 165-1 | 6870076 | 7378608 | 7396080 | 7214922 | 4.14   | cps   |
| Holmium    | 165-2 | 2182502 | 2196448 | 2168453 | 2182467 | 0.64   | cps   |
| Indium     | 115-1 | 6341257 | 6729050 | 6812479 | 6627595 | 3.79   | cps   |
| Indium     | 115-2 | 394219  | 394046  | 394147  | 394137  | 0.02   | cps   |
| Iron       | 56-2  | 142438  | 141864  | 143195  | 142499  | 0.47   | cps   |
| Iron       | 57-2  | 3578    | 3601    | 3840    | 3673    | 3.94   | cps   |
| Lead       | 206-1 | 6913    | 6730    | 6530    | 6724    | 2.85   | cps   |
| Lead       | 207-1 | 5668    | 5929    | 6052    | 5883    | 3.33   | cps   |
| Lead       | 208-1 | 26623   | 26450   | 26345   | 26473   | 0.53   | cps   |
| Lithium    | 6-1   | 1048229 | 1136191 | 1143483 | 1109301 | 4.78   | cps   |
| Magnesium  | 24-2  | 38955   | 38177   | 39297   | 38810   | 1.48   | cps   |
| Manganese  | 55-2  | 11922   | 11805   | 11829   | 11852   | 0.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:42:42 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 1408    | 1075    | 1183    | 1222    | 13.91  | cps   |
| Molybdenum | 94-1  | 950     | 1594    | 875     | 1140    | 34.66  | cps   |
| Molybdenum | 95-1  | 900     | 883     | 783     | 856     | 7.38   | cps   |
| Molybdenum | 96-1  | 1000    | 1142    | 1008    | 1050    | 7.57   | cps   |
| Molybdenum | 97-1  | 575     | 608     | 575     | 586     | 3.28   | cps   |
| Neodymium  | 150-1 | 253     | 300     | 260     | 271     | 9.31   | cps   |
| Neodymium  | 150-2 | 47      | 53      | 53      | 51      | 7.52   | cps   |
| Nickel     | 60-2  | 19070   | 18946   | 19060   | 19025   | 0.36   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 42      | 17      | 132.30 | cps   |
| Potassium  | 39-2  | 12373   | 11605   | 12773   | 12250   | 4.84   | cps   |
| Rhodium    | 103-1 | 6020640 | 6382211 | 6635438 | 6346096 | 4.87   | cps   |
| Rhodium    | 103-2 | 2048703 | 2069007 | 2055413 | 2057708 | 0.50   | cps   |
| Scandium   | 45-1  | 4121542 | 4379485 | 4463218 | 4321415 | 4.12   | cps   |
| Scandium   | 45-2  | 43297   | 43370   | 43029   | 43232   | 0.41   | cps   |
| Selenium   | 77-2  | 10      | 13      | 13      | 12      | 15.73  | cps   |
| Selenium   | 78-2  | 11      | 26      | 22      | 20      | 39.04  | cps   |
| Selenium   | 82-1  | 724     | 566     | 644     | 645     | 12.22  | cps   |
| Silicon    | 28-1  | 1369500 | 1323491 | 1339065 | 1344019 | 1.74   | cps   |
| Silver     | 109-1 | 23363   | 23847   | 23722   | 23644   | 1.06   | cps   |
| Silver     | 107-1 | 24248   | 24406   | 24047   | 24234   | 0.74   | cps   |
| Sodium     | 23-2  | 724984  | 712783  | 719753  | 719173  | 0.85   | cps   |
| Strontium  | 86-1  | 25541   | 25608   | 25500   | 25550   | 0.21   | cps   |
| Strontium  | 88-1  | 218681  | 217025  | 219213  | 218306  | 0.52   | cps   |
| Sulfur     | 34-1  | 428731  | 427781  | 427507  | 428007  | 0.15   | cps   |
| Terbium    | 159-1 | 7178933 | 7767381 | 7870048 | 7605454 | 4.90   | cps   |
| Terbium    | 159-2 | 2118456 | 2099697 | 2082960 | 2100371 | 0.85   | cps   |
| Thallium   | 203-1 | 16311   | 16036   | 15819   | 16055   | 1.54   | cps   |
| Thallium   | 205-1 | 36813   | 37231   | 37356   | 37133   | 0.77   | cps   |
| Tin        | 118-1 | 1225    | 1175    | 1067    | 1156    | 7.00   | cps   |
| Titanium   | 47-1  | 1593    | 992     | 975     | 1187    | 29.67  | cps   |
| Uranium    | 238-1 | 400     | 592     | 533     | 508     | 19.33  | cps   |
| Vanadium   | 51-2  | 22805   | 22498   | 22772   | 22692   | 0.74   | cps   |
| Yttrium    | 89-1  | 6812878 | 7267629 | 7424069 | 7168192 | 4.43   | cps   |
| Yttrium    | 89-2  | 293077  | 292590  | 290479  | 292049  | 0.47   | cps   |
| Zinc       | 66-2  | 6715    | 6185    | 6532    | 6477    | 4.16   | cps   |
| Zirconium  | 90-1  | 1333    | 1167    | 1408    | 1303    | 9.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:42:42 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 283  | 450  | 342     | 27.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:45:50 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 25      | 42      | 31      | 31.50  | cps   |
| Antimony   | 121-1 | 125     | 83      | 117     | 108     | 20.35  | cps   |
| Arsenic    | 75-2  | 0       | 7       | 11      | 6       | 91.64  | cps   |
| Barium     | 135-1 | 58      | 75      | 50      | 61      | 20.83  | cps   |
| Barium     | 137-1 | 117     | 117     | 50      | 94      | 40.76  | cps   |
| Beryllium  | 9-1   | 72      | 94      | 72      | 80      | 16.12  | cps   |
| Bismuth    | 209-1 | 4576479 | 4495880 | 4508557 | 4526972 | 0.96   | cps   |
| Bismuth    | 209-2 | 1692050 | 1681521 | 1670594 | 1681388 | 0.64   | cps   |
| Boron      | 11-1  | 1800    | 2084    | 1875    | 1920    | 7.65   | cps   |
| Boron      | 10-1  | 483     | 400     | 375     | 419     | 13.52  | cps   |
| Cadmium    | 106-1 | 1667    | 1433    | 1584    | 1561    | 7.58   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 0       | 1       | 173.21 | cps   |
| Cadmium    | 111-1 | 1168    | 1003    | 1117    | 1096    | 7.69   | cps   |
| Calcium    | 43-1  | 2467    | 2475    | 2225    | 2389    | 5.94   | cps   |
| Calcium    | 44-1  | 53662   | 54332   | 52784   | 53592   | 1.45   | cps   |
| Chromium   | 52-2  | 1130    | 1077    | 993     | 1067    | 6.46   | cps   |
| Cobalt     | 59-2  | 43      | 47      | 40      | 43      | 7.70   | cps   |
| Copper     | 63-2  | 383     | 380     | 447     | 403     | 9.31   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 42      | 42      | 31      | 62.99  | cps   |
| Erbium     | 164-2 | 3       | 7       | 13      | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 83      | 50      | 58      | 64      | 27.15  | cps   |
| Gadolinium | 160-2 | 10      | 13      | 13      | 12      | 15.73  | cps   |
| Holmium    | 165-1 | 7618602 | 7508442 | 7603845 | 7576963 | 0.79   | cps   |
| Holmium    | 165-2 | 2236645 | 2209845 | 2219496 | 2221995 | 0.61   | cps   |
| Indium     | 115-1 | 7020729 | 6799944 | 6898830 | 6906501 | 1.60   | cps   |
| Indium     | 115-2 | 404651  | 404637  | 402056  | 403781  | 0.37   | cps   |
| Iron       | 56-2  | 2695    | 2528    | 2456    | 2560    | 4.79   | cps   |
| Iron       | 57-2  | 61      | 61      | 44      | 56      | 17.31  | cps   |
| Lead       | 206-1 | 383     | 378     | 372     | 378     | 1.47   | cps   |
| Lead       | 207-1 | 344     | 289     | 333     | 322     | 9.12   | cps   |
| Lead       | 208-1 | 1545    | 1472    | 1383    | 1467    | 5.50   | cps   |
| Lithium    | 6-1   | 1148067 | 1135541 | 1145804 | 1143137 | 0.58   | cps   |
| Magnesium  | 24-2  | 150     | 175     | 158     | 161     | 7.90   | cps   |
| Manganese  | 55-2  | 57      | 63      | 70      | 63      | 10.52  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:45:50 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 0       | 17      | 33      | 17      | 99.99  | cps   |
| Molybdenum | 94-1  | 208     | 175     | 208     | 197     | 9.76   | cps   |
| Molybdenum | 95-1  | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Molybdenum | 96-1  | 92      | 117     | 92      | 100     | 14.43  | cps   |
| Molybdenum | 97-1  | 83      | 75      | 83      | 81      | 5.98   | cps   |
| Neodymium  | 150-1 | 13      | 33      | 13      | 20      | 57.74  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 157     | 180     | 130     | 156     | 16.08  | cps   |
| Phosphorus | 31-2  | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Potassium  | 39-2  | 3651    | 3642    | 3726    | 3673    | 1.25   | cps   |
| Rhodium    | 103-1 | 6747539 | 6610095 | 6685385 | 6681006 | 1.03   | cps   |
| Rhodium    | 103-2 | 2133130 | 2113614 | 2076701 | 2107815 | 1.36   | cps   |
| Scandium   | 45-1  | 4554274 | 4485326 | 4463854 | 4501151 | 1.05   | cps   |
| Scandium   | 45-2  | 43771   | 44243   | 44076   | 44030   | 0.54   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 2       | 9       | 5       | 78.12  | cps   |
| Selenium   | 82-1  | -4      | 24      | -2      | 6       | 259.76 | cps   |
| Silicon    | 28-1  | 422796  | 423112  | 425971  | 423959  | 0.41   | cps   |
| Silver     | 109-1 | 192     | 158     | 267     | 206     | 26.99  | cps   |
| Silver     | 107-1 | 275     | 292     | 233     | 267     | 11.27  | cps   |
| Sodium     | 23-2  | 6935    | 7102    | 6819    | 6952    | 2.05   | cps   |
| Strontium  | 86-1  | 783     | 875     | 775     | 811     | 6.84   | cps   |
| Strontium  | 88-1  | 308     | 292     | 283     | 294     | 4.32   | cps   |
| Sulfur     | 34-1  | 414531  | 415577  | 412764  | 414291  | 0.34   | cps   |
| Terbium    | 159-1 | 8005364 | 7919691 | 7841273 | 7922109 | 1.04   | cps   |
| Terbium    | 159-2 | 2180903 | 2153498 | 2142411 | 2158937 | 0.92   | cps   |
| Thallium   | 203-1 | 117     | 117     | 92      | 108     | 13.32  | cps   |
| Thallium   | 205-1 | 275     | 250     | 258     | 261     | 4.87   | cps   |
| Tin        | 118-1 | 1158    | 1042    | 1033    | 1078    | 6.49   | cps   |
| Titanium   | 47-1  | 192     | 275     | 233     | 233     | 17.86  | cps   |
| Uranium    | 238-1 | 42      | 58      | 33      | 44      | 28.65  | cps   |
| Vanadium   | 51-2  | 17      | 20      | 17      | 18      | 10.81  | cps   |
| Yttrium    | 89-1  | 7439343 | 7496627 | 7441657 | 7459209 | 0.43   | cps   |
| Yttrium    | 89-2  | 297927  | 296899  | 296574  | 297133  | 0.24   | cps   |
| Zinc       | 66-2  | 490     | 580     | 483     | 518     | 10.43  | cps   |
| Zirconium  | 90-1  | 483     | 392     | 433     | 436     | 10.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 14:45:50 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 83   | 117  | 125     | 37.12  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV028              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV028              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 14:48:58 | DataFile Name :   | 034CCV.d |

| Parameter  | Mass  | CPS1      | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|-----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 454586    | 452199   | 435108   | 447297   | 2.38   | cps   |
| Antimony   | 121-1 | 5128062   | 5113420  | 5111349  | 5117610  | 0.18   | cps   |
| Arsenic    | 75-2  | 72919     | 72433    | 70194    | 71848    | 2.02   | cps   |
| Barium     | 135-1 | 5380775   | 5414628  | 5420622  | 5405342  | 0.40   | cps   |
| Barium     | 137-1 | 9316300   | 9315699  | 9295991  | 9309330  | 0.12   | cps   |
| Beryllium  | 9-1   | 808331    | 804391   | 804774   | 805832   | 0.27   | cps   |
| Bismuth    | 209-1 | 4539441   | 4583636  | 4583910  | 4568996  | 0.56   | cps   |
| Bismuth    | 209-2 | 1601336   | 1608899  | 1453076  | 1554437  | 5.65   | cps   |
| Boron      | 11-1  | 434386    | 438245   | 436889   | 436507   | 0.45   | cps   |
| Boron      | 10-1  | 93596     | 94560    | 95416    | 94524    | 0.96   | cps   |
| Cadmium    | 106-1 | 115004    | 115844   | 114054   | 114968   | 0.78   | cps   |
| Cadmium    | 108-1 | 77450     | 77601    | 77814    | 77622    | 0.24   | cps   |
| Cadmium    | 111-1 | 1103235   | 1102842  | 1113833  | 1106637  | 0.56   | cps   |
| Calcium    | 43-1  | 6008998   | 6003489  | 5983850  | 5998779  | 0.22   | cps   |
| Calcium    | 44-1  | 98057111  | 98199690 | 97781550 | 98012783 | 0.22   | cps   |
| Chromium   | 52-2  | 619220    | 618003   | 597915   | 611713   | 1.96   | cps   |
| Cobalt     | 59-2  | 1270628   | 1269608  | 1229094  | 1256444  | 1.89   | cps   |
| Copper     | 63-2  | 2168678   | 2189836  | 2102150  | 2153555  | 2.12   | cps   |
| Dysprosium | 156-1 | 192       | 167      | 192      | 183      | 7.87   | cps   |
| Dysprosium | 156-2 | 40        | 50       | 43       | 44       | 11.46  | cps   |
| Erbium     | 164-1 | 75        | 108      | 67       | 83       | 26.46  | cps   |
| Erbium     | 164-2 | 27        | 13       | 13       | 18       | 43.33  | cps   |
| Gadolinium | 160-1 | 192       | 208      | 217      | 206      | 6.19   | cps   |
| Gadolinium | 160-2 | 50        | 27       | 80       | 52       | 51.19  | cps   |
| Holmium    | 165-1 | 7865255   | 7927804  | 7981638  | 7924899  | 0.73   | cps   |
| Holmium    | 165-2 | 2228220   | 2220047  | 1991232  | 2146500  | 6.27   | cps   |
| Indium     | 115-1 | 6653558   | 6748992  | 6778484  | 6727011  | 0.97   | cps   |
| Indium     | 115-2 | 376479    | 376221   | 341392   | 364698   | 5.53   | cps   |
| Iron       | 56-2  | 101187872 | 99789911 | 96679691 | 99219158 | 2.33   | cps   |
| Iron       | 57-2  | 2577769   | 2560403  | 2451377  | 2529850  | 2.71   | cps   |
| Lead       | 206-1 | 2884321   | 2842573  | 2904602  | 2877165  | 1.10   | cps   |
| Lead       | 207-1 | 2624020   | 2634926  | 2618734  | 2625893  | 0.31   | cps   |
| Lead       | 208-1 | 11634911  | 11642752 | 11675153 | 11650938 | 0.18   | cps   |
| Lithium    | 6-1   | 1190354   | 1170932  | 1200405  | 1187230  | 1.26   | cps   |
| Magnesium  | 24-2  | 10774107  | 10803775 | 10405524 | 10661135 | 2.08   | cps   |
| Manganese  | 55-2  | 355613    | 349717   | 339172   | 348167   | 2.39   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV028              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV028              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 14:48:58 | DataFile Name :   | 034CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3757843  | 3762386  | 3782540  | 3767590  | 0.35   | cps   |
| Molybdenum | 94-1  | 4313865  | 4340901  | 4350656  | 4335141  | 0.44   | cps   |
| Molybdenum | 95-1  | 2387530  | 2384007  | 2360561  | 2377366  | 0.62   | cps   |
| Molybdenum | 96-1  | 2988311  | 2962808  | 3051034  | 3000718  | 1.51   | cps   |
| Molybdenum | 97-1  | 1467076  | 1451161  | 1445714  | 1454650  | 0.76   | cps   |
| Neodymium  | 150-1 | 287      | 287      | 287      | 287      | 0.00   | cps   |
| Neodymium  | 150-2 | 20       | 37       | 30       | 29       | 29.04  | cps   |
| Nickel     | 60-2  | 365913   | 364794   | 353383   | 361363   | 1.92   | cps   |
| Phosphorus | 31-2  | 6769     | 6218     | 6260     | 6416     | 4.78   | cps   |
| Potassium  | 39-2  | 3376469  | 3360213  | 3228019  | 3321567  | 2.45   | cps   |
| Rhodium    | 103-1 | 6329990  | 6359820  | 6335197  | 6341669  | 0.25   | cps   |
| Rhodium    | 103-2 | 1945202  | 1966734  | 1751815  | 1887917  | 6.27   | cps   |
| Scandium   | 45-1  | 4409122  | 4457693  | 4429473  | 4432096  | 0.55   | cps   |
| Scandium   | 45-2  | 43741    | 43728    | 39850    | 42440    | 5.28   | cps   |
| Selenium   | 77-2  | 500      | 547      | 567      | 538      | 6.36   | cps   |
| Selenium   | 78-2  | 1958     | 1719     | 1758     | 1811     | 7.08   | cps   |
| Selenium   | 82-1  | 69765    | 70073    | 70544    | 70127    | 0.56   | cps   |
| Silicon    | 28-1  | 2761309  | 2731057  | 2725831  | 2739399  | 0.70   | cps   |
| Silver     | 109-1 | 5263375  | 5254915  | 5318230  | 5278840  | 0.65   | cps   |
| Silver     | 107-1 | 5489152  | 5409226  | 5524250  | 5474209  | 1.08   | cps   |
| Sodium     | 23-2  | 26401793 | 26427013 | 25672821 | 26167209 | 1.64   | cps   |
| Strontium  | 86-1  | 1552341  | 1525611  | 1564142  | 1547364  | 1.28   | cps   |
| Strontium  | 88-1  | 13026059 | 13102819 | 13167326 | 13098734 | 0.54   | cps   |
| Sulfur     | 34-1  | 810329   | 812386   | 815969   | 812895   | 0.35   | cps   |
| Terbium    | 159-1 | 8114269  | 8337213  | 8372138  | 8274540  | 1.69   | cps   |
| Terbium    | 159-2 | 2138205  | 2127462  | 1954411  | 2073360  | 4.98   | cps   |
| Thallium   | 203-1 | 3545267  | 3542958  | 3574340  | 3554188  | 0.49   | cps   |
| Thallium   | 205-1 | 8268021  | 8319989  | 8297193  | 8295068  | 0.31   | cps   |
| Tin        | 118-1 | 3615147  | 3592581  | 3656386  | 3621371  | 0.89   | cps   |
| Titanium   | 47-1  | 656679   | 653041   | 657759   | 655826   | 0.38   | cps   |
| Uranium    | 238-1 | 11116748 | 11012015 | 11127612 | 11085459 | 0.58   | cps   |
| Vanadium   | 51-2  | 463025   | 463939   | 447313   | 458092   | 2.04   | cps   |
| Yttrium    | 89-1  | 7413147  | 7536784  | 7534176  | 7494702  | 0.94   | cps   |
| Yttrium    | 89-2  | 290814   | 291262   | 258574   | 280216   | 6.69   | cps   |
| Zinc       | 66-2  | 198977   | 197944   | 191772   | 196231   | 1.99   | cps   |
| Zirconium  | 90-1  | 8184473  | 8181224  | 8273444  | 8213047  | 0.64   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV028              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV028              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 14:48:58 | DataFile Name :   | 034CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1851875 | 1870604 | 1865355 | 1862611 | 0.52   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB028 Instrumnet Name : P8  
 Client Sample ID : CCB028 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 14:51:57 DataFile Name : 035CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 17      | 8       | 22      | 78.07  | cps   |
| Antimony   | 121-1 | 2609    | 2692    | 2217    | 2506    | 10.12  | cps   |
| Arsenic    | 75-2  | 6       | 7       | 7       | 7       | 15.72  | cps   |
| Barium     | 135-1 | 25      | 42      | 42      | 36      | 26.65  | cps   |
| Barium     | 137-1 | 108     | 117     | 108     | 111     | 4.33   | cps   |
| Beryllium  | 9-1   | 194     | 139     | 167     | 167     | 16.67  | cps   |
| Bismuth    | 209-1 | 4759636 | 4722980 | 4711009 | 4731208 | 0.54   | cps   |
| Bismuth    | 209-2 | 1786879 | 1684645 | 1584654 | 1685393 | 6.00   | cps   |
| Boron      | 11-1  | 10279   | 9896    | 9237    | 9804    | 5.38   | cps   |
| Boron      | 10-1  | 2109    | 2342    | 1817    | 2089    | 12.59  | cps   |
| Cadmium    | 106-1 | 1617    | 1475    | 1692    | 1595    | 6.90   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 0       | 4       | 99.96  | cps   |
| Cadmium    | 111-1 | 1172    | 1080    | 1230    | 1161    | 6.54   | cps   |
| Calcium    | 43-1  | 2392    | 2184    | 2400    | 2325    | 5.28   | cps   |
| Calcium    | 44-1  | 54315   | 54490   | 54122   | 54309   | 0.34   | cps   |
| Chromium   | 52-2  | 990     | 943     | 1073    | 1002    | 6.57   | cps   |
| Cobalt     | 59-2  | 63      | 37      | 50      | 50      | 26.66  | cps   |
| Copper     | 63-2  | 357     | 473     | 390     | 407     | 14.78  | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 25      | 142     | 58      | 75      | 80.12  | cps   |
| Gadolinium | 160-2 | 3       | 20      | 10      | 11      | 75.52  | cps   |
| Holmium    | 165-1 | 7868405 | 7694132 | 7754022 | 7772186 | 1.14   | cps   |
| Holmium    | 165-2 | 2230504 | 2196799 | 2064822 | 2164042 | 4.05   | cps   |
| Indium     | 115-1 | 7074579 | 6883681 | 6952928 | 6970396 | 1.39   | cps   |
| Indium     | 115-2 | 397192  | 396457  | 374826  | 389492  | 3.26   | cps   |
| Iron       | 56-2  | 2850    | 3062    | 3034    | 2982    | 3.85   | cps   |
| Iron       | 57-2  | 94      | 78      | 106     | 93      | 15.10  | cps   |
| Lead       | 206-1 | 522     | 467     | 489     | 493     | 5.68   | cps   |
| Lead       | 207-1 | 439     | 494     | 450     | 461     | 6.38   | cps   |
| Lead       | 208-1 | 2139    | 2128    | 1917    | 2061    | 6.08   | cps   |
| Lithium    | 6-1   | 1210909 | 1188865 | 1183002 | 1194259 | 1.23   | cps   |
| Magnesium  | 24-2  | 150     | 250     | 192     | 197     | 25.47  | cps   |
| Manganese  | 55-2  | 40      | 47      | 50      | 46      | 11.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB028              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB028              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:51:57 | DataFile Name :   | 035CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 475     | 392     | 408     | 425     | 10.38  | cps   |
| Molybdenum | 94-1  | 658     | 550     | 608     | 606     | 8.95   | cps   |
| Molybdenum | 95-1  | 375     | 242     | 183     | 267     | 36.84  | cps   |
| Molybdenum | 96-1  | 458     | 558     | 350     | 456     | 22.87  | cps   |
| Molybdenum | 97-1  | 242     | 200     | 258     | 233     | 12.88  | cps   |
| Neodymium  | 150-1 | 20      | 0       | 13      | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 157     | 177     | 110     | 148     | 23.15  | cps   |
| Phosphorus | 31-2  | 0       | 42      | 8       | 17      | 132.30 | cps   |
| Potassium  | 39-2  | 4276    | 3859    | 3726    | 3954    | 7.26   | cps   |
| Rhodium    | 103-1 | 6790599 | 6593516 | 6681775 | 6688630 | 1.48   | cps   |
| Rhodium    | 103-2 | 2110146 | 2114870 | 1930097 | 2051704 | 5.13   | cps   |
| Scandium   | 45-1  | 4461308 | 4439149 | 4393531 | 4431329 | 0.78   | cps   |
| Scandium   | 45-2  | 43467   | 43691   | 40653   | 42604   | 3.97   | cps   |
| Selenium   | 77-2  | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 4       | 2       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | -43     | -54     | -94     | -64     | -42.43 | cps   |
| Silicon    | 28-1  | 430619  | 426819  | 433041  | 430160  | 0.73   | cps   |
| Silver     | 109-1 | 317     | 367     | 375     | 353     | 8.94   | cps   |
| Silver     | 107-1 | 342     | 500     | 283     | 375     | 29.90  | cps   |
| Sodium     | 23-2  | 11530   | 10946   | 10771   | 11083   | 3.59   | cps   |
| Strontium  | 86-1  | 867     | 808     | 817     | 831     | 3.80   | cps   |
| Strontium  | 88-1  | 367     | 217     | 167     | 250     | 41.63  | cps   |
| Sulfur     | 34-1  | 406026  | 410809  | 406829  | 407888  | 0.63   | cps   |
| Terbium    | 159-1 | 8186504 | 8086852 | 8239185 | 8170847 | 0.95   | cps   |
| Terbium    | 159-2 | 2130043 | 2131341 | 2001016 | 2087467 | 3.59   | cps   |
| Thallium   | 203-1 | 550     | 575     | 342     | 489     | 26.20  | cps   |
| Thallium   | 205-1 | 1158    | 1025    | 1008    | 1064    | 7.73   | cps   |
| Tin        | 118-1 | 1842    | 1784    | 1792    | 1806    | 1.75   | cps   |
| Titanium   | 47-1  | 208     | 175     | 100     | 161     | 34.44  | cps   |
| Uranium    | 238-1 | 83      | 75      | 133     | 97      | 32.45  | cps   |
| Vanadium   | 51-2  | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Yttrium    | 89-1  | 7562597 | 7498715 | 7445186 | 7502166 | 0.78   | cps   |
| Yttrium    | 89-2  | 293682  | 293174  | 276166  | 287674  | 3.47   | cps   |
| Zinc       | 66-2  | 67      | 60      | 67      | 64      | 5.98   | cps   |
| Zirconium  | 90-1  | 1275    | 1300    | 1275    | 1283    | 1.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB028              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB028              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:51:57 | DataFile Name :   | 035CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 225  | 325  | 289     | 19.21  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:55:04 | DataFile Name :   | 036CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 33      | 25      | 31      | 15.75  | cps   |
| Antimony   | 121-1 | 1075    | 1133    | 1083    | 1097    | 2.88   | cps   |
| Arsenic    | 75-2  | 4       | 6       | 6       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 25      | 58      | 25      | 36      | 53.30  | cps   |
| Barium     | 137-1 | 25      | 83      | 67      | 58      | 51.51  | cps   |
| Beryllium  | 9-1   | 111     | 161     | 150     | 141     | 18.65  | cps   |
| Bismuth    | 209-1 | 4688500 | 4609132 | 4591175 | 4629602 | 1.12   | cps   |
| Bismuth    | 209-2 | 1685673 | 1675143 | 1668268 | 1676361 | 0.52   | cps   |
| Boron      | 11-1  | 5693    | 5101    | 5435    | 5410    | 5.49   | cps   |
| Boron      | 10-1  | 983     | 1117    | 908     | 1003    | 10.52  | cps   |
| Cadmium    | 106-1 | 1567    | 1609    | 1517    | 1564    | 2.94   | cps   |
| Cadmium    | 108-1 | 8       | 13      | 13      | 11      | 21.67  | cps   |
| Cadmium    | 111-1 | 1103    | 1159    | 1074    | 1112    | 3.88   | cps   |
| Calcium    | 43-1  | 2384    | 2475    | 2109    | 2323    | 8.22   | cps   |
| Calcium    | 44-1  | 54582   | 53604   | 54407   | 54198   | 0.96   | cps   |
| Chromium   | 52-2  | 1063    | 1027    | 1087    | 1059    | 2.86   | cps   |
| Cobalt     | 59-2  | 60      | 40      | 47      | 49      | 20.83  | cps   |
| Copper     | 63-2  | 353     | 353     | 373     | 360     | 3.21   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 33      | 50      | 17      | 33      | 49.99  | cps   |
| Erbium     | 164-2 | 10      | 0       | 0       | 3       | 173.21 | cps   |
| Gadolinium | 160-1 | 108     | 67      | 67      | 81      | 29.86  | cps   |
| Gadolinium | 160-2 | 13      | 17      | 10      | 13      | 25.01  | cps   |
| Holmium    | 165-1 | 7635695 | 7623719 | 7645291 | 7634902 | 0.14   | cps   |
| Holmium    | 165-2 | 2228532 | 2178558 | 2169892 | 2192328 | 1.44   | cps   |
| Indium     | 115-1 | 6892392 | 6918277 | 6865472 | 6892047 | 0.38   | cps   |
| Indium     | 115-2 | 400300  | 399398  | 394999  | 398232  | 0.71   | cps   |
| Iron       | 56-2  | 2545    | 3067    | 2656    | 2756    | 9.98   | cps   |
| Iron       | 57-2  | 61      | 89      | 100     | 83      | 24.04  | cps   |
| Lead       | 206-1 | 517     | 539     | 472     | 509     | 6.67   | cps   |
| Lead       | 207-1 | 406     | 478     | 411     | 432     | 9.31   | cps   |
| Lead       | 208-1 | 1733    | 2100    | 1678    | 1837    | 12.49  | cps   |
| Lithium    | 6-1   | 1172743 | 1183309 | 1165499 | 1173850 | 0.76   | cps   |
| Magnesium  | 24-2  | 200     | 250     | 158     | 203     | 22.63  | cps   |
| Manganese  | 55-2  | 67      | 73      | 50      | 63      | 18.98  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:55:04 | DataFile Name :   | 036CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 167     | 142     | 117     | 142     | 17.65   | cps   |
| Molybdenum | 94-1  | 358     | 400     | 350     | 369     | 7.25    | cps   |
| Molybdenum | 95-1  | 92      | 83      | 83      | 86      | 5.58    | cps   |
| Molybdenum | 96-1  | 183     | 175     | 225     | 194     | 13.78   | cps   |
| Molybdenum | 97-1  | 50      | 100     | 67      | 72      | 35.26   | cps   |
| Neodymium  | 150-1 | 33      | 7       | 0       | 13      | 132.27  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 107     | 97      | 153     | 119     | 25.44   | cps   |
| Phosphorus | 31-2  | 25      | 8       | 25      | 19      | 49.50   | cps   |
| Potassium  | 39-2  | 3917    | 4101    | 4109    | 4042    | 2.68    | cps   |
| Rhodium    | 103-1 | 6712544 | 6554410 | 6665801 | 6644251 | 1.22    | cps   |
| Rhodium    | 103-2 | 2104098 | 2094895 | 2048725 | 2082573 | 1.42    | cps   |
| Scandium   | 45-1  | 4490800 | 4471705 | 4439480 | 4467328 | 0.58    | cps   |
| Scandium   | 45-2  | 43477   | 44049   | 43731   | 43753   | 0.65    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 4       | 4       | 2       | 3       | 34.64   | cps   |
| Selenium   | 82-1  | -50     | 0       | 8       | -14     | -227.75 | cps   |
| Silicon    | 28-1  | 424326  | 425167  | 423054  | 424182  | 0.25    | cps   |
| Silver     | 109-1 | 208     | 175     | 200     | 194     | 8.92    | cps   |
| Silver     | 107-1 | 242     | 317     | 250     | 269     | 15.26   | cps   |
| Sodium     | 23-2  | 8536    | 8678    | 8186    | 8467    | 2.99    | cps   |
| Strontium  | 86-1  | 717     | 842     | 917     | 825     | 12.25   | cps   |
| Strontium  | 88-1  | 258     | 308     | 225     | 264     | 15.89   | cps   |
| Sulfur     | 34-1  | 410525  | 410678  | 415523  | 412242  | 0.69    | cps   |
| Terbium    | 159-1 | 8036811 | 8012067 | 8010996 | 8019958 | 0.18    | cps   |
| Terbium    | 159-2 | 2150635 | 2150652 | 2134254 | 2145180 | 0.44    | cps   |
| Thallium   | 203-1 | 217     | 250     | 142     | 203     | 27.37   | cps   |
| Thallium   | 205-1 | 517     | 517     | 483     | 506     | 3.81    | cps   |
| Tin        | 118-1 | 1400    | 1475    | 1067    | 1314    | 16.54   | cps   |
| Titanium   | 47-1  | 167     | 150     | 217     | 178     | 19.52   | cps   |
| Uranium    | 238-1 | 67      | 17      | 33      | 39      | 65.47   | cps   |
| Vanadium   | 51-2  | 17      | 27      | 30      | 24      | 28.38   | cps   |
| Yttrium    | 89-1  | 7420687 | 7466745 | 7439471 | 7442301 | 0.31    | cps   |
| Yttrium    | 89-2  | 296263  | 293092  | 290408  | 293254  | 1.00    | cps   |
| Zinc       | 66-2  | 63      | 60      | 50      | 58      | 12.01   | cps   |
| Zirconium  | 90-1  | 983     | 825     | 783     | 864     | 12.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:55:04 | DataFile Name :   | 036CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 258  | 167  | 203     | 24.08  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:58:36 | DataFile Name :   | 037LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 86707    | 86297    | 87444    | 86816    | 0.67   | cps   |
| Antimony   | 121-1 | 5101124  | 5148991  | 5043403  | 5097839  | 1.04   | cps   |
| Arsenic    | 75-2  | 71591    | 72105    | 72582    | 72093    | 0.69   | cps   |
| Barium     | 135-1 | 5335913  | 5337969  | 5267927  | 5313936  | 0.75   | cps   |
| Barium     | 137-1 | 9080785  | 9184253  | 8990118  | 9085052  | 1.07   | cps   |
| Beryllium  | 9-1   | 781613   | 789841   | 780069   | 783841   | 0.67   | cps   |
| Bismuth    | 209-1 | 4641689  | 4712168  | 4695776  | 4683211  | 0.79   | cps   |
| Bismuth    | 209-2 | 1608374  | 1641256  | 1650285  | 1633305  | 1.35   | cps   |
| Boron      | 11-1  | 408161   | 419317   | 423055   | 416845   | 1.86   | cps   |
| Boron      | 10-1  | 87458    | 89412    | 91936    | 89602    | 2.51   | cps   |
| Cadmium    | 106-1 | 119307   | 115929   | 116097   | 117111   | 1.63   | cps   |
| Cadmium    | 108-1 | 79047    | 80573    | 79327    | 79649    | 1.02   | cps   |
| Cadmium    | 111-1 | 1116371  | 1117675  | 1112694  | 1115580  | 0.23   | cps   |
| Calcium    | 43-1  | 1227938  | 1240724  | 1225270  | 1231311  | 0.67   | cps   |
| Calcium    | 44-1  | 19784025 | 19825904 | 19686722 | 19765550 | 0.36   | cps   |
| Chromium   | 52-2  | 606142   | 607632   | 613357   | 609044   | 0.63   | cps   |
| Cobalt     | 59-2  | 1266306  | 1265998  | 1282762  | 1271689  | 0.75   | cps   |
| Copper     | 63-2  | 2210528  | 2206701  | 2259204  | 2225478  | 1.32   | cps   |
| Dysprosium | 156-1 | 92       | 33       | 50       | 58       | 51.51  | cps   |
| Dysprosium | 156-2 | 17       | 13       | 7        | 12       | 41.65  | cps   |
| Erbium     | 164-1 | 50       | 42       | 33       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 10       | 0        | 7        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 58       | 86       | 27.93  | cps   |
| Gadolinium | 160-2 | 30       | 17       | 13       | 20       | 44.10  | cps   |
| Holmium    | 165-1 | 7923614  | 7879029  | 7863010  | 7888551  | 0.40   | cps   |
| Holmium    | 165-2 | 2161584  | 2222058  | 2166853  | 2183498  | 1.53   | cps   |
| Indium     | 115-1 | 6866547  | 6970006  | 6843435  | 6893329  | 0.98   | cps   |
| Indium     | 115-2 | 373565   | 379124   | 384924   | 379205   | 1.50   | cps   |
| Iron       | 56-2  | 20531932 | 20646937 | 20898255 | 20692374 | 0.91   | cps   |
| Iron       | 57-2  | 510506   | 515418   | 518956   | 514960   | 0.82   | cps   |
| Lead       | 206-1 | 2831088  | 2867680  | 2772359  | 2823709  | 1.70   | cps   |
| Lead       | 207-1 | 2572531  | 2626177  | 2589307  | 2596005  | 1.06   | cps   |
| Lead       | 208-1 | 11419209 | 11520003 | 11485761 | 11474991 | 0.45   | cps   |
| Lithium    | 6-1   | 1187551  | 1196609  | 1204025  | 1196062  | 0.69   | cps   |
| Magnesium  | 24-2  | 2169383  | 2232420  | 2214060  | 2205288  | 1.47   | cps   |
| Manganese  | 55-2  | 342922   | 347786   | 352723   | 347810   | 1.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:58:36 | DataFile Name :   | 037LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3661867  | 3653537  | 3614042  | 3643149  | 0.70   | cps   |
| Molybdenum | 94-1  | 4207797  | 4250733  | 4161830  | 4206787  | 1.06   | cps   |
| Molybdenum | 95-1  | 2274745  | 2303846  | 2305314  | 2294635  | 0.75   | cps   |
| Molybdenum | 96-1  | 2919770  | 2947034  | 2887998  | 2918268  | 1.01   | cps   |
| Molybdenum | 97-1  | 1393887  | 1385514  | 1391361  | 1390254  | 0.31   | cps   |
| Neodymium  | 150-1 | 200      | 167      | 147      | 171      | 15.75  | cps   |
| Neodymium  | 150-2 | 3        | 13       | 7        | 8        | 65.47  | cps   |
| Nickel     | 60-2  | 363447   | 366265   | 370071   | 366594   | 0.91   | cps   |
| Phosphorus | 31-2  | 6468     | 6752     | 6452     | 6557     | 2.57   | cps   |
| Potassium  | 39-2  | 659874   | 669672   | 677870   | 669139   | 1.35   | cps   |
| Rhodium    | 103-1 | 6620581  | 6548379  | 6472192  | 6547050  | 1.13   | cps   |
| Rhodium    | 103-2 | 1967894  | 1995149  | 2024287  | 1995776  | 1.41   | cps   |
| Scandium   | 45-1  | 4474089  | 4493839  | 4439505  | 4469144  | 0.62   | cps   |
| Scandium   | 45-2  | 42949    | 43153    | 43534    | 43212    | 0.69   | cps   |
| Selenium   | 77-2  | 560      | 500      | 613      | 558      | 10.17  | cps   |
| Selenium   | 78-2  | 1817     | 1874     | 1789     | 1827     | 2.38   | cps   |
| Selenium   | 82-1  | 70845    | 70749    | 69477    | 70357    | 1.09   | cps   |
| Silicon    | 28-1  | 2629948  | 2657318  | 2659870  | 2649045  | 0.63   | cps   |
| Silver     | 109-1 | 5394219  | 5406651  | 5353461  | 5384777  | 0.52   | cps   |
| Silver     | 107-1 | 5617855  | 5597957  | 5615180  | 5610331  | 0.19   | cps   |
| Sodium     | 23-2  | 5310903  | 5296314  | 5357906  | 5321708  | 0.60   | cps   |
| Strontium  | 86-1  | 1461707  | 1456691  | 1440514  | 1452971  | 0.76   | cps   |
| Strontium  | 88-1  | 12408868 | 12519915 | 12305202 | 12411328 | 0.87   | cps   |
| Sulfur     | 34-1  | 801691   | 800199   | 790755   | 797548   | 0.74   | cps   |
| Terbium    | 159-1 | 8283208  | 8238876  | 8240852  | 8254312  | 0.30   | cps   |
| Terbium    | 159-2 | 2096826  | 2106786  | 2136148  | 2113253  | 0.97   | cps   |
| Thallium   | 203-1 | 3539395  | 3486399  | 3510441  | 3512078  | 0.76   | cps   |
| Thallium   | 205-1 | 8150003  | 8217057  | 8133168  | 8166743  | 0.54   | cps   |
| Tin        | 118-1 | 3571135  | 3609313  | 3556652  | 3579033  | 0.76   | cps   |
| Titanium   | 47-1  | 644223   | 644418   | 635616   | 641419   | 0.78   | cps   |
| Uranium    | 238-1 | 10448183 | 10549847 | 10492043 | 10496691 | 0.49   | cps   |
| Vanadium   | 51-2  | 450376   | 453000   | 455480   | 452952   | 0.56   | cps   |
| Yttrium    | 89-1  | 7570136  | 7598979  | 7437481  | 7535532  | 1.14   | cps   |
| Yttrium    | 89-2  | 284652   | 285013   | 291182   | 286949   | 1.28   | cps   |
| Zinc       | 66-2  | 193030   | 194206   | 196091   | 194442   | 0.79   | cps   |
| Zirconium  | 90-1  | 7957863  | 7964437  | 7920071  | 7947457  | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101592BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB101592BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 14:58:36 | DataFile Name :   | 037LCS6.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1827480 | 1816725 | 1785426 | 1809877 | 1.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-A       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:01:34 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 33       | 42       | 33       | 36       | 13.33  | cps   |
| Antimony   | 121-1 | 7786     | 7561     | 7461     | 7602     | 2.19   | cps   |
| Arsenic    | 75-2  | 52       | 52       | 57       | 54       | 5.98   | cps   |
| Barium     | 135-1 | 150816   | 151828   | 147170   | 149938   | 1.63   | cps   |
| Barium     | 137-1 | 259418   | 261319   | 255467   | 258735   | 1.15   | cps   |
| Beryllium  | 9-1   | 222      | 156      | 144      | 174      | 24.17  | cps   |
| Bismuth    | 209-1 | 4759217  | 4648523  | 4442104  | 4616615  | 3.49   | cps   |
| Bismuth    | 209-2 | 1664087  | 1638369  | 1721170  | 1674542  | 2.53   | cps   |
| Boron      | 11-1  | 63651    | 62178    | 63248    | 63026    | 1.21   | cps   |
| Boron      | 10-1  | 14133    | 13632    | 13290    | 13685    | 3.10   | cps   |
| Cadmium    | 106-1 | 1650     | 1492     | 1567     | 1570     | 5.05   | cps   |
| Cadmium    | 108-1 | 46       | 46       | 46       | 46       | 0.00   | cps   |
| Cadmium    | 111-1 | 1336     | 1166     | 1219     | 1240     | 6.98   | cps   |
| Calcium    | 43-1  | 886116   | 888465   | 877216   | 883932   | 0.67   | cps   |
| Calcium    | 44-1  | 14562896 | 14520001 | 14284939 | 14455945 | 1.04   | cps   |
| Chromium   | 52-2  | 1047     | 933      | 1013     | 998      | 5.84   | cps   |
| Cobalt     | 59-2  | 593      | 443      | 557      | 531      | 14.72  | cps   |
| Copper     | 63-2  | 2980448  | 2952987  | 2969054  | 2967496  | 0.46   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 17       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 33       | 17       | 25       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 23       | 17       | 13       | 18       | 28.64  | cps   |
| Gadolinium | 160-1 | 67       | 117      | 33       | 72       | 58.08  | cps   |
| Gadolinium | 160-2 | 7        | 30       | 27       | 21       | 59.77  | cps   |
| Holmium    | 165-1 | 7965049  | 7820860  | 7679878  | 7821929  | 1.82   | cps   |
| Holmium    | 165-2 | 2245924  | 2191534  | 2237966  | 2225142  | 1.32   | cps   |
| Indium     | 115-1 | 7238534  | 7263132  | 6974225  | 7158630  | 2.24   | cps   |
| Indium     | 115-2 | 406505   | 401378   | 408925   | 405603   | 0.95   | cps   |
| Iron       | 56-2  | 10615    | 10810    | 10543    | 10656    | 1.29   | cps   |
| Iron       | 57-2  | 233      | 267      | 278      | 259      | 8.92   | cps   |
| Lead       | 206-1 | 2245     | 2300     | 2145     | 2230     | 3.54   | cps   |
| Lead       | 207-1 | 2022     | 1845     | 1989     | 1952     | 4.84   | cps   |
| Lead       | 208-1 | 9207     | 8440     | 8357     | 8668     | 5.41   | cps   |
| Lithium    | 6-1   | 1251008  | 1231730  | 1189143  | 1223960  | 2.59   | cps   |
| Magnesium  | 24-2  | 492364   | 477069   | 486707   | 485380   | 1.59   | cps   |
| Manganese  | 55-2  | 10301    | 10467    | 10447    | 10405    | 0.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-A       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:01:34 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 10246    | 10279    | 9821     | 10115    | 2.53   | cps   |
| Molybdenum | 94-1  | 3801     | 4017     | 3984     | 3934     | 2.97   | cps   |
| Molybdenum | 95-1  | 6235     | 6243     | 5735     | 6071     | 4.80   | cps   |
| Molybdenum | 96-1  | 6827     | 6902     | 6885     | 6871     | 0.57   | cps   |
| Molybdenum | 97-1  | 3801     | 3884     | 3834     | 3840     | 1.09   | cps   |
| Neodymium  | 150-1 | 20       | 33       | 13       | 22       | 45.83  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 30330    | 29294    | 29618    | 29748    | 1.78   | cps   |
| Phosphorus | 31-2  | 33       | 108      | 33       | 58       | 74.23  | cps   |
| Potassium  | 39-2  | 88058    | 85266    | 86491    | 86605    | 1.62   | cps   |
| Rhodium    | 103-1 | 6951331  | 6946343  | 6693158  | 6863610  | 2.15   | cps   |
| Rhodium    | 103-2 | 2116920  | 2104096  | 2101832  | 2107616  | 0.39   | cps   |
| Scandium   | 45-1  | 4751401  | 4742930  | 4620998  | 4705110  | 1.55   | cps   |
| Scandium   | 45-2  | 44514    | 44240    | 44694    | 44483    | 0.51   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 0        | 7        | 4        | 4        | 100.05 | cps   |
| Selenium   | 82-1  | -1       | 94       | 45       | 46       | 102.97 | cps   |
| Silicon    | 28-1  | 21976834 | 21855144 | 21471783 | 21767921 | 1.21   | cps   |
| Silver     | 109-1 | 4409     | 4259     | 4101     | 4256     | 3.62   | cps   |
| Silver     | 107-1 | 4609     | 4159     | 4418     | 4395     | 5.14   | cps   |
| Sodium     | 23-2  | 4222710  | 4125525  | 4183130  | 4177122  | 1.17   | cps   |
| Strontium  | 86-1  | 614221   | 609335   | 590576   | 604711   | 2.06   | cps   |
| Strontium  | 88-1  | 5350585  | 5314581  | 5215489  | 5293552  | 1.32   | cps   |
| Sulfur     | 34-1  | 1097653  | 1080648  | 1074747  | 1084350  | 1.10   | cps   |
| Terbium    | 159-1 | 8426618  | 8225073  | 8033985  | 8228559  | 2.39   | cps   |
| Terbium    | 159-2 | 2157059  | 2161995  | 2209875  | 2176310  | 1.34   | cps   |
| Thallium   | 203-1 | 1442     | 933      | 633      | 1003     | 40.75  | cps   |
| Thallium   | 205-1 | 3417     | 2084     | 1717     | 2406     | 37.19  | cps   |
| Tin        | 118-1 | 7386     | 6927     | 6960     | 7091     | 3.61   | cps   |
| Titanium   | 47-1  | 425      | 425      | 483      | 444      | 7.58   | cps   |
| Uranium    | 238-1 | 1675     | 1559     | 1734     | 1656     | 5.38   | cps   |
| Vanadium   | 51-2  | 560      | 643      | 587      | 597      | 7.13   | cps   |
| Yttrium    | 89-1  | 7956789  | 7902800  | 7603949  | 7821180  | 2.43   | cps   |
| Yttrium    | 89-2  | 302961   | 298623   | 302893   | 301492   | 0.82   | cps   |
| Zinc       | 66-2  | 103999   | 101370   | 104040   | 103137   | 1.48   | cps   |
| Zirconium  | 90-1  | 1133     | 1292     | 1275     | 1233     | 7.05   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-A       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:01:34 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 267  | 200  | 242     | 15.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-ADUP    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:04:41 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 42       | 17       | 75       | 44       | 65.84  | cps   |
| Antimony   | 121-1 | 4334     | 5085     | 4759     | 4726     | 7.96   | cps   |
| Arsenic    | 75-2  | 41       | 44       | 56       | 47       | 16.44  | cps   |
| Barium     | 135-1 | 147869   | 145761   | 147143   | 146924   | 0.73   | cps   |
| Barium     | 137-1 | 255628   | 257453   | 257529   | 256870   | 0.42   | cps   |
| Beryllium  | 9-1   | 156      | 167      | 156      | 159      | 4.03   | cps   |
| Bismuth    | 209-1 | 4578701  | 4559358  | 4520301  | 4552787  | 0.65   | cps   |
| Bismuth    | 209-2 | 1688015  | 1681037  | 1682404  | 1683819  | 0.22   | cps   |
| Boron      | 11-1  | 56930    | 55776    | 57039    | 56582    | 1.24   | cps   |
| Boron      | 10-1  | 11872    | 12514    | 12289    | 12225    | 2.67   | cps   |
| Cadmium    | 106-1 | 1709     | 1692     | 1517     | 1639     | 6.48   | cps   |
| Cadmium    | 108-1 | 46       | 42       | 33       | 40       | 15.80  | cps   |
| Cadmium    | 111-1 | 1272     | 1238     | 1151     | 1221     | 5.13   | cps   |
| Calcium    | 43-1  | 872247   | 865589   | 865982   | 867940   | 0.43   | cps   |
| Calcium    | 44-1  | 14245881 | 14298500 | 14177446 | 14240609 | 0.43   | cps   |
| Chromium   | 52-2  | 893      | 980      | 937      | 937      | 4.63   | cps   |
| Cobalt     | 59-2  | 513      | 533      | 497      | 514      | 3.57   | cps   |
| Copper     | 63-2  | 3022884  | 3019304  | 2989366  | 3010518  | 0.61   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 17       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 17       | 42       | 33       | 31       | 41.66  | cps   |
| Erbium     | 164-2 | 20       | 3        | 7        | 10       | 88.20  | cps   |
| Gadolinium | 160-1 | 100      | 117      | 92       | 103      | 12.39  | cps   |
| Gadolinium | 160-2 | 20       | 17       | 20       | 19       | 10.18  | cps   |
| Holmium    | 165-1 | 7849213  | 7785469  | 7687440  | 7774041  | 1.05   | cps   |
| Holmium    | 165-2 | 2292955  | 2240998  | 2282580  | 2272178  | 1.21   | cps   |
| Indium     | 115-1 | 7059468  | 7065835  | 7129978  | 7085094  | 0.55   | cps   |
| Indium     | 115-2 | 410765   | 407383   | 407827   | 408658   | 0.45   | cps   |
| Iron       | 56-2  | 10627    | 10210    | 10610    | 10482    | 2.25   | cps   |
| Iron       | 57-2  | 289      | 278      | 317      | 294      | 6.80   | cps   |
| Lead       | 206-1 | 2067     | 1939     | 1995     | 2000     | 3.20   | cps   |
| Lead       | 207-1 | 1756     | 1706     | 1650     | 1704     | 3.10   | cps   |
| Lead       | 208-1 | 7946     | 7762     | 7473     | 7727     | 3.08   | cps   |
| Lithium    | 6-1   | 1217500  | 1199154  | 1211653  | 1209436  | 0.77   | cps   |
| Magnesium  | 24-2  | 487079   | 481711   | 483118   | 483969   | 0.58   | cps   |
| Manganese  | 55-2  | 10648    | 10551    | 10060    | 10420    | 3.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-ADUP    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:04:41 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 9154     | 9462     | 9646     | 9420     | 2.64    | cps   |
| Molybdenum | 94-1  | 3584     | 3876     | 3567     | 3676     | 4.72    | cps   |
| Molybdenum | 95-1  | 5935     | 6135     | 5918     | 5996     | 2.01    | cps   |
| Molybdenum | 96-1  | 6402     | 6752     | 6802     | 6652     | 3.28    | cps   |
| Molybdenum | 97-1  | 3501     | 4368     | 3542     | 3804     | 12.85   | cps   |
| Neodymium  | 150-1 | 40       | 33       | 20       | 31       | 32.73   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 30323    | 30437    | 30026    | 30262    | 0.70    | cps   |
| Phosphorus | 31-2  | 100      | 67       | 67       | 78       | 24.75   | cps   |
| Potassium  | 39-2  | 86071    | 85032    | 85325    | 85476    | 0.63    | cps   |
| Rhodium    | 103-1 | 6728946  | 6739766  | 6683225  | 6717312  | 0.45    | cps   |
| Rhodium    | 103-2 | 2183051  | 2136608  | 2122207  | 2147289  | 1.48    | cps   |
| Scandium   | 45-1  | 4685601  | 4662992  | 4639661  | 4662751  | 0.49    | cps   |
| Scandium   | 45-2  | 46500    | 45009    | 45179    | 45563    | 1.79    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 4        | 6        | 6        | 5        | 21.74   | cps   |
| Selenium   | 82-1  | -34      | -88      | -2       | -41      | -105.25 | cps   |
| Silicon    | 28-1  | 21254393 | 21248404 | 21202712 | 21235170 | 0.13    | cps   |
| Silver     | 109-1 | 3042     | 2700     | 2767     | 2837     | 6.39    | cps   |
| Silver     | 107-1 | 2834     | 2867     | 2542     | 2748     | 6.51    | cps   |
| Sodium     | 23-2  | 4227109  | 4200948  | 4192944  | 4207000  | 0.42    | cps   |
| Strontium  | 86-1  | 592210   | 596386   | 596286   | 594960   | 0.40    | cps   |
| Strontium  | 88-1  | 5254033  | 5177988  | 5178742  | 5203587  | 0.84    | cps   |
| Sulfur     | 34-1  | 1062212  | 1051451  | 1050909  | 1054857  | 0.60    | cps   |
| Terbium    | 159-1 | 8197778  | 8145131  | 8137744  | 8160218  | 0.40    | cps   |
| Terbium    | 159-2 | 2197681  | 2178695  | 2197718  | 2191365  | 0.50    | cps   |
| Thallium   | 203-1 | 167      | 117      | 125      | 136      | 19.68   | cps   |
| Thallium   | 205-1 | 333      | 375      | 300      | 336      | 11.18   | cps   |
| Tin        | 118-1 | 6268     | 6068     | 6210     | 6182     | 1.67    | cps   |
| Titanium   | 47-1  | 392      | 525      | 233      | 383      | 38.09   | cps   |
| Uranium    | 238-1 | 1492     | 1834     | 1567     | 1631     | 11.01   | cps   |
| Vanadium   | 51-2  | 653      | 587      | 570      | 603      | 7.31    | cps   |
| Yttrium    | 89-1  | 7795438  | 7704674  | 7682988  | 7727700  | 0.77    | cps   |
| Yttrium    | 89-2  | 304584   | 300354   | 302036   | 302325   | 0.70    | cps   |
| Zinc       | 66-2  | 103650   | 103784   | 104187   | 103874   | 0.27    | cps   |
| Zirconium  | 90-1  | 942      | 833      | 1108     | 961      | 14.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-ADUP    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:04:41 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 208  | 267  | 228     | 14.79  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AL      | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 15:07:48 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 17      | 33      | 36      | 58.08  | cps   |
| Antimony   | 121-1 | 1183    | 1342    | 1058    | 1195    | 11.89  | cps   |
| Arsenic    | 75-2  | 6       | 6       | 19      | 10      | 75.73  | cps   |
| Barium     | 135-1 | 27079   | 27964   | 27613   | 27552   | 1.62   | cps   |
| Barium     | 137-1 | 46031   | 48281   | 47812   | 47375   | 2.51   | cps   |
| Beryllium  | 9-1   | 111     | 111     | 144     | 122     | 15.75  | cps   |
| Bismuth    | 209-1 | 4413717 | 4460707 | 4484984 | 4453136 | 0.81   | cps   |
| Bismuth    | 209-2 | 1651387 | 1642930 | 1642386 | 1645568 | 0.31   | cps   |
| Boron      | 11-1  | 16126   | 16268   | 16435   | 16277   | 0.95   | cps   |
| Boron      | 10-1  | 3434    | 3451    | 3334    | 3406    | 1.85   | cps   |
| Cadmium    | 106-1 | 1650    | 1417    | 1709    | 1592    | 9.70   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 13      | 10      | 49.46  | cps   |
| Cadmium    | 111-1 | 1180    | 997     | 1229    | 1135    | 10.75  | cps   |
| Calcium    | 43-1  | 161738  | 164251  | 164115  | 163368  | 0.87   | cps   |
| Calcium    | 44-1  | 2715571 | 2732208 | 2750775 | 2732851 | 0.64   | cps   |
| Chromium   | 52-2  | 1107    | 1117    | 1177    | 1133    | 3.34   | cps   |
| Cobalt     | 59-2  | 137     | 113     | 150     | 133     | 13.92  | cps   |
| Copper     | 63-2  | 561474  | 558725  | 555517  | 558572  | 0.53   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 42      | 8       | 33      | 28      | 62.46  | cps   |
| Erbium     | 164-2 | 10      | 10      | 10      | 10      | 0.00   | cps   |
| Gadolinium | 160-1 | 42      | 58      | 92      | 64      | 39.85  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Holmium    | 165-1 | 7422120 | 7500197 | 7502543 | 7474954 | 0.61   | cps   |
| Holmium    | 165-2 | 2196793 | 2163697 | 2185730 | 2182073 | 0.77   | cps   |
| Indium     | 115-1 | 6747941 | 6799756 | 6816727 | 6788142 | 0.53   | cps   |
| Indium     | 115-2 | 399038  | 396367  | 393633  | 396346  | 0.68   | cps   |
| Iron       | 56-2  | 4695    | 4723    | 4412    | 4610    | 3.74   | cps   |
| Iron       | 57-2  | 167     | 139     | 106     | 137     | 22.33  | cps   |
| Lead       | 206-1 | 578     | 656     | 667     | 633     | 7.65   | cps   |
| Lead       | 207-1 | 567     | 594     | 594     | 585     | 2.74   | cps   |
| Lead       | 208-1 | 2367    | 2734    | 2722    | 2608    | 8.00   | cps   |
| Lithium    | 6-1   | 1128797 | 1147638 | 1132083 | 1136173 | 0.89   | cps   |
| Magnesium  | 24-2  | 90378   | 91744   | 89992   | 90705   | 1.01   | cps   |
| Manganese  | 55-2  | 2030    | 2200    | 2014    | 2081    | 4.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AL      | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 15:07:48 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 2200    | 1800    | 1959    | 1986    | 10.14   | cps   |
| Molybdenum | 94-1  | 800     | 1033    | 1075    | 970     | 15.29   | cps   |
| Molybdenum | 95-1  | 1142    | 1067    | 1250    | 1153    | 8.00    | cps   |
| Molybdenum | 96-1  | 1258    | 1392    | 1383    | 1345    | 5.56    | cps   |
| Molybdenum | 97-1  | 892     | 725     | 867     | 828     | 10.86   | cps   |
| Neodymium  | 150-1 | 27      | 7       | 20      | 18      | 57.27   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 5955    | 5901    | 6175    | 6010    | 2.41    | cps   |
| Phosphorus | 31-2  | 33      | 8       | 33      | 25      | 57.74   | cps   |
| Potassium  | 39-2  | 19272   | 18755   | 18755   | 18927   | 1.58    | cps   |
| Rhodium    | 103-1 | 6523442 | 6542015 | 6496972 | 6520810 | 0.35    | cps   |
| Rhodium    | 103-2 | 2098193 | 2057962 | 2056003 | 2070719 | 1.15    | cps   |
| Scandium   | 45-1  | 4411566 | 4445208 | 4412381 | 4423052 | 0.43    | cps   |
| Scandium   | 45-2  | 43557   | 43561   | 42989   | 43369   | 0.76    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 4       | 2       | 4       | 50.09   | cps   |
| Selenium   | 82-1  | -40     | -102    | 35      | -35     | -194.40 | cps   |
| Silicon    | 28-1  | 4250039 | 4289070 | 4325786 | 4288298 | 0.88    | cps   |
| Silver     | 109-1 | 850     | 967     | 883     | 900     | 6.68    | cps   |
| Silver     | 107-1 | 742     | 1025    | 933     | 900     | 16.06   | cps   |
| Sodium     | 23-2  | 783038  | 780467  | 780265  | 781257  | 0.20    | cps   |
| Strontium  | 86-1  | 112839  | 112586  | 113678  | 113034  | 0.51    | cps   |
| Strontium  | 88-1  | 963649  | 960770  | 975872  | 966763  | 0.83    | cps   |
| Sulfur     | 34-1  | 544061  | 543219  | 543570  | 543616  | 0.08    | cps   |
| Terbium    | 159-1 | 7866956 | 7841074 | 7839374 | 7849134 | 0.20    | cps   |
| Terbium    | 159-2 | 2134652 | 2092972 | 2124372 | 2117332 | 1.03    | cps   |
| Thallium   | 203-1 | 75      | 58      | 100     | 78      | 26.96   | cps   |
| Thallium   | 205-1 | 192     | 158     | 142     | 164     | 15.53   | cps   |
| Tin        | 118-1 | 1967    | 1750    | 1809    | 1842    | 6.09    | cps   |
| Titanium   | 47-1  | 183     | 142     | 250     | 192     | 28.51   | cps   |
| Uranium    | 238-1 | 375     | 383     | 375     | 378     | 1.27    | cps   |
| Vanadium   | 51-2  | 90      | 167     | 143     | 133     | 29.48   | cps   |
| Yttrium    | 89-1  | 7405049 | 7374775 | 7408334 | 7396053 | 0.25    | cps   |
| Yttrium    | 89-2  | 292475  | 289796  | 292916  | 291729  | 0.58    | cps   |
| Zinc       | 66-2  | 20365   | 19621   | 19904   | 19963   | 1.88    | cps   |
| Zirconium  | 90-1  | 758     | 675     | 642     | 692     | 8.69    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AL      | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 15:07:48 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 192  | 167  | 194     | 15.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMS     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:10:57 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92047    | 91008    | 88953    | 90670    | 1.74   | cps   |
| Antimony   | 121-1 | 5503213  | 5548245  | 5578284  | 5543247  | 0.68   | cps   |
| Arsenic    | 75-2  | 83819    | 82973    | 81734    | 82842    | 1.27   | cps   |
| Barium     | 135-1 | 5553291  | 5686316  | 5678223  | 5639277  | 1.32   | cps   |
| Barium     | 137-1 | 9610585  | 9714687  | 9756530  | 9693934  | 0.78   | cps   |
| Beryllium  | 9-1   | 862441   | 864729   | 867862   | 865010   | 0.31   | cps   |
| Bismuth    | 209-1 | 4501866  | 4536885  | 4666898  | 4568550  | 1.90   | cps   |
| Bismuth    | 209-2 | 1645906  | 1641138  | 1625296  | 1637447  | 0.66   | cps   |
| Boron      | 11-1  | 464920   | 470532   | 478656   | 471369   | 1.47   | cps   |
| Boron      | 10-1  | 101810   | 102028   | 103455   | 102431   | 0.87   | cps   |
| Cadmium    | 106-1 | 128575   | 126244   | 127347   | 127389   | 0.92   | cps   |
| Cadmium    | 108-1 | 85062    | 86320    | 87423    | 86268    | 1.37   | cps   |
| Cadmium    | 111-1 | 1216719  | 1230343  | 1232541  | 1226534  | 0.70   | cps   |
| Calcium    | 43-1  | 2225273  | 2202062  | 2192083  | 2206472  | 0.77   | cps   |
| Calcium    | 44-1  | 35676906 | 35571421 | 35490110 | 35579479 | 0.26   | cps   |
| Chromium   | 52-2  | 711523   | 705317   | 704649   | 707163   | 0.54   | cps   |
| Cobalt     | 59-2  | 1493025  | 1480116  | 1461389  | 1478177  | 1.08   | cps   |
| Copper     | 63-2  | 5141592  | 5195339  | 5112882  | 5149937  | 0.81   | cps   |
| Dysprosium | 156-1 | 142      | 142      | 125      | 136      | 7.07   | cps   |
| Dysprosium | 156-2 | 10       | 23       | 20       | 18       | 39.03  | cps   |
| Erbium     | 164-1 | 4518     | 4318     | 4576     | 4470     | 3.03   | cps   |
| Erbium     | 164-2 | 1193     | 1187     | 1183     | 1188     | 0.43   | cps   |
| Gadolinium | 160-1 | 508      | 475      | 400      | 461      | 12.03  | cps   |
| Gadolinium | 160-2 | 197      | 107      | 93       | 132      | 42.51  | cps   |
| Holmium    | 165-1 | 7792686  | 7780408  | 7836288  | 7803127  | 0.38   | cps   |
| Holmium    | 165-2 | 2231199  | 2253085  | 2200750  | 2228345  | 1.18   | cps   |
| Indium     | 115-1 | 6848085  | 6975568  | 7010720  | 6944791  | 1.23   | cps   |
| Indium     | 115-2 | 392023   | 386805   | 384218   | 387682   | 1.03   | cps   |
| Iron       | 56-2  | 21907458 | 21968357 | 21715987 | 21863934 | 0.60   | cps   |
| Iron       | 57-2  | 550445   | 548959   | 541652   | 547019   | 0.86   | cps   |
| Lead       | 206-1 | 3001614  | 3001461  | 3018712  | 3007263  | 0.33   | cps   |
| Lead       | 207-1 | 2760112  | 2764019  | 2771630  | 2765254  | 0.21   | cps   |
| Lead       | 208-1 | 12148460 | 12218440 | 12240241 | 12202380 | 0.39   | cps   |
| Lithium    | 6-1   | 1186105  | 1202340  | 1212463  | 1200303  | 1.11   | cps   |
| Magnesium  | 24-2  | 2931167  | 2915238  | 2911622  | 2919342  | 0.36   | cps   |
| Manganese  | 55-2  | 385781   | 383698   | 380654   | 383377   | 0.67   | cps   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-01MS Instrumnet Name : P8  
 Client Sample ID : INFANT-ROOM-AMS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:10:57 DataFile Name : 041SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3870401  | 3893117  | 3895835  | 3886451  | 0.36   | cps   |
| Molybdenum | 94-1  | 4623122  | 4639842  | 4673832  | 4645599  | 0.56   | cps   |
| Molybdenum | 95-1  | 2455292  | 2489404  | 2489306  | 2478001  | 0.79   | cps   |
| Molybdenum | 96-1  | 3147093  | 3176010  | 3203479  | 3175527  | 0.89   | cps   |
| Molybdenum | 97-1  | 1488915  | 1528207  | 1519698  | 1512273  | 1.37   | cps   |
| Neodymium  | 150-1 | 213      | 200      | 207      | 207      | 3.22   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 452528   | 453752   | 445592   | 450624   | 0.98   | cps   |
| Phosphorus | 31-2  | 100      | 125      | 108      | 111      | 11.46  | cps   |
| Potassium  | 39-2  | 792334   | 780097   | 777206   | 783212   | 1.03   | cps   |
| Rhodium    | 103-1 | 6577354  | 6642972  | 6685958  | 6635428  | 0.82   | cps   |
| Rhodium    | 103-2 | 2080083  | 2068456  | 2050503  | 2066347  | 0.72   | cps   |
| Scandium   | 45-1  | 4597540  | 4618614  | 4570255  | 4595470  | 0.53   | cps   |
| Scandium   | 45-2  | 45072    | 45627    | 44163    | 44954    | 1.65   | cps   |
| Selenium   | 77-2  | 573      | 700      | 503      | 592      | 16.83  | cps   |
| Selenium   | 78-2  | 2028     | 2100     | 2048     | 2059     | 1.81   | cps   |
| Selenium   | 82-1  | 79628    | 79706    | 79791    | 79708    | 0.10   | cps   |
| Silicon    | 28-1  | 22959029 | 22874538 | 22912720 | 22915429 | 0.18   | cps   |
| Silver     | 109-1 | 5524622  | 5586845  | 5610262  | 5573910  | 0.79   | cps   |
| Silver     | 107-1 | 5747427  | 5774348  | 5870551  | 5797442  | 1.12   | cps   |
| Sodium     | 23-2  | 10112871 | 10023522 | 9887339  | 10007911 | 1.13   | cps   |
| Strontium  | 86-1  | 596636   | 602457   | 596024   | 598372   | 0.59   | cps   |
| Strontium  | 88-1  | 5247197  | 5197959  | 5230520  | 5225225  | 0.48   | cps   |
| Sulfur     | 34-1  | 1055840  | 1036747  | 1031079  | 1041222  | 1.25   | cps   |
| Terbium    | 159-1 | 8149669  | 8248084  | 8277566  | 8225106  | 0.81   | cps   |
| Terbium    | 159-2 | 2169806  | 2181348  | 2158582  | 2169912  | 0.52   | cps   |
| Thallium   | 203-1 | 3839690  | 3813540  | 3799016  | 3817415  | 0.54   | cps   |
| Thallium   | 205-1 | 8833394  | 8917992  | 8856993  | 8869460  | 0.49   | cps   |
| Tin        | 118-1 | 3720159  | 3730343  | 3797134  | 3749212  | 1.12   | cps   |
| Titanium   | 47-1  | 689004   | 689018   | 685584   | 687869   | 0.29   | cps   |
| Uranium    | 238-1 | 11167175 | 11112197 | 11422749 | 11234040 | 1.48   | cps   |
| Vanadium   | 51-2  | 520264   | 516088   | 511710   | 516021   | 0.83   | cps   |
| Yttrium    | 89-1  | 7714958  | 7741046  | 7788693  | 7748233  | 0.48   | cps   |
| Yttrium    | 89-2  | 301545   | 296355   | 293788   | 297229   | 1.33   | cps   |
| Zinc       | 66-2  | 308764   | 310719   | 304601   | 308028   | 1.01   | cps   |
| Zirconium  | 90-1  | 8918614  | 8871334  | 8962503  | 8917484  | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMS     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:10:57 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2045917 | 2019168 | 2037745 | 2034277 | 0.67   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-01MSD Instrumnet Name : P8  
 Client Sample ID : INFANT-ROOM-AMSD Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:13:54 DataFile Name : 042SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 93297    | 91696    | 89926    | 91640    | 1.84   | cps   |
| Antimony   | 121-1 | 5730039  | 5721905  | 5745615  | 5732520  | 0.21   | cps   |
| Arsenic    | 75-2  | 84570    | 84208    | 83946    | 84241    | 0.37   | cps   |
| Barium     | 135-1 | 5837838  | 5785637  | 5814153  | 5812543  | 0.45   | cps   |
| Barium     | 137-1 | 10163531 | 9984152  | 10013741 | 10053808 | 0.96   | cps   |
| Beryllium  | 9-1   | 893741   | 886705   | 883073   | 887840   | 0.61   | cps   |
| Bismuth    | 209-1 | 4808513  | 4745071  | 4676970  | 4743518  | 1.39   | cps   |
| Bismuth    | 209-2 | 1671536  | 1656501  | 1656433  | 1661490  | 0.52   | cps   |
| Boron      | 11-1  | 490286   | 496522   | 499623   | 495477   | 0.96   | cps   |
| Boron      | 10-1  | 106141   | 106099   | 107416   | 106552   | 0.70   | cps   |
| Cadmium    | 106-1 | 130814   | 131681   | 130308   | 130934   | 0.53   | cps   |
| Cadmium    | 108-1 | 90262    | 88241    | 88291    | 88931    | 1.30   | cps   |
| Cadmium    | 111-1 | 1269037  | 1265687  | 1260908  | 1265211  | 0.32   | cps   |
| Calcium    | 43-1  | 2257146  | 2264567  | 2242421  | 2254711  | 0.50   | cps   |
| Calcium    | 44-1  | 36630648 | 35916094 | 35767127 | 36104623 | 1.28   | cps   |
| Chromium   | 52-2  | 717135   | 710896   | 706153   | 711395   | 0.77   | cps   |
| Cobalt     | 59-2  | 1513876  | 1479350  | 1483051  | 1492092  | 1.27   | cps   |
| Copper     | 63-2  | 5274903  | 5132112  | 5163809  | 5190274  | 1.44   | cps   |
| Dysprosium | 156-1 | 183      | 175      | 83       | 147      | 37.69  | cps   |
| Dysprosium | 156-2 | 13       | 30       | 27       | 23       | 37.81  | cps   |
| Erbium     | 164-1 | 4493     | 4434     | 4784     | 4570     | 4.10   | cps   |
| Erbium     | 164-2 | 1283     | 1240     | 1167     | 1230     | 4.79   | cps   |
| Gadolinium | 160-1 | 342      | 483      | 450      | 425      | 17.43  | cps   |
| Gadolinium | 160-2 | 107      | 130      | 170      | 136      | 23.63  | cps   |
| Holmium    | 165-1 | 8187906  | 8168010  | 8085174  | 8147030  | 0.67   | cps   |
| Holmium    | 165-2 | 2260932  | 2234494  | 2254114  | 2249847  | 0.61   | cps   |
| Indium     | 115-1 | 7184977  | 7091513  | 7208047  | 7161512  | 0.86   | cps   |
| Indium     | 115-2 | 391986   | 387736   | 386124   | 388615   | 0.78   | cps   |
| Iron       | 56-2  | 22272548 | 22023455 | 22125600 | 22140535 | 0.57   | cps   |
| Iron       | 57-2  | 557044   | 552819   | 546450   | 552104   | 0.97   | cps   |
| Lead       | 206-1 | 3166292  | 3152834  | 3076913  | 3132013  | 1.54   | cps   |
| Lead       | 207-1 | 2893663  | 2877531  | 2847640  | 2872945  | 0.81   | cps   |
| Lead       | 208-1 | 12792491 | 12724003 | 12569850 | 12695448 | 0.90   | cps   |
| Lithium    | 6-1   | 1221271  | 1230021  | 1195250  | 1215514  | 1.49   | cps   |
| Magnesium  | 24-2  | 2840901  | 2817405  | 2844564  | 2834290  | 0.52   | cps   |
| Manganese  | 55-2  | 390623   | 387394   | 385913   | 387977   | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMSD    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:13:54 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 4010787  | 3979790  | 3957751  | 3982776  | 0.67   | cps   |
| Molybdenum | 94-1  | 4769651  | 4742219  | 4717984  | 4743285  | 0.54   | cps   |
| Molybdenum | 95-1  | 2539445  | 2497105  | 2510471  | 2515674  | 0.86   | cps   |
| Molybdenum | 96-1  | 3292253  | 3215977  | 3202179  | 3236803  | 1.50   | cps   |
| Molybdenum | 97-1  | 1570281  | 1529975  | 1522321  | 1540859  | 1.67   | cps   |
| Neodymium  | 150-1 | 180      | 140      | 213      | 178      | 20.65  | cps   |
| Neodymium  | 150-2 | 3        | 20       | 10       | 11       | 75.52  | cps   |
| Nickel     | 60-2  | 461435   | 455168   | 458416   | 458339   | 0.68   | cps   |
| Phosphorus | 31-2  | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Potassium  | 39-2  | 798618   | 778892   | 781475   | 786328   | 1.36   | cps   |
| Rhodium    | 103-1 | 6890022  | 6796316  | 6740433  | 6808924  | 1.11   | cps   |
| Rhodium    | 103-2 | 2084786  | 2066707  | 2050239  | 2067244  | 0.84   | cps   |
| Scandium   | 45-1  | 4757418  | 4675553  | 4671878  | 4701616  | 1.03   | cps   |
| Scandium   | 45-2  | 45614    | 45778    | 45340    | 45577    | 0.49   | cps   |
| Selenium   | 77-2  | 583      | 680      | 653      | 639      | 7.81   | cps   |
| Selenium   | 78-2  | 2041     | 2035     | 2071     | 2049     | 0.92   | cps   |
| Selenium   | 82-1  | 81699    | 81646    | 81401    | 81582    | 0.19   | cps   |
| Silicon    | 28-1  | 23209210 | 22890730 | 22857438 | 22985793 | 0.84   | cps   |
| Silver     | 109-1 | 5797968  | 5710993  | 5697867  | 5735609  | 0.95   | cps   |
| Silver     | 107-1 | 5950717  | 5957295  | 5896342  | 5934785  | 0.56   | cps   |
| Sodium     | 23-2  | 10171241 | 9934643  | 10000414 | 10035433 | 1.22   | cps   |
| Strontium  | 86-1  | 607315   | 601079   | 602993   | 603796   | 0.53   | cps   |
| Strontium  | 88-1  | 5336368  | 5255481  | 5232246  | 5274698  | 1.04   | cps   |
| Sulfur     | 34-1  | 1034287  | 1026260  | 1018921  | 1026489  | 0.75   | cps   |
| Terbium    | 159-1 | 8715559  | 8516609  | 8488894  | 8573687  | 1.44   | cps   |
| Terbium    | 159-2 | 2206475  | 2173203  | 2153085  | 2177588  | 1.24   | cps   |
| Thallium   | 203-1 | 4052315  | 4036039  | 3963096  | 4017150  | 1.18   | cps   |
| Thallium   | 205-1 | 9379618  | 9373385  | 9134715  | 9295906  | 1.50   | cps   |
| Tin        | 118-1 | 3874120  | 3830418  | 3859467  | 3854668  | 0.58   | cps   |
| Titanium   | 47-1  | 704263   | 699504   | 693908   | 699225   | 0.74   | cps   |
| Uranium    | 238-1 | 11729525 | 11814790 | 11721696 | 11755337 | 0.44   | cps   |
| Vanadium   | 51-2  | 527622   | 518993   | 517016   | 521210   | 1.08   | cps   |
| Yttrium    | 89-1  | 7886839  | 7856251  | 7865614  | 7869568  | 0.20   | cps   |
| Yttrium    | 89-2  | 300649   | 294964   | 292008   | 295874   | 1.48   | cps   |
| Zinc       | 66-2  | 312412   | 308665   | 307908   | 309662   | 0.78   | cps   |
| Zirconium  | 90-1  | 9069381  | 9074140  | 8999798  | 9047773  | 0.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AMSD    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:13:54 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2077791 | 2051707 | 2059876 | 2063125 | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AA      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:16:52 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 91443    | 88828    | 90806    | 90359    | 1.51   | cps   |
| Antimony   | 121-1 | 5720206  | 5676629  | 5711956  | 5702931  | 0.41   | cps   |
| Arsenic    | 75-2  | 83407    | 83234    | 83914    | 83518    | 0.42   | cps   |
| Barium     | 135-1 | 5815369  | 5804286  | 5846188  | 5821948  | 0.37   | cps   |
| Barium     | 137-1 | 9928036  | 9908103  | 9965229  | 9933789  | 0.29   | cps   |
| Beryllium  | 9-1   | 882871   | 875518   | 873647   | 877345   | 0.56   | cps   |
| Bismuth    | 209-1 | 4748226  | 4753136  | 4829410  | 4776924  | 0.95   | cps   |
| Bismuth    | 209-2 | 1664733  | 1646603  | 1658983  | 1656773  | 0.56   | cps   |
| Boron      | 11-1  | 490343   | 490715   | 505656   | 495572   | 1.76   | cps   |
| Boron      | 10-1  | 107315   | 107484   | 106501   | 107100   | 0.49   | cps   |
| Cadmium    | 106-1 | 130990   | 132134   | 130878   | 131334   | 0.53   | cps   |
| Cadmium    | 108-1 | 89184    | 88610    | 88824    | 88873    | 0.33   | cps   |
| Cadmium    | 111-1 | 1263694  | 1266358  | 1274888  | 1268313  | 0.46   | cps   |
| Calcium    | 43-1  | 2246656  | 2210606  | 2219067  | 2225443  | 0.85   | cps   |
| Calcium    | 44-1  | 36121338 | 36359331 | 36413138 | 36297936 | 0.43   | cps   |
| Chromium   | 52-2  | 712893   | 707007   | 707497   | 709132   | 0.46   | cps   |
| Cobalt     | 59-2  | 1481764  | 1489148  | 1463309  | 1478074  | 0.90   | cps   |
| Copper     | 63-2  | 5195495  | 5178294  | 5200927  | 5191572  | 0.23   | cps   |
| Dysprosium | 156-1 | 133      | 117      | 200      | 150      | 29.40  | cps   |
| Dysprosium | 156-2 | 23       | 30       | 23       | 26       | 15.07  | cps   |
| Erbium     | 164-1 | 4734     | 4526     | 4768     | 4676     | 2.80   | cps   |
| Erbium     | 164-2 | 1120     | 1173     | 1203     | 1166     | 3.62   | cps   |
| Gadolinium | 160-1 | 533      | 500      | 475      | 503      | 5.82   | cps   |
| Gadolinium | 160-2 | 117      | 117      | 83       | 106      | 18.23  | cps   |
| Holmium    | 165-1 | 8188655  | 8181092  | 8100077  | 8156608  | 0.60   | cps   |
| Holmium    | 165-2 | 2256009  | 2239962  | 2242694  | 2246222  | 0.38   | cps   |
| Indium     | 115-1 | 7136583  | 7084835  | 7164094  | 7128504  | 0.56   | cps   |
| Indium     | 115-2 | 387824   | 384486   | 387152   | 386488   | 0.46   | cps   |
| Iron       | 56-2  | 22038097 | 21958896 | 22127007 | 22041334 | 0.38   | cps   |
| Iron       | 57-2  | 552489   | 550335   | 549195   | 550673   | 0.30   | cps   |
| Lead       | 206-1 | 3187594  | 3176767  | 3181253  | 3181871  | 0.17   | cps   |
| Lead       | 207-1 | 2904534  | 2919695  | 2923039  | 2915756  | 0.34   | cps   |
| Lead       | 208-1 | 12852565 | 12870096 | 12886234 | 12869632 | 0.13   | cps   |
| Lithium    | 6-1   | 1219276  | 1203050  | 1210739  | 1211022  | 0.67   | cps   |
| Magnesium  | 24-2  | 2925221  | 2875954  | 2914669  | 2905281  | 0.89   | cps   |
| Manganese  | 55-2  | 384332   | 376271   | 385342   | 381982   | 1.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AA      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:16:52 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3971027  | 3934947  | 3981340  | 3962438  | 0.61   | cps   |
| Molybdenum | 94-1  | 4653509  | 4684061  | 4764638  | 4700736  | 1.22   | cps   |
| Molybdenum | 95-1  | 2495725  | 2523975  | 2532234  | 2517311  | 0.76   | cps   |
| Molybdenum | 96-1  | 3211293  | 3240571  | 3243065  | 3231643  | 0.55   | cps   |
| Molybdenum | 97-1  | 1534351  | 1516649  | 1531258  | 1527419  | 0.62   | cps   |
| Neodymium  | 150-1 | 193      | 247      | 213      | 218      | 12.37  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 452442   | 454803   | 457717   | 454987   | 0.58   | cps   |
| Phosphorus | 31-2  | 83       | 67       | 83       | 78       | 12.37  | cps   |
| Potassium  | 39-2  | 780386   | 769589   | 775746   | 775240   | 0.70   | cps   |
| Rhodium    | 103-1 | 6859441  | 6757305  | 6845741  | 6820829  | 0.81   | cps   |
| Rhodium    | 103-2 | 2072381  | 2075991  | 2039848  | 2062740  | 0.97   | cps   |
| Scandium   | 45-1  | 4711138  | 4710315  | 4709118  | 4710191  | 0.02   | cps   |
| Scandium   | 45-2  | 45500    | 43725    | 45474    | 44899    | 2.27   | cps   |
| Selenium   | 77-2  | 633      | 567      | 590      | 597      | 5.67   | cps   |
| Selenium   | 78-2  | 2085     | 2028     | 1996     | 2037     | 2.21   | cps   |
| Selenium   | 82-1  | 81478    | 81395    | 82132    | 81668    | 0.49   | cps   |
| Silicon    | 28-1  | 23243461 | 22876651 | 23074418 | 23064843 | 0.80   | cps   |
| Silver     | 109-1 | 5769124  | 5692462  | 5770171  | 5743919  | 0.78   | cps   |
| Silver     | 107-1 | 5973931  | 5914739  | 5977551  | 5955407  | 0.59   | cps   |
| Sodium     | 23-2  | 10160750 | 10032939 | 10145330 | 10113006 | 0.69   | cps   |
| Strontium  | 86-1  | 607238   | 605688   | 605504   | 606143   | 0.16   | cps   |
| Strontium  | 88-1  | 5313381  | 5266633  | 5269480  | 5283165  | 0.50   | cps   |
| Sulfur     | 34-1  | 1028191  | 1039911  | 1027076  | 1031726  | 0.69   | cps   |
| Terbium    | 159-1 | 8644826  | 8540327  | 8495872  | 8560342  | 0.89   | cps   |
| Terbium    | 159-2 | 2174518  | 2182992  | 2191970  | 2183160  | 0.40   | cps   |
| Thallium   | 203-1 | 4053712  | 4007676  | 4024686  | 4028691  | 0.58   | cps   |
| Thallium   | 205-1 | 9473412  | 9417124  | 9402722  | 9431086  | 0.40   | cps   |
| Tin        | 118-1 | 3847598  | 3814816  | 3892900  | 3851771  | 1.02   | cps   |
| Titanium   | 47-1  | 692416   | 692713   | 699474   | 694868   | 0.57   | cps   |
| Uranium    | 238-1 | 11752156 | 11726467 | 11785395 | 11754673 | 0.25   | cps   |
| Vanadium   | 51-2  | 517833   | 515358   | 518079   | 517090   | 0.29   | cps   |
| Yttrium    | 89-1  | 7839428  | 7798418  | 7863702  | 7833849  | 0.42   | cps   |
| Yttrium    | 89-2  | 295528   | 294532   | 294559   | 294873   | 0.19   | cps   |
| Zinc       | 66-2  | 308213   | 307730   | 311547   | 309163   | 0.67   | cps   |
| Zirconium  | 90-1  | 9088282  | 9003897  | 9158706  | 9083629  | 0.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | INFANT-ROOM-AA      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:16:52 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2042248 | 2054410 | 2050259 | 2048972 | 0.30   | cps   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-02 Instrumnet Name : P8  
 Client Sample ID : 1ST-FLOOR-FOUNTAIN- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:19:50 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Antimony   | 121-1 | 6869     | 6844     | 6560     | 6758     | 2.54   | cps   |
| Arsenic    | 75-2  | 57       | 54       | 50       | 54       | 6.90   | cps   |
| Barium     | 135-1 | 153204   | 153159   | 153981   | 153448   | 0.30   | cps   |
| Barium     | 137-1 | 265978   | 270558   | 265330   | 267289   | 1.07   | cps   |
| Beryllium  | 9-1   | 328      | 289      | 333      | 317      | 7.65   | cps   |
| Bismuth    | 209-1 | 4919148  | 4882493  | 4783149  | 4861596  | 1.45   | cps   |
| Bismuth    | 209-2 | 1788903  | 1746224  | 1734794  | 1756640  | 1.62   | cps   |
| Boron      | 11-1  | 83141    | 82964    | 81080    | 82395    | 1.39   | cps   |
| Boron      | 10-1  | 17686    | 17528    | 17770    | 17661    | 0.70   | cps   |
| Cadmium    | 106-1 | 1550     | 1842     | 1817     | 1736     | 9.31   | cps   |
| Cadmium    | 108-1 | 17       | 33       | 42       | 31       | 41.66  | cps   |
| Cadmium    | 111-1 | 1328     | 1466     | 1484     | 1426     | 6.01   | cps   |
| Calcium    | 43-1  | 984083   | 981621   | 968595   | 978100   | 0.85   | cps   |
| Calcium    | 44-1  | 16190313 | 16051623 | 15973700 | 16071879 | 0.68   | cps   |
| Chromium   | 52-2  | 1133     | 1110     | 1123     | 1122     | 1.04   | cps   |
| Cobalt     | 59-2  | 583      | 570      | 540      | 564      | 3.93   | cps   |
| Copper     | 63-2  | 2962092  | 2969376  | 2972820  | 2968096  | 0.18   | cps   |
| Dysprosium | 156-1 | 42       | 42       | 42       | 42       | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 83       | 83       | 92       | 86       | 5.58   | cps   |
| Gadolinium | 160-2 | 23       | 20       | 10       | 18       | 39.03  | cps   |
| Holmium    | 165-1 | 8236133  | 8131737  | 8067904  | 8145258  | 1.04   | cps   |
| Holmium    | 165-2 | 2301312  | 2269464  | 2236808  | 2269194  | 1.42   | cps   |
| Indium     | 115-1 | 7284509  | 7396147  | 7237111  | 7305922  | 1.12   | cps   |
| Indium     | 115-2 | 402642   | 405267   | 402460   | 403456   | 0.39   | cps   |
| Iron       | 56-2  | 27077    | 26793    | 26821    | 26897    | 0.58   | cps   |
| Iron       | 57-2  | 683      | 767      | 706      | 719      | 6.01   | cps   |
| Lead       | 206-1 | 1834     | 1750     | 1722     | 1769     | 3.27   | cps   |
| Lead       | 207-1 | 1650     | 1517     | 1717     | 1628     | 6.26   | cps   |
| Lead       | 208-1 | 7184     | 7040     | 6823     | 7016     | 2.59   | cps   |
| Lithium    | 6-1   | 1207467  | 1240226  | 1218172  | 1221955  | 1.37   | cps   |
| Magnesium  | 24-2  | 492635   | 489942   | 480086   | 487554   | 1.36   | cps   |
| Manganese  | 55-2  | 10377    | 10557    | 10634    | 10523    | 1.25   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-02 Instrumnet Name : P8  
 Client Sample ID : 1ST-FLOOR-FOUNTAIN- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:19:50 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 12690    | 12198    | 11806    | 12231    | 3.62    | cps   |
| Molybdenum | 94-1  | 4809     | 4768     | 4359     | 4645     | 5.35    | cps   |
| Molybdenum | 95-1  | 8044     | 7477     | 7719     | 7747     | 3.67    | cps   |
| Molybdenum | 96-1  | 8411     | 8103     | 8220     | 8245     | 1.89    | cps   |
| Molybdenum | 97-1  | 4784     | 4826     | 4368     | 4659     | 5.44    | cps   |
| Neodymium  | 150-1 | 7        | 20       | 20       | 16       | 49.47   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 20749    | 21357    | 21156    | 21087    | 1.47    | cps   |
| Phosphorus | 31-2  | 75       | 117      | 150      | 114      | 33.00   | cps   |
| Potassium  | 39-2  | 79348    | 82929    | 79190    | 80489    | 2.63    | cps   |
| Rhodium    | 103-1 | 6881206  | 6979136  | 6904692  | 6921678  | 0.74    | cps   |
| Rhodium    | 103-2 | 2130322  | 2139550  | 2130946  | 2133606  | 0.24    | cps   |
| Scandium   | 45-1  | 4734537  | 4696753  | 4666658  | 4699316  | 0.72    | cps   |
| Scandium   | 45-2  | 44668    | 45547    | 45470    | 45228    | 1.08    | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 4        | 6        | 6        | 5        | 21.74   | cps   |
| Selenium   | 82-1  | 40       | 33       | -110     | -12      | -699.22 | cps   |
| Silicon    | 28-1  | 21565651 | 21438186 | 21316899 | 21440245 | 0.58    | cps   |
| Silver     | 109-1 | 3234     | 3459     | 3442     | 3378     | 3.71    | cps   |
| Silver     | 107-1 | 3059     | 3609     | 3559     | 3409     | 8.92    | cps   |
| Sodium     | 23-2  | 4222408  | 4231685  | 4191090  | 4215061  | 0.50    | cps   |
| Strontium  | 86-1  | 720095   | 714244   | 714501   | 716280   | 0.46    | cps   |
| Strontium  | 88-1  | 6296422  | 6345641  | 6272165  | 6304743  | 0.59    | cps   |
| Sulfur     | 34-1  | 1125565  | 1118950  | 1113075  | 1119197  | 0.56    | cps   |
| Terbium    | 159-1 | 8680899  | 8513087  | 8524868  | 8572951  | 1.09    | cps   |
| Terbium    | 159-2 | 2217443  | 2225577  | 2196079  | 2213033  | 0.69    | cps   |
| Thallium   | 203-1 | 392      | 367      | 317      | 358      | 10.66   | cps   |
| Thallium   | 205-1 | 850      | 733      | 683      | 756      | 11.32   | cps   |
| Tin        | 118-1 | 88114    | 90379    | 87587    | 88693    | 1.67    | cps   |
| Titanium   | 47-1  | 300      | 600      | 392      | 431      | 35.71   | cps   |
| Uranium    | 238-1 | 2567     | 2525     | 2534     | 2542     | 0.87    | cps   |
| Vanadium   | 51-2  | 663      | 703      | 707      | 691      | 3.49    | cps   |
| Yttrium    | 89-1  | 7932702  | 7918270  | 7754889  | 7868620  | 1.26    | cps   |
| Yttrium    | 89-2  | 300284   | 300549   | 301709   | 300847   | 0.25    | cps   |
| Zinc       | 66-2  | 61492    | 62541    | 61844    | 61959    | 0.86    | cps   |
| Zirconium  | 90-1  | 1133     | 1358     | 1275     | 1256     | 9.06    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | 1ST-FLOOR-FOUNTAIN- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:19:50 | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 317  | 233  | 292     | 17.38  | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-03 Instrumnet Name : P8  
 Client Sample ID : WADDLERS-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:22:56 DataFile Name : 045SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 58       | 133      | 81       | 56.97  | cps   |
| Antimony   | 121-1 | 5059     | 4884     | 4809     | 4918     | 2.61   | cps   |
| Arsenic    | 75-2  | 67       | 35       | 50       | 51       | 31.11  | cps   |
| Barium     | 135-1 | 144733   | 145524   | 142467   | 144242   | 1.10   | cps   |
| Barium     | 137-1 | 253463   | 251113   | 252022   | 252199   | 0.47   | cps   |
| Beryllium  | 9-1   | 222      | 211      | 206      | 213      | 3.99   | cps   |
| Bismuth    | 209-1 | 4713625  | 4500540  | 4756350  | 4656838  | 2.94   | cps   |
| Bismuth    | 209-2 | 1695583  | 1788892  | 1702491  | 1728989  | 3.01   | cps   |
| Boron      | 11-1  | 85647    | 86200    | 86016    | 85955    | 0.33   | cps   |
| Boron      | 10-1  | 18137    | 18654    | 18646    | 18479    | 1.60   | cps   |
| Cadmium    | 106-1 | 1609     | 1467     | 1792     | 1622     | 10.05  | cps   |
| Cadmium    | 108-1 | 42       | 33       | 21       | 32       | 32.84  | cps   |
| Cadmium    | 111-1 | 1213     | 1149     | 1390     | 1251     | 9.95   | cps   |
| Calcium    | 43-1  | 1083273  | 1075021  | 1063558  | 1073951  | 0.92   | cps   |
| Calcium    | 44-1  | 17813638 | 17711998 | 17523186 | 17682941 | 0.83   | cps   |
| Chromium   | 52-2  | 1317     | 1180     | 1437     | 1311     | 9.80   | cps   |
| Cobalt     | 59-2  | 367      | 360      | 340      | 356      | 3.90   | cps   |
| Copper     | 63-2  | 2625511  | 2587341  | 2573574  | 2595475  | 1.04   | cps   |
| Dysprosium | 156-1 | 42       | 25       | 58       | 42       | 40.00  | cps   |
| Dysprosium | 156-2 | 17       | 13       | 17       | 16       | 12.40  | cps   |
| Erbium     | 164-1 | 58       | 50       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 50       | 75       | 58       | 61       | 20.83  | cps   |
| Gadolinium | 160-2 | 20       | 27       | 20       | 22       | 17.33  | cps   |
| Holmium    | 165-1 | 8021833  | 7512586  | 8052699  | 7862373  | 3.86   | cps   |
| Holmium    | 165-2 | 2283211  | 2271932  | 2280735  | 2278626  | 0.26   | cps   |
| Indium     | 115-1 | 7298025  | 6864979  | 7249007  | 7137337  | 3.32   | cps   |
| Indium     | 115-2 | 404219   | 406203   | 407280   | 405901   | 0.38   | cps   |
| Iron       | 56-2  | 42047    | 40414    | 41334    | 41265    | 1.98   | cps   |
| Iron       | 57-2  | 1150     | 1083     | 1022     | 1085     | 5.89   | cps   |
| Lead       | 206-1 | 8603     | 8670     | 8270     | 8514     | 2.52   | cps   |
| Lead       | 207-1 | 7152     | 6969     | 6841     | 6987     | 2.24   | cps   |
| Lead       | 208-1 | 33290    | 33207    | 32445    | 32981    | 1.41   | cps   |
| Lithium    | 6-1   | 1234509  | 1139244  | 1220472  | 1198075  | 4.29   | cps   |
| Magnesium  | 24-2  | 477666   | 472104   | 473828   | 474533   | 0.60   | cps   |
| Manganese  | 55-2  | 6418     | 6372     | 6332     | 6374     | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | WADDLERS-A          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:22:56 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 13174    | 13783    | 13466    | 13474    | 2.26   | cps   |
| Molybdenum | 94-1  | 5468     | 5285     | 5360     | 5371     | 1.72   | cps   |
| Molybdenum | 95-1  | 8637     | 8695     | 9095     | 8809     | 2.83   | cps   |
| Molybdenum | 96-1  | 9045     | 8578     | 9145     | 8923     | 3.39   | cps   |
| Molybdenum | 97-1  | 5268     | 5393     | 5751     | 5471     | 4.59   | cps   |
| Neodymium  | 150-1 | 13       | 27       | 33       | 24       | 41.68  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 21457    | 20215    | 20412    | 20695    | 3.22   | cps   |
| Phosphorus | 31-2  | 183      | 125      | 133      | 147      | 21.43  | cps   |
| Potassium  | 39-2  | 77003    | 73953    | 75905    | 75620    | 2.04   | cps   |
| Rhodium    | 103-1 | 6923692  | 6466464  | 6906246  | 6765467  | 3.83   | cps   |
| Rhodium    | 103-2 | 2157150  | 2126028  | 2146495  | 2143224  | 0.74   | cps   |
| Scandium   | 45-1  | 4832756  | 4423236  | 4735657  | 4663883  | 4.59   | cps   |
| Scandium   | 45-2  | 45286    | 45182    | 44648    | 45039    | 0.76   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 7        | 6        | 2        | 5        | 57.32  | cps   |
| Selenium   | 82-1  | 30       | 19       | 3        | 17       | 81.07  | cps   |
| Silicon    | 28-1  | 21865621 | 21754700 | 21753669 | 21791330 | 0.30   | cps   |
| Silver     | 109-1 | 3092     | 2642     | 2742     | 2825     | 8.37   | cps   |
| Silver     | 107-1 | 2942     | 3092     | 2909     | 2981     | 3.28   | cps   |
| Sodium     | 23-2  | 4166113  | 4129027  | 4135075  | 4143405  | 0.48   | cps   |
| Strontium  | 86-1  | 853528   | 854671   | 840266   | 849488   | 0.94   | cps   |
| Strontium  | 88-1  | 7458172  | 7394678  | 7387256  | 7413369  | 0.53   | cps   |
| Sulfur     | 34-1  | 1226728  | 1229047  | 1227448  | 1227741  | 0.10   | cps   |
| Terbium    | 159-1 | 8340769  | 7978146  | 8390148  | 8236354  | 2.73   | cps   |
| Terbium    | 159-2 | 2209323  | 2174790  | 2200348  | 2194820  | 0.82   | cps   |
| Thallium   | 203-1 | 183      | 158      | 117      | 153      | 22.04  | cps   |
| Thallium   | 205-1 | 275      | 317      | 333      | 308      | 9.75   | cps   |
| Tin        | 118-1 | 13875    | 13632    | 13366    | 13624    | 1.87   | cps   |
| Titanium   | 47-1  | 525      | 383      | 467      | 458      | 15.53  | cps   |
| Uranium    | 238-1 | 3426     | 3117     | 3301     | 3281     | 4.73   | cps   |
| Vanadium   | 51-2  | 797      | 863      | 770      | 810      | 5.94   | cps   |
| Yttrium    | 89-1  | 7869496  | 7505157  | 7882731  | 7752461  | 2.76   | cps   |
| Yttrium    | 89-2  | 302821   | 301818   | 303654   | 302764   | 0.30   | cps   |
| Zinc       | 66-2  | 29037    | 28904    | 28590    | 28844    | 0.80   | cps   |
| Zirconium  | 90-1  | 958      | 1058     | 1000     | 1006     | 5.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | WADDLERS-A          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:22:56 | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 225  | 208  | 244     | 19.98  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV029              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV029              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 15:26:02 | DataFile Name :   | 046CCV.d |

| Parameter  | Mass  | CPS1      | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|-----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 442645    | 443339   | 441377   | 442454   | 0.22   | cps   |
| Antimony   | 121-1 | 4990610   | 4994018  | 5065054  | 5016561  | 0.84   | cps   |
| Arsenic    | 75-2  | 71201     | 71711    | 71874    | 71595    | 0.49   | cps   |
| Barium     | 135-1 | 5362223   | 5363245  | 5452635  | 5392701  | 0.96   | cps   |
| Barium     | 137-1 | 9105067   | 9221317  | 9234666  | 9187017  | 0.78   | cps   |
| Beryllium  | 9-1   | 764339    | 771847   | 773051   | 769746   | 0.61   | cps   |
| Bismuth    | 209-1 | 4529178   | 4604938  | 4514124  | 4549414  | 1.07   | cps   |
| Bismuth    | 209-2 | 1574583   | 1576751  | 1584185  | 1578507  | 0.32   | cps   |
| Boron      | 11-1  | 426260    | 432637   | 441391   | 433429   | 1.75   | cps   |
| Boron      | 10-1  | 91239     | 92605    | 94350    | 92732    | 1.68   | cps   |
| Cadmium    | 106-1 | 115382    | 115323   | 114997   | 115234   | 0.18   | cps   |
| Cadmium    | 108-1 | 77002     | 77341    | 77593    | 77312    | 0.38   | cps   |
| Cadmium    | 111-1 | 1090373   | 1093715  | 1103174  | 1095754  | 0.61   | cps   |
| Calcium    | 43-1  | 5984119   | 6016059  | 6004043  | 6001407  | 0.27   | cps   |
| Calcium    | 44-1  | 98077923  | 98241646 | 97988354 | 98102641 | 0.13   | cps   |
| Chromium   | 52-2  | 613881    | 611185   | 611077   | 612048   | 0.26   | cps   |
| Cobalt     | 59-2  | 1258344   | 1254658  | 1253329  | 1255444  | 0.21   | cps   |
| Copper     | 63-2  | 2159221   | 2181928  | 2162715  | 2167955  | 0.56   | cps   |
| Dysprosium | 156-1 | 225       | 250      | 183      | 219      | 15.35  | cps   |
| Dysprosium | 156-2 | 33        | 30       | 40       | 34       | 14.78  | cps   |
| Erbium     | 164-1 | 92        | 125      | 83       | 100      | 22.05  | cps   |
| Erbium     | 164-2 | 3         | 20       | 30       | 18       | 75.79  | cps   |
| Gadolinium | 160-1 | 217       | 208      | 167      | 197      | 13.58  | cps   |
| Gadolinium | 160-2 | 47        | 70       | 40       | 52       | 30.16  | cps   |
| Holmium    | 165-1 | 7852933   | 7852274  | 7915292  | 7873499  | 0.46   | cps   |
| Holmium    | 165-2 | 2187855   | 2191273  | 2187842  | 2188990  | 0.09   | cps   |
| Indium     | 115-1 | 6702275   | 6646406  | 6683853  | 6677511  | 0.43   | cps   |
| Indium     | 115-2 | 365661    | 366608   | 368533   | 366934   | 0.40   | cps   |
| Iron       | 56-2  | 100194536 | 99537474 | 99455402 | 99729137 | 0.41   | cps   |
| Iron       | 57-2  | 2556974   | 2573575  | 2545330  | 2558627  | 0.55   | cps   |
| Lead       | 206-1 | 2795635   | 2838580  | 2845697  | 2826637  | 0.96   | cps   |
| Lead       | 207-1 | 2607480   | 2626453  | 2622558  | 2618830  | 0.38   | cps   |
| Lead       | 208-1 | 11443031  | 11555706 | 11578005 | 11525581 | 0.63   | cps   |
| Lithium    | 6-1   | 1134166   | 1148102  | 1140454  | 1140908  | 0.61   | cps   |
| Magnesium  | 24-2  | 10617843  | 10586539 | 10599530 | 10601304 | 0.15   | cps   |
| Manganese  | 55-2  | 347404    | 345931   | 345082   | 346139   | 0.34   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV029              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV029              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 15:26:02 | DataFile Name :   | 046CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3761768  | 3704149  | 3737541  | 3734486  | 0.77   | cps   |
| Molybdenum | 94-1  | 4300245  | 4348560  | 4312880  | 4320562  | 0.58   | cps   |
| Molybdenum | 95-1  | 2397334  | 2371120  | 2365288  | 2377914  | 0.72   | cps   |
| Molybdenum | 96-1  | 3031114  | 3028992  | 2994854  | 3018320  | 0.67   | cps   |
| Molybdenum | 97-1  | 1432386  | 1436589  | 1432816  | 1433930  | 0.16   | cps   |
| Neodymium  | 150-1 | 300      | 387      | 353      | 347      | 12.61  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 33       | 29       | 17.63  | cps   |
| Nickel     | 60-2  | 361256   | 358353   | 361225   | 360278   | 0.46   | cps   |
| Phosphorus | 31-2  | 6585     | 6568     | 6293     | 6482     | 2.53   | cps   |
| Potassium  | 39-2  | 3271163  | 3276375  | 3307154  | 3284897  | 0.59   | cps   |
| Rhodium    | 103-1 | 6320871  | 6277467  | 6335687  | 6311342  | 0.48   | cps   |
| Rhodium    | 103-2 | 1924073  | 1927793  | 1903668  | 1918511  | 0.68   | cps   |
| Scandium   | 45-1  | 4404310  | 4397291  | 4360916  | 4387506  | 0.53   | cps   |
| Scandium   | 45-2  | 42625    | 42698    | 42605    | 42642    | 0.12   | cps   |
| Selenium   | 77-2  | 530      | 467      | 527      | 508      | 7.02   | cps   |
| Selenium   | 78-2  | 1708     | 1846     | 1863     | 1806     | 4.73   | cps   |
| Selenium   | 82-1  | 69093    | 69249    | 69776    | 69373    | 0.52   | cps   |
| Silicon    | 28-1  | 2664944  | 2666055  | 2726692  | 2685897  | 1.32   | cps   |
| Silver     | 109-1 | 5250591  | 5241403  | 5291702  | 5261232  | 0.51   | cps   |
| Silver     | 107-1 | 5442279  | 5443693  | 5572243  | 5486072  | 1.36   | cps   |
| Sodium     | 23-2  | 25984834 | 25867146 | 25810071 | 25887350 | 0.34   | cps   |
| Strontium  | 86-1  | 1522470  | 1537884  | 1545651  | 1535335  | 0.77   | cps   |
| Strontium  | 88-1  | 13064881 | 12978795 | 13109129 | 13050935 | 0.51   | cps   |
| Sulfur     | 34-1  | 781804   | 780564   | 790214   | 784194   | 0.67   | cps   |
| Terbium    | 159-1 | 8292958  | 8208047  | 8244153  | 8248386  | 0.52   | cps   |
| Terbium    | 159-2 | 2131453  | 2090015  | 2108784  | 2110084  | 0.98   | cps   |
| Thallium   | 203-1 | 3516170  | 3528682  | 3545231  | 3530028  | 0.41   | cps   |
| Thallium   | 205-1 | 8160687  | 8168703  | 8237434  | 8188941  | 0.52   | cps   |
| Tin        | 118-1 | 3620340  | 3561665  | 3576328  | 3586111  | 0.85   | cps   |
| Titanium   | 47-1  | 650476   | 654102   | 651007   | 651862   | 0.30   | cps   |
| Uranium    | 238-1 | 10964739 | 10870880 | 10932981 | 10922867 | 0.44   | cps   |
| Vanadium   | 51-2  | 458071   | 456855   | 457665   | 457530   | 0.14   | cps   |
| Yttrium    | 89-1  | 7387393  | 7427461  | 7429843  | 7414899  | 0.32   | cps   |
| Yttrium    | 89-2  | 283365   | 282762   | 284238   | 283455   | 0.26   | cps   |
| Zinc       | 66-2  | 197108   | 198444   | 197366   | 197640   | 0.36   | cps   |
| Zirconium  | 90-1  | 8153322  | 8243143  | 8142314  | 8179593  | 0.68   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV029              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV029              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 15:26:02 | DataFile Name :   | 046CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1866833 | 1871246 | 1865168 | 1867749 | 0.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB029              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB029              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:28:59 | DataFile Name :   | 047CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 25      | 33      | 22      | 57.30  | cps   |
| Antimony   | 121-1 | 2517    | 2600    | 2509    | 2542    | 1.99   | cps   |
| Arsenic    | 75-2  | 7       | 9       | 7       | 8       | 13.31  | cps   |
| Barium     | 135-1 | 50      | 67      | 33      | 50      | 33.34  | cps   |
| Barium     | 137-1 | 92      | 50      | 117     | 86      | 39.11  | cps   |
| Beryllium  | 9-1   | 394     | 367     | 317     | 359     | 10.97  | cps   |
| Bismuth    | 209-1 | 4652848 | 4662060 | 4559274 | 4624727 | 1.23   | cps   |
| Bismuth    | 209-2 | 1669619 | 1657157 | 1662693 | 1663156 | 0.38   | cps   |
| Boron      | 11-1  | 18763   | 16627   | 16043   | 17144   | 8.35   | cps   |
| Boron      | 10-1  | 4126    | 3901    | 3692    | 3906    | 5.55   | cps   |
| Cadmium    | 106-1 | 1684    | 1625    | 1750    | 1686    | 3.71   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 25      | 17      | 43.30  | cps   |
| Cadmium    | 111-1 | 1245    | 1200    | 1278    | 1241    | 3.18   | cps   |
| Calcium    | 43-1  | 2409    | 2250    | 2050    | 2236    | 8.03   | cps   |
| Calcium    | 44-1  | 53394   | 51479   | 51622   | 52165   | 2.05   | cps   |
| Chromium   | 52-2  | 993     | 1060    | 1057    | 1037    | 3.62   | cps   |
| Cobalt     | 59-2  | 23      | 77      | 43      | 48      | 56.40  | cps   |
| Copper     | 63-2  | 653     | 777     | 647     | 692     | 10.58  | cps   |
| Dysprosium | 156-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 33      | 42      | 31      | 41.66  | cps   |
| Erbium     | 164-2 | 13      | 13      | 3       | 10      | 57.75  | cps   |
| Gadolinium | 160-1 | 100     | 42      | 33      | 58      | 62.27  | cps   |
| Gadolinium | 160-2 | 17      | 10      | 10      | 12      | 31.50  | cps   |
| Holmium    | 165-1 | 7708431 | 7691708 | 7610179 | 7670106 | 0.69   | cps   |
| Holmium    | 165-2 | 2210185 | 2169985 | 2155892 | 2178687 | 1.29   | cps   |
| Indium     | 115-1 | 6934992 | 6900351 | 6749901 | 6861748 | 1.43   | cps   |
| Indium     | 115-2 | 394442  | 391747  | 385899  | 390696  | 1.12   | cps   |
| Iron       | 56-2  | 3028    | 2923    | 3112    | 3021    | 3.13   | cps   |
| Iron       | 57-2  | 100     | 67      | 94      | 87      | 20.52  | cps   |
| Lead       | 206-1 | 606     | 572     | 689     | 622     | 9.66   | cps   |
| Lead       | 207-1 | 750     | 567     | 544     | 620     | 18.18  | cps   |
| Lead       | 208-1 | 2650    | 2578    | 2428    | 2552    | 4.44   | cps   |
| Lithium    | 6-1   | 1149573 | 1156962 | 1126478 | 1144338 | 1.39   | cps   |
| Magnesium  | 24-2  | 233     | 150     | 200     | 194     | 21.57  | cps   |
| Manganese  | 55-2  | 63      | 57      | 43      | 54      | 18.71  | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB029 Instrumnet Name : P8  
 Client Sample ID : CCB029 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:28:59 DataFile Name : 047CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 575     | 533     | 467     | 525     | 10.41   | cps   |
| Molybdenum | 94-1  | 717     | 592     | 483     | 597     | 19.55   | cps   |
| Molybdenum | 95-1  | 417     | 375     | 267     | 353     | 21.95   | cps   |
| Molybdenum | 96-1  | 600     | 433     | 425     | 486     | 20.31   | cps   |
| Molybdenum | 97-1  | 300     | 333     | 208     | 281     | 23.07   | cps   |
| Neodymium  | 150-1 | 20      | 7       | 13      | 13      | 49.99   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 137     | 133     | 203     | 158     | 25.03   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 17      | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 3834    | 3484    | 3984    | 3767    | 6.81    | cps   |
| Rhodium    | 103-1 | 6633696 | 6682275 | 6567755 | 6627909 | 0.87    | cps   |
| Rhodium    | 103-2 | 2103591 | 2042290 | 2080649 | 2075510 | 1.49    | cps   |
| Scandium   | 45-1  | 4422913 | 4420375 | 4296856 | 4380048 | 1.65    | cps   |
| Scandium   | 45-2  | 42681   | 42631   | 41909   | 42407   | 1.02    | cps   |
| Selenium   | 77-2  | 7       | 3       | 0       | 3       | 100.05  | cps   |
| Selenium   | 78-2  | 11      | 2       | 2       | 5       | 108.30  | cps   |
| Selenium   | 82-1  | -93     | -57     | 46      | -35     | -208.54 | cps   |
| Silicon    | 28-1  | 422154  | 422179  | 418395  | 420909  | 0.52    | cps   |
| Silver     | 109-1 | 683     | 683     | 775     | 714     | 7.41    | cps   |
| Silver     | 107-1 | 650     | 667     | 800     | 706     | 11.65   | cps   |
| Sodium     | 23-2  | 11438   | 10855   | 10955   | 11083   | 2.82    | cps   |
| Strontium  | 86-1  | 817     | 925     | 700     | 814     | 13.83   | cps   |
| Strontium  | 88-1  | 267     | 317     | 317     | 300     | 9.62    | cps   |
| Sulfur     | 34-1  | 390995  | 392345  | 387297  | 390213  | 0.67    | cps   |
| Terbium    | 159-1 | 8026940 | 8072366 | 7979052 | 8026119 | 0.58    | cps   |
| Terbium    | 159-2 | 2121090 | 2105712 | 2118611 | 2115138 | 0.39    | cps   |
| Thallium   | 203-1 | 417     | 425     | 392     | 411     | 4.22    | cps   |
| Thallium   | 205-1 | 1033    | 883     | 892     | 936     | 9.01    | cps   |
| Tin        | 118-1 | 2000    | 1700    | 1909    | 1870    | 8.22    | cps   |
| Titanium   | 47-1  | 108     | 208     | 200     | 172     | 32.22   | cps   |
| Uranium    | 238-1 | 125     | 108     | 67      | 100     | 30.05   | cps   |
| Vanadium   | 51-2  | 30      | 20      | 13      | 21      | 39.75   | cps   |
| Yttrium    | 89-1  | 7437559 | 7426177 | 7235482 | 7366406 | 1.54    | cps   |
| Yttrium    | 89-2  | 287765  | 287541  | 287922  | 287743  | 0.07    | cps   |
| Zinc       | 66-2  | 50      | 83      | 93      | 76      | 30.03   | cps   |
| Zirconium  | 90-1  | 1000    | 1392    | 1100    | 1164    | 17.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB029              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB029              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:28:59 | DataFile Name :   | 047CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 250  | 308  | 275     | 10.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | LOUNGE-A            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:32:08 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 92       | 25       | 64       | 54.31  | cps   |
| Antimony   | 121-1 | 6502     | 6735     | 7094     | 6777     | 4.40   | cps   |
| Arsenic    | 75-2  | 46       | 50       | 48       | 48       | 3.84   | cps   |
| Barium     | 135-1 | 148154   | 149080   | 144573   | 147269   | 1.62   | cps   |
| Barium     | 137-1 | 253778   | 254390   | 253778   | 253982   | 0.14   | cps   |
| Beryllium  | 9-1   | 189      | 228      | 189      | 202      | 11.12  | cps   |
| Bismuth    | 209-1 | 4718464  | 4631450  | 4654318  | 4668077  | 0.97   | cps   |
| Bismuth    | 209-2 | 1705134  | 1726201  | 1739490  | 1723608  | 1.01   | cps   |
| Boron      | 11-1  | 83309    | 82227    | 83158    | 82898    | 0.71   | cps   |
| Boron      | 10-1  | 17428    | 17311    | 18721    | 17820    | 4.39   | cps   |
| Cadmium    | 106-1 | 1717     | 1850     | 1659     | 1742     | 5.64   | cps   |
| Cadmium    | 108-1 | 17       | 46       | 8        | 24       | 83.40  | cps   |
| Cadmium    | 111-1 | 1369     | 1401     | 1288     | 1353     | 4.28   | cps   |
| Calcium    | 43-1  | 1093910  | 1092237  | 1086640  | 1090929  | 0.35   | cps   |
| Calcium    | 44-1  | 17830681 | 17979502 | 17959394 | 17923192 | 0.45   | cps   |
| Chromium   | 52-2  | 1657     | 1630     | 1493     | 1593     | 5.50   | cps   |
| Cobalt     | 59-2  | 413      | 393      | 353      | 387      | 7.90   | cps   |
| Copper     | 63-2  | 2453916  | 2511066  | 2493375  | 2486119  | 1.18   | cps   |
| Dysprosium | 156-1 | 50       | 8        | 17       | 25       | 88.19  | cps   |
| Dysprosium | 156-2 | 17       | 7        | 13       | 12       | 41.65  | cps   |
| Erbium     | 164-1 | 33       | 25       | 33       | 31       | 15.74  | cps   |
| Erbium     | 164-2 | 3        | 13       | 13       | 10       | 57.75  | cps   |
| Gadolinium | 160-1 | 150      | 83       | 42       | 92       | 59.61  | cps   |
| Gadolinium | 160-2 | 10       | 27       | 13       | 17       | 52.93  | cps   |
| Holmium    | 165-1 | 8031440  | 7993011  | 7882101  | 7968851  | 0.97   | cps   |
| Holmium    | 165-2 | 2304058  | 2305484  | 2303795  | 2304446  | 0.04   | cps   |
| Indium     | 115-1 | 7246969  | 7249042  | 7118858  | 7204957  | 1.03   | cps   |
| Indium     | 115-2 | 410736   | 413055   | 409969   | 411253   | 0.39   | cps   |
| Iron       | 56-2  | 40955    | 41936    | 40766    | 41219    | 1.52   | cps   |
| Iron       | 57-2  | 1056     | 1145     | 1056     | 1085     | 4.73   | cps   |
| Lead       | 206-1 | 1233     | 1067     | 1045     | 1115     | 9.26   | cps   |
| Lead       | 207-1 | 1106     | 928      | 972      | 1002     | 9.24   | cps   |
| Lead       | 208-1 | 4617     | 4245     | 4478     | 4447     | 4.23   | cps   |
| Lithium    | 6-1   | 1230578  | 1219878  | 1199433  | 1216630  | 1.30   | cps   |
| Magnesium  | 24-2  | 486274   | 488530   | 489916   | 488240   | 0.38   | cps   |
| Manganese  | 55-2  | 7132     | 7269     | 7025     | 7142     | 1.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | LOUNGE-A            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:32:08 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 14216    | 13249    | 13749    | 13738    | 3.52   | cps   |
| Molybdenum | 94-1  | 5268     | 5510     | 4993     | 5257     | 4.92   | cps   |
| Molybdenum | 95-1  | 8795     | 8303     | 8828     | 8642     | 3.40   | cps   |
| Molybdenum | 96-1  | 9087     | 8937     | 9495     | 9173     | 3.15   | cps   |
| Molybdenum | 97-1  | 5285     | 5810     | 5776     | 5624     | 5.23   | cps   |
| Neodymium  | 150-1 | 20       | 13       | 33       | 22       | 45.83  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 32635    | 32705    | 32705    | 32682    | 0.12   | cps   |
| Phosphorus | 31-2  | 100      | 175      | 192      | 156      | 31.39  | cps   |
| Potassium  | 39-2  | 77573    | 76752    | 78201    | 77509    | 0.94   | cps   |
| Rhodium    | 103-1 | 6942420  | 6922606  | 6789764  | 6884930  | 1.21   | cps   |
| Rhodium    | 103-2 | 2154576  | 2153085  | 2126006  | 2144556  | 0.75   | cps   |
| Scandium   | 45-1  | 4724021  | 4699571  | 4724870  | 4716154  | 0.30   | cps   |
| Scandium   | 45-2  | 46005    | 45671    | 46156    | 45944    | 0.54   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 7        | 4        | 5        | 43.39  | cps   |
| Selenium   | 82-1  | 25       | 8        | -8       | 8        | 203.63 | cps   |
| Silicon    | 28-1  | 22304973 | 22301548 | 22172264 | 22259595 | 0.34   | cps   |
| Silver     | 109-1 | 4084     | 3551     | 3659     | 3765     | 7.49   | cps   |
| Silver     | 107-1 | 3976     | 4076     | 4001     | 4017     | 1.30   | cps   |
| Sodium     | 23-2  | 4207275  | 4247238  | 4266998  | 4240504  | 0.72   | cps   |
| Strontium  | 86-1  | 876758   | 865930   | 874195   | 872295   | 0.65   | cps   |
| Strontium  | 88-1  | 7611195  | 7641485  | 7622426  | 7625035  | 0.20   | cps   |
| Sulfur     | 34-1  | 1278182  | 1277362  | 1282733  | 1279426  | 0.23   | cps   |
| Terbium    | 159-1 | 8414727  | 8359496  | 8275578  | 8349934  | 0.84   | cps   |
| Terbium    | 159-2 | 2213661  | 2224336  | 2227339  | 2221779  | 0.32   | cps   |
| Thallium   | 203-1 | 592      | 433      | 417      | 481      | 20.10  | cps   |
| Thallium   | 205-1 | 1442     | 1058     | 917      | 1139     | 23.85  | cps   |
| Tin        | 118-1 | 2959     | 3050     | 2934     | 2981     | 2.06   | cps   |
| Titanium   | 47-1  | 350      | 483      | 492      | 442      | 18.00  | cps   |
| Uranium    | 238-1 | 3276     | 3334     | 3134     | 3248     | 3.17   | cps   |
| Vanadium   | 51-2  | 913      | 867      | 860      | 880      | 3.30   | cps   |
| Yttrium    | 89-1  | 7985142  | 7963466  | 7864496  | 7937701  | 0.81   | cps   |
| Yttrium    | 89-2  | 306608   | 306945   | 305844   | 306466   | 0.18   | cps   |
| Zinc       | 66-2  | 20495    | 20372    | 20535    | 20467    | 0.42   | cps   |
| Zirconium  | 90-1  | 1283     | 1342     | 1233     | 1286     | 4.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | LOUNGE-A            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:32:08 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 233  | 200  | 206     | 12.39  | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-05 Instrumnet Name : P8  
 Client Sample ID : TODDLERS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:35:15 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 108      | 50       | 97       | 43.99  | cps   |
| Antimony   | 121-1 | 5618     | 5368     | 5918     | 5635     | 4.89   | cps   |
| Arsenic    | 75-2  | 50       | 46       | 72       | 56       | 24.96  | cps   |
| Barium     | 135-1 | 147850   | 148315   | 145777   | 147314   | 0.92   | cps   |
| Barium     | 137-1 | 258696   | 257259   | 256749   | 257568   | 0.39   | cps   |
| Beryllium  | 9-1   | 156      | 244      | 228      | 209      | 22.58  | cps   |
| Bismuth    | 209-1 | 4728213  | 4699097  | 4657854  | 4695055  | 0.75   | cps   |
| Bismuth    | 209-2 | 1743810  | 1755736  | 1743859  | 1747802  | 0.39   | cps   |
| Boron      | 11-1  | 70247    | 71897    | 71403    | 71183    | 1.19   | cps   |
| Boron      | 10-1  | 15325    | 15092    | 15242    | 15220    | 0.78   | cps   |
| Cadmium    | 106-1 | 1483     | 1650     | 1692     | 1609     | 6.86   | cps   |
| Cadmium    | 108-1 | 33       | 21       | 29       | 28       | 22.92  | cps   |
| Cadmium    | 111-1 | 1107     | 1232     | 1276     | 1205     | 7.30   | cps   |
| Calcium    | 43-1  | 1074247  | 1069048  | 1064073  | 1069123  | 0.48   | cps   |
| Calcium    | 44-1  | 17682672 | 17504169 | 17504364 | 17563735 | 0.59   | cps   |
| Chromium   | 52-2  | 1107     | 1180     | 1127     | 1138     | 3.33   | cps   |
| Cobalt     | 59-2  | 323      | 313      | 267      | 301      | 10.05  | cps   |
| Copper     | 63-2  | 487375   | 488809   | 482818   | 486334   | 0.64   | cps   |
| Dysprosium | 156-1 | 58       | 50       | 50       | 53       | 9.12   | cps   |
| Dysprosium | 156-2 | 17       | 3        | 13       | 11       | 62.48  | cps   |
| Erbium     | 164-1 | 75       | 58       | 25       | 53       | 48.24  | cps   |
| Erbium     | 164-2 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Gadolinium | 160-1 | 67       | 100      | 117      | 94       | 26.96  | cps   |
| Gadolinium | 160-2 | 23       | 37       | 23       | 28       | 27.73  | cps   |
| Holmium    | 165-1 | 8003333  | 7878728  | 7984755  | 7955605  | 0.84   | cps   |
| Holmium    | 165-2 | 2298650  | 2294865  | 2248698  | 2280738  | 1.22   | cps   |
| Indium     | 115-1 | 7264817  | 7240427  | 7138840  | 7214695  | 0.93   | cps   |
| Indium     | 115-2 | 408791   | 409618   | 406208   | 408206   | 0.44   | cps   |
| Iron       | 56-2  | 404694   | 403168   | 402246   | 403369   | 0.31   | cps   |
| Iron       | 57-2  | 10260    | 10410    | 10198    | 10289    | 1.06   | cps   |
| Lead       | 206-1 | 5123     | 5112     | 4934     | 5057     | 2.10   | cps   |
| Lead       | 207-1 | 4234     | 4251     | 4379     | 4288     | 1.84   | cps   |
| Lead       | 208-1 | 20068    | 19640    | 19501    | 19736    | 1.50   | cps   |
| Lithium    | 6-1   | 1222140  | 1210829  | 1202821  | 1211930  | 0.80   | cps   |
| Magnesium  | 24-2  | 464486   | 465495   | 460736   | 463572   | 0.54   | cps   |
| Manganese  | 55-2  | 11418    | 11175    | 11552    | 11381    | 1.68   | cps   |



LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-05 Instrumnet Name : P8  
 Client Sample ID : TODDLERS-BATHROOM Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:35:15 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 11138    | 11797    | 10346    | 11094    | 6.55    | cps   |
| Molybdenum | 94-1  | 4468     | 3967     | 4176     | 4204     | 5.98    | cps   |
| Molybdenum | 95-1  | 6719     | 7236     | 7086     | 7013     | 3.79    | cps   |
| Molybdenum | 96-1  | 8203     | 7619     | 7544     | 7789     | 4.63    | cps   |
| Molybdenum | 97-1  | 4526     | 4584     | 4551     | 4554     | 0.64    | cps   |
| Neodymium  | 150-1 | 47       | 27       | 53       | 42       | 32.87   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 30043    | 30290    | 29645    | 29993    | 1.08    | cps   |
| Phosphorus | 31-2  | 208      | 267      | 250      | 242      | 12.43   | cps   |
| Potassium  | 39-2  | 76140    | 75687    | 75051    | 75626    | 0.72    | cps   |
| Rhodium    | 103-1 | 7007589  | 6876573  | 6867464  | 6917209  | 1.13    | cps   |
| Rhodium    | 103-2 | 2174917  | 2161486  | 2105946  | 2147450  | 1.70    | cps   |
| Scandium   | 45-1  | 4786137  | 4728384  | 4675340  | 4729954  | 1.17    | cps   |
| Scandium   | 45-2  | 45390    | 44935    | 45738    | 45354    | 0.89    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 7        | 0        | 7        | 5        | 86.60   | cps   |
| Selenium   | 82-1  | -3       | 6        | -13      | -3       | -312.37 | cps   |
| Silicon    | 28-1  | 19869617 | 19826466 | 19788845 | 19828309 | 0.20    | cps   |
| Silver     | 109-1 | 2225     | 2234     | 2434     | 2298     | 5.13    | cps   |
| Silver     | 107-1 | 2309     | 2342     | 2567     | 2406     | 5.84    | cps   |
| Sodium     | 23-2  | 4188544  | 4189008  | 4161574  | 4179709  | 0.38    | cps   |
| Strontium  | 86-1  | 789031   | 786580   | 780471   | 785361   | 0.56    | cps   |
| Strontium  | 88-1  | 6919457  | 6860328  | 6804293  | 6861359  | 0.84    | cps   |
| Sulfur     | 34-1  | 1178176  | 1164598  | 1175882  | 1172885  | 0.62    | cps   |
| Terbium    | 159-1 | 8405529  | 8249729  | 8337876  | 8331045  | 0.94    | cps   |
| Terbium    | 159-2 | 2233642  | 2238058  | 2200306  | 2224002  | 0.93    | cps   |
| Thallium   | 203-1 | 167      | 167      | 100      | 144      | 26.65   | cps   |
| Thallium   | 205-1 | 392      | 442      | 367      | 400      | 9.55    | cps   |
| Tin        | 118-1 | 18113    | 17254    | 18330    | 17899    | 3.18    | cps   |
| Titanium   | 47-1  | 625      | 383      | 517      | 508      | 23.81   | cps   |
| Uranium    | 238-1 | 3442     | 3617     | 3467     | 3509     | 2.70    | cps   |
| Vanadium   | 51-2  | 933      | 877      | 850      | 887      | 4.80    | cps   |
| Yttrium    | 89-1  | 7991838  | 7913143  | 7864300  | 7923094  | 0.81    | cps   |
| Yttrium    | 89-2  | 303977   | 303372   | 302266   | 303205   | 0.29    | cps   |
| Zinc       | 66-2  | 16620    | 16867    | 16650    | 16712    | 0.81    | cps   |
| Zirconium  | 90-1  | 1017     | 1025     | 975      | 1006     | 2.66    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | TODDLERS-BATHROOM   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:35:15 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 175  | 183  | 178     | 2.71   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-06 Instrumnet Name : P8  
 Client Sample ID : PRE-TODDLER-ROOM-4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:38:21 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 117      | 142      | 83       | 114      | 25.69  | cps   |
| Antimony   | 121-1 | 3867     | 4493     | 4318     | 4226     | 7.63   | cps   |
| Arsenic    | 75-2  | 63       | 65       | 67       | 65       | 2.86   | cps   |
| Barium     | 135-1 | 135958   | 138501   | 134956   | 136472   | 1.34   | cps   |
| Barium     | 137-1 | 236263   | 235428   | 238244   | 236645   | 0.61   | cps   |
| Beryllium  | 9-1   | 122      | 189      | 161      | 157      | 21.27  | cps   |
| Bismuth    | 209-1 | 4721965  | 4580840  | 4606658  | 4636488  | 1.62   | cps   |
| Bismuth    | 209-2 | 1631448  | 1669781  | 1661282  | 1654170  | 1.22   | cps   |
| Boron      | 11-1  | 62947    | 62645    | 65015    | 63536    | 2.03   | cps   |
| Boron      | 10-1  | 13665    | 13790    | 14041    | 13832    | 1.38   | cps   |
| Cadmium    | 106-1 | 1659     | 1467     | 1592     | 1572     | 6.19   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 21       | 22       | 10.84  | cps   |
| Cadmium    | 111-1 | 1202     | 1083     | 1141     | 1142     | 5.20   | cps   |
| Calcium    | 43-1  | 1029285  | 1031069  | 1021051  | 1027135  | 0.52   | cps   |
| Calcium    | 44-1  | 17079931 | 17016621 | 16885284 | 16993945 | 0.58   | cps   |
| Chromium   | 52-2  | 1310     | 1220     | 1327     | 1286     | 4.46   | cps   |
| Cobalt     | 59-2  | 200      | 210      | 250      | 220      | 12.03  | cps   |
| Copper     | 63-2  | 119229   | 117282   | 117072   | 117861   | 1.01   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 33       | 33       | 25.01  | cps   |
| Dysprosium | 156-2 | 3        | 30       | 17       | 17       | 80.01  | cps   |
| Erbium     | 164-1 | 58       | 75       | 50       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 10       | 13       | 7        | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 133      | 67       | 125      | 108      | 33.53  | cps   |
| Gadolinium | 160-2 | 40       | 13       | 23       | 26       | 52.73  | cps   |
| Holmium    | 165-1 | 7982074  | 7852274  | 7887341  | 7907230  | 0.85   | cps   |
| Holmium    | 165-2 | 2212138  | 2236558  | 2176959  | 2208551  | 1.36   | cps   |
| Indium     | 115-1 | 7111673  | 7095955  | 7166081  | 7124570  | 0.52   | cps   |
| Indium     | 115-2 | 390737   | 397215   | 396677   | 394876   | 0.91   | cps   |
| Iron       | 56-2  | 84735    | 85874    | 87143    | 85917    | 1.40   | cps   |
| Iron       | 57-2  | 2450     | 2195     | 2139     | 2261     | 7.34   | cps   |
| Lead       | 206-1 | 5040     | 5040     | 5351     | 5144     | 3.49   | cps   |
| Lead       | 207-1 | 4434     | 4084     | 4240     | 4253     | 4.13   | cps   |
| Lead       | 208-1 | 20218    | 19512    | 20090    | 19940    | 1.89   | cps   |
| Lithium    | 6-1   | 1197560  | 1199726  | 1197799  | 1198362  | 0.10   | cps   |
| Magnesium  | 24-2  | 443929   | 444945   | 443658   | 444177   | 0.15   | cps   |
| Manganese  | 55-2  | 4558     | 4708     | 4811     | 4692     | 2.72   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-06 Instrumnet Name : P8  
 Client Sample ID : PRE-TODDLER-ROOM-4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:38:21 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 98-1  | 10521    | 11188    | 10513    | 10741    | 3.61     | cps   |
| Molybdenum | 94-1  | 4309     | 4193     | 4126     | 4209     | 2.21     | cps   |
| Molybdenum | 95-1  | 6635     | 7019     | 6460     | 6705     | 4.26     | cps   |
| Molybdenum | 96-1  | 7369     | 7094     | 7261     | 7241     | 1.91     | cps   |
| Molybdenum | 97-1  | 4343     | 4418     | 3951     | 4237     | 5.92     | cps   |
| Neodymium  | 150-1 | 20       | 47       | 27       | 31       | 44.61    | cps   |
| Neodymium  | 150-2 | 7        | 0        | 10       | 6        | 91.64    | cps   |
| Nickel     | 60-2  | 4461     | 4191     | 4224     | 4292     | 3.43     | cps   |
| Phosphorus | 31-2  | 308      | 317      | 350      | 325      | 6.78     | cps   |
| Potassium  | 39-2  | 73718    | 72126    | 75093    | 73646    | 2.02     | cps   |
| Rhodium    | 103-1 | 6861944  | 6800167  | 6761989  | 6808033  | 0.74     | cps   |
| Rhodium    | 103-2 | 2061453  | 2077738  | 2089657  | 2076283  | 0.68     | cps   |
| Scandium   | 45-1  | 4680136  | 4721645  | 4680220  | 4694000  | 0.51     | cps   |
| Scandium   | 45-2  | 42645    | 43775    | 44667    | 43696    | 2.32     | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21   | cps   |
| Selenium   | 78-2  | 9        | 7        | 0        | 6        | 88.19    | cps   |
| Selenium   | 82-1  | 52       | -52      | -4       | -1       | -4498.47 | cps   |
| Silicon    | 28-1  | 19958016 | 19760242 | 19679311 | 19799190 | 0.72     | cps   |
| Silver     | 109-1 | 1450     | 1992     | 1800     | 1747     | 15.72    | cps   |
| Silver     | 107-1 | 1775     | 2000     | 2000     | 1925     | 6.75     | cps   |
| Sodium     | 23-2  | 4060594  | 4034867  | 4090492  | 4061984  | 0.69     | cps   |
| Strontium  | 86-1  | 730604   | 726227   | 723504   | 726778   | 0.49     | cps   |
| Strontium  | 88-1  | 6356514  | 6391040  | 6355155  | 6367570  | 0.32     | cps   |
| Sulfur     | 34-1  | 1117077  | 1130063  | 1112236  | 1119792  | 0.82     | cps   |
| Terbium    | 159-1 | 8244573  | 8218779  | 8236192  | 8233182  | 0.16     | cps   |
| Terbium    | 159-2 | 2132423  | 2157199  | 2168701  | 2152774  | 0.86     | cps   |
| Thallium   | 203-1 | 133      | 125      | 142      | 133      | 6.25     | cps   |
| Thallium   | 205-1 | 275      | 292      | 208      | 258      | 17.07    | cps   |
| Tin        | 118-1 | 4493     | 4693     | 5093     | 4759     | 6.42     | cps   |
| Titanium   | 47-1  | 542      | 667      | 517      | 575      | 13.98    | cps   |
| Uranium    | 238-1 | 2792     | 3042     | 2484     | 2773     | 10.09    | cps   |
| Vanadium   | 51-2  | 1063     | 1030     | 1097     | 1063     | 3.14     | cps   |
| Yttrium    | 89-1  | 7827408  | 7786722  | 7841300  | 7818477  | 0.36     | cps   |
| Yttrium    | 89-2  | 291604   | 295731   | 294763   | 294033   | 0.73     | cps   |
| Zinc       | 66-2  | 11251    | 11582    | 11635    | 11489    | 1.81     | cps   |
| Zirconium  | 90-1  | 917      | 958      | 975      | 950      | 3.16     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | PRE-TODDLER-ROOM-9  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:38:21 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 117  | 242  | 181     | 34.64  | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-07 Instrumnet Name : P8  
 Client Sample ID : STAFF-BATHROOM-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:41:29 DataFile Name : 051SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83       | 92       | 33       | 69       | 45.43  | cps   |
| Antimony   | 121-1 | 4935     | 5185     | 4893     | 5004     | 3.15   | cps   |
| Arsenic    | 75-2  | 46       | 56       | 50       | 51       | 9.21   | cps   |
| Barium     | 135-1 | 136802   | 136774   | 137501   | 137026   | 0.30   | cps   |
| Barium     | 137-1 | 238270   | 239029   | 238280   | 238526   | 0.18   | cps   |
| Beryllium  | 9-1   | 200      | 139      | 167      | 169      | 18.16  | cps   |
| Bismuth    | 209-1 | 4658487  | 4571473  | 4551652  | 4593871  | 1.24   | cps   |
| Bismuth    | 209-2 | 1672706  | 1670866  | 1661376  | 1668316  | 0.36   | cps   |
| Boron      | 11-1  | 74963    | 77585    | 76906    | 76485    | 1.78   | cps   |
| Boron      | 10-1  | 15300    | 16727    | 16677    | 16235    | 4.99   | cps   |
| Cadmium    | 106-1 | 1617     | 1575     | 1425     | 1539     | 6.55   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 21       | 24       | 20.39  | cps   |
| Cadmium    | 111-1 | 1199     | 1142     | 1066     | 1136     | 5.85   | cps   |
| Calcium    | 43-1  | 1048600  | 1046616  | 1030741  | 1041986  | 0.94   | cps   |
| Calcium    | 44-1  | 17274960 | 17212811 | 17087369 | 17191713 | 0.56   | cps   |
| Chromium   | 52-2  | 1083     | 1107     | 1190     | 1127     | 4.98   | cps   |
| Cobalt     | 59-2  | 327      | 283      | 290      | 300      | 7.78   | cps   |
| Copper     | 63-2  | 2362831  | 2320324  | 2318524  | 2333893  | 1.07   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 50       | 31       | 68.64  | cps   |
| Dysprosium | 156-2 | 3        | 20       | 17       | 13       | 66.16  | cps   |
| Erbium     | 164-1 | 50       | 25       | 58       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 3        | 17       | 13       | 11       | 62.48  | cps   |
| Gadolinium | 160-1 | 108      | 100      | 83       | 97       | 13.09  | cps   |
| Gadolinium | 160-2 | 20       | 23       | 23       | 22       | 8.65   | cps   |
| Holmium    | 165-1 | 7937746  | 7979974  | 7773817  | 7897179  | 1.38   | cps   |
| Holmium    | 165-2 | 2247903  | 2223971  | 2227038  | 2232971  | 0.58   | cps   |
| Indium     | 115-1 | 7253527  | 7103036  | 7033656  | 7130073  | 1.58   | cps   |
| Indium     | 115-2 | 402860   | 394888   | 399160   | 398969   | 1.00   | cps   |
| Iron       | 56-2  | 40147    | 39351    | 39969    | 39822    | 1.05   | cps   |
| Iron       | 57-2  | 1156     | 1083     | 1067     | 1102     | 4.29   | cps   |
| Lead       | 206-1 | 956      | 1189     | 1145     | 1096     | 11.30  | cps   |
| Lead       | 207-1 | 1017     | 933      | 1017     | 989      | 4.87   | cps   |
| Lead       | 208-1 | 4256     | 4339     | 4312     | 4302     | 0.99   | cps   |
| Lithium    | 6-1   | 1191147  | 1192884  | 1193217  | 1192416  | 0.09   | cps   |
| Magnesium  | 24-2  | 464152   | 456599   | 460373   | 460375   | 0.82   | cps   |
| Manganese  | 55-2  | 6582     | 6262     | 6198     | 6347     | 3.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | STAFF-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:41:29 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 13074    | 12706    | 13207    | 12996    | 1.99    | cps   |
| Molybdenum | 94-1  | 5168     | 4634     | 4701     | 4834     | 6.01    | cps   |
| Molybdenum | 95-1  | 8453     | 7778     | 8220     | 8150     | 4.21    | cps   |
| Molybdenum | 96-1  | 8895     | 8928     | 8703     | 8842     | 1.38    | cps   |
| Molybdenum | 97-1  | 5118     | 4843     | 5010     | 4990     | 2.78    | cps   |
| Neodymium  | 150-1 | 7        | 27       | 27       | 20       | 57.73   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05  | cps   |
| Nickel     | 60-2  | 24969    | 24645    | 24943    | 24852    | 0.72    | cps   |
| Phosphorus | 31-2  | 158      | 125      | 100      | 128      | 22.90   | cps   |
| Potassium  | 39-2  | 73484    | 70184    | 71348    | 71672    | 2.34    | cps   |
| Rhodium    | 103-1 | 6860213  | 6804058  | 6719712  | 6794661  | 1.04    | cps   |
| Rhodium    | 103-2 | 2095499  | 2077965  | 2109932  | 2094465  | 0.76    | cps   |
| Scandium   | 45-1  | 4717325  | 4621491  | 4615066  | 4651294  | 1.23    | cps   |
| Scandium   | 45-2  | 44577    | 43925    | 43738    | 44080    | 1.00    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 4        | 4        | 6        | 4        | 24.86   | cps   |
| Selenium   | 82-1  | 20       | 22       | -91      | -16      | -395.57 | cps   |
| Silicon    | 28-1  | 21315800 | 21243245 | 20949588 | 21169544 | 0.92    | cps   |
| Silver     | 109-1 | 2309     | 2334     | 2467     | 2370     | 3.59    | cps   |
| Silver     | 107-1 | 2484     | 2434     | 2334     | 2417     | 3.16    | cps   |
| Sodium     | 23-2  | 4056349  | 3958068  | 4007514  | 4007310  | 1.23    | cps   |
| Strontium  | 86-1  | 836385   | 824403   | 828177   | 829655   | 0.74    | cps   |
| Strontium  | 88-1  | 7362325  | 7232646  | 7231654  | 7275542  | 1.03    | cps   |
| Sulfur     | 34-1  | 1204801  | 1235254  | 1206902  | 1215652  | 1.40    | cps   |
| Terbium    | 159-1 | 8244319  | 8231058  | 8215367  | 8230248  | 0.18    | cps   |
| Terbium    | 159-2 | 2190855  | 2147109  | 2152460  | 2163475  | 1.10    | cps   |
| Thallium   | 203-1 | 108      | 125      | 117      | 117      | 7.14    | cps   |
| Thallium   | 205-1 | 200      | 300      | 183      | 228      | 27.70   | cps   |
| Tin        | 118-1 | 4509     | 4301     | 4684     | 4498     | 4.27    | cps   |
| Titanium   | 47-1  | 592      | 533      | 283      | 469      | 34.89   | cps   |
| Uranium    | 238-1 | 2909     | 2742     | 2717     | 2789     | 3.74    | cps   |
| Vanadium   | 51-2  | 850      | 770      | 820      | 813      | 4.97    | cps   |
| Yttrium    | 89-1  | 7851359  | 7848830  | 7750978  | 7817055  | 0.73    | cps   |
| Yttrium    | 89-2  | 298149   | 293296   | 297831   | 296425   | 0.92    | cps   |
| Zinc       | 66-2  | 22011    | 21711    | 21974    | 21899    | 0.75    | cps   |
| Zirconium  | 90-1  | 875      | 742      | 808      | 808      | 8.25    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | STAFF-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:41:29 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 225  | 200  | 214     | 5.95   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | SICK-BATHROOM-A     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:44:36 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 33       | 33       | 44       | 43.29  | cps   |
| Antimony   | 121-1 | 7394     | 7227     | 7427     | 7350     | 1.46   | cps   |
| Arsenic    | 75-2  | 56       | 35       | 46       | 46       | 22.33  | cps   |
| Barium     | 135-1 | 130816   | 131119   | 131531   | 131155   | 0.27   | cps   |
| Barium     | 137-1 | 227713   | 226654   | 226748   | 227038   | 0.26   | cps   |
| Beryllium  | 9-1   | 167      | 144      | 167      | 159      | 8.06   | cps   |
| Bismuth    | 209-1 | 4750436  | 4772658  | 4741248  | 4754781  | 0.34   | cps   |
| Bismuth    | 209-2 | 1812785  | 1507336  | 1703995  | 1674706  | 9.24   | cps   |
| Boron      | 11-1  | 58378    | 57633    | 58186    | 58066    | 0.67   | cps   |
| Boron      | 10-1  | 12381    | 12406    | 11697    | 12161    | 3.31   | cps   |
| Cadmium    | 106-1 | 1709     | 1750     | 1433     | 1631     | 10.55  | cps   |
| Cadmium    | 108-1 | 54       | 33       | 71       | 53       | 35.61  | cps   |
| Cadmium    | 111-1 | 1208     | 1252     | 1037     | 1166     | 9.73   | cps   |
| Calcium    | 43-1  | 935451   | 933805   | 930731   | 933329   | 0.26   | cps   |
| Calcium    | 44-1  | 15500128 | 15428814 | 15344810 | 15424584 | 0.50   | cps   |
| Chromium   | 52-2  | 1173     | 1173     | 1120     | 1156     | 2.66   | cps   |
| Cobalt     | 59-2  | 360      | 380      | 367      | 369      | 2.76   | cps   |
| Copper     | 63-2  | 1688308  | 1700584  | 1707619  | 1698837  | 0.58   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 0        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 58       | 25       | 42       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 75       | 50       | 50       | 58       | 24.74  | cps   |
| Gadolinium | 160-2 | 13       | 23       | 13       | 17       | 34.65  | cps   |
| Holmium    | 165-1 | 8038780  | 8080002  | 7998541  | 8039107  | 0.51   | cps   |
| Holmium    | 165-2 | 2313521  | 1936881  | 2283525  | 2177976  | 9.61   | cps   |
| Indium     | 115-1 | 7204930  | 7297306  | 7177691  | 7226642  | 0.87   | cps   |
| Indium     | 115-2 | 410685   | 343519   | 405674   | 386626   | 9.68   | cps   |
| Iron       | 56-2  | 39178    | 39863    | 39651    | 39564    | 0.89   | cps   |
| Iron       | 57-2  | 1011     | 956      | 1000     | 989      | 2.97   | cps   |
| Lead       | 206-1 | 3162     | 3262     | 3423     | 3282     | 4.02   | cps   |
| Lead       | 207-1 | 2928     | 3023     | 2995     | 2982     | 1.63   | cps   |
| Lead       | 208-1 | 13186    | 13025    | 13186    | 13133    | 0.71   | cps   |
| Lithium    | 6-1   | 1217962  | 1216720  | 1250418  | 1228367  | 1.56   | cps   |
| Magnesium  | 24-2  | 403887   | 404986   | 396551   | 401808   | 1.14   | cps   |
| Manganese  | 55-2  | 9050     | 8930     | 8686     | 8889     | 2.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | SICK-BATHROOM-A     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:44:36 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 9812     | 9662     | 9354     | 9609     | 2.43   | cps   |
| Molybdenum | 94-1  | 3867     | 4017     | 3351     | 3745     | 9.34   | cps   |
| Molybdenum | 95-1  | 6202     | 5960     | 6102     | 6088     | 2.00   | cps   |
| Molybdenum | 96-1  | 6652     | 6685     | 6744     | 6694     | 0.69   | cps   |
| Molybdenum | 97-1  | 3809     | 4034     | 3951     | 3931     | 2.89   | cps   |
| Neodymium  | 150-1 | 20       | 27       | 20       | 22       | 17.33  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 39453    | 39459    | 37925    | 38946    | 2.27   | cps   |
| Phosphorus | 31-2  | 50       | 67       | 83       | 67       | 25.00  | cps   |
| Potassium  | 39-2  | 78201    | 77866    | 75696    | 77254    | 1.76   | cps   |
| Rhodium    | 103-1 | 6964801  | 6887643  | 6802232  | 6884892  | 1.18   | cps   |
| Rhodium    | 103-2 | 2149910  | 1827795  | 2136897  | 2038201  | 8.95   | cps   |
| Scandium   | 45-1  | 4748031  | 4787173  | 4755466  | 4763556  | 0.44   | cps   |
| Scandium   | 45-2  | 45748    | 38076    | 44721    | 42848    | 9.72   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 4        | 4        | 4        | 0.00   | cps   |
| Selenium   | 82-1  | -142     | -96      | -42      | -93      | -53.91 | cps   |
| Silicon    | 28-1  | 19143355 | 18886831 | 19115423 | 19048536 | 0.74   | cps   |
| Silver     | 109-1 | 1583     | 1900     | 1800     | 1761     | 9.19   | cps   |
| Silver     | 107-1 | 1875     | 1984     | 2092     | 1984     | 5.46   | cps   |
| Sodium     | 23-2  | 3947106  | 3913441  | 3864731  | 3908426  | 1.06   | cps   |
| Strontium  | 86-1  | 617415   | 613714   | 609701   | 613610   | 0.63   | cps   |
| Strontium  | 88-1  | 5390468  | 5330991  | 5351885  | 5357781  | 0.56   | cps   |
| Sulfur     | 34-1  | 1054212  | 1044252  | 1034876  | 1044447  | 0.93   | cps   |
| Terbium    | 159-1 | 8386062  | 8492372  | 8400715  | 8426383  | 0.68   | cps   |
| Terbium    | 159-2 | 2237542  | 1880050  | 2185846  | 2101146  | 9.20   | cps   |
| Thallium   | 203-1 | 117      | 133      | 133      | 128      | 7.53   | cps   |
| Thallium   | 205-1 | 192      | 233      | 350      | 258      | 31.77  | cps   |
| Tin        | 118-1 | 4718     | 4968     | 4809     | 4832     | 2.62   | cps   |
| Titanium   | 47-1  | 492      | 342      | 367      | 400      | 20.09  | cps   |
| Uranium    | 238-1 | 2700     | 2709     | 2684     | 2698     | 0.47   | cps   |
| Vanadium   | 51-2  | 587      | 647      | 660      | 631      | 6.19   | cps   |
| Yttrium    | 89-1  | 7970279  | 7877869  | 7839546  | 7895898  | 0.85   | cps   |
| Yttrium    | 89-2  | 305907   | 254589   | 300120   | 286872   | 9.80   | cps   |
| Zinc       | 66-2  | 127530   | 128461   | 125552   | 127181   | 1.17   | cps   |
| Zirconium  | 90-1  | 858      | 792      | 742      | 797      | 7.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | SICK-BATHROOM-A     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:44:36 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 208  | 233  | 211     | 9.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | DIRECTORS-OFFICE-A  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:47:42 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17       | 58       | 50       | 42       | 52.91  | cps   |
| Antimony   | 121-1 | 5351     | 5501     | 5460     | 5437     | 1.42   | cps   |
| Arsenic    | 75-2  | 39       | 31       | 54       | 41       | 27.36  | cps   |
| Barium     | 135-1 | 158277   | 156919   | 154990   | 156728   | 1.05   | cps   |
| Barium     | 137-1 | 272938   | 270311   | 270915   | 271388   | 0.51   | cps   |
| Beryllium  | 9-1   | 139      | 94       | 106      | 113      | 20.47  | cps   |
| Bismuth    | 209-1 | 4702741  | 4680985  | 4679993  | 4687906  | 0.27   | cps   |
| Bismuth    | 209-2 | 1692384  | 1690306  | 1743341  | 1708677  | 1.76   | cps   |
| Boron      | 11-1  | 55751    | 56202    | 56353    | 56102    | 0.56   | cps   |
| Boron      | 10-1  | 11697    | 11622    | 12339    | 11886    | 3.32   | cps   |
| Cadmium    | 106-1 | 1734     | 1725     | 1825     | 1761     | 3.15   | cps   |
| Cadmium    | 108-1 | 46       | 50       | 71       | 56       | 24.11  | cps   |
| Cadmium    | 111-1 | 1281     | 1273     | 1391     | 1315     | 5.00   | cps   |
| Calcium    | 43-1  | 912085   | 906930   | 905310   | 908108   | 0.39   | cps   |
| Calcium    | 44-1  | 15140327 | 14959020 | 14895228 | 14998192 | 0.85   | cps   |
| Chromium   | 52-2  | 953      | 973      | 820      | 916      | 9.10   | cps   |
| Cobalt     | 59-2  | 643      | 540      | 547      | 577      | 10.03  | cps   |
| Copper     | 63-2  | 3054393  | 3069575  | 3037494  | 3053820  | 0.53   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 17       | 36       | 48.03  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 67       | 25       | 42       | 52.92  | cps   |
| Erbium     | 164-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 92       | 83       | 92       | 89       | 5.41   | cps   |
| Gadolinium | 160-2 | 20       | 17       | 13       | 17       | 20.01  | cps   |
| Holmium    | 165-1 | 8113561  | 7947063  | 7943119  | 8001248  | 1.22   | cps   |
| Holmium    | 165-2 | 2272086  | 2285385  | 2286339  | 2281270  | 0.35   | cps   |
| Indium     | 115-1 | 7192724  | 7213121  | 7232519  | 7212788  | 0.28   | cps   |
| Indium     | 115-2 | 399155   | 404456   | 402369   | 401994   | 0.66   | cps   |
| Iron       | 56-2  | 11044    | 10677    | 10982    | 10901    | 1.80   | cps   |
| Iron       | 57-2  | 250      | 294      | 306      | 283      | 10.38  | cps   |
| Lead       | 206-1 | 3528     | 3678     | 3395     | 3534     | 4.01   | cps   |
| Lead       | 207-1 | 3123     | 3306     | 3201     | 3210     | 2.87   | cps   |
| Lead       | 208-1 | 14476    | 14398    | 14621    | 14498    | 0.78   | cps   |
| Lithium    | 6-1   | 1222932  | 1207973  | 1207074  | 1212660  | 0.73   | cps   |
| Magnesium  | 24-2  | 464057   | 462241   | 464272   | 463523   | 0.24   | cps   |
| Manganese  | 55-2  | 12502    | 12339    | 12736    | 12526    | 1.59   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-09 Instrumnet Name : P8  
 Client Sample ID : DIRECTORS-OFFICE-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:47:42 DataFile Name : 053SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 8595     | 8645     | 8945     | 8728     | 2.17   | cps   |
| Molybdenum | 94-1  | 3476     | 3367     | 3126     | 3323     | 5.39   | cps   |
| Molybdenum | 95-1  | 5476     | 5385     | 5351     | 5404     | 1.20   | cps   |
| Molybdenum | 96-1  | 5760     | 5576     | 5476     | 5604     | 2.56   | cps   |
| Molybdenum | 97-1  | 3542     | 3334     | 3492     | 3456     | 3.15   | cps   |
| Neodymium  | 150-1 | 33       | 47       | 20       | 33       | 40.01  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 58479    | 58208    | 57756    | 58148    | 0.63   | cps   |
| Phosphorus | 31-2  | 58       | 58       | 58       | 58       | 0.00   | cps   |
| Potassium  | 39-2  | 80152    | 81150    | 79902    | 80401    | 0.82   | cps   |
| Rhodium    | 103-1 | 6910629  | 6847400  | 6882301  | 6880110  | 0.46   | cps   |
| Rhodium    | 103-2 | 2138670  | 2113597  | 2108332  | 2120200  | 0.76   | cps   |
| Scandium   | 45-1  | 4774400  | 4697321  | 4751485  | 4741069  | 0.83   | cps   |
| Scandium   | 45-2  | 45420    | 44253    | 44922    | 44865    | 1.31   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 2        | 6        | 4        | 50.09  | cps   |
| Selenium   | 82-1  | -35      | -34      | -41      | -37      | -10.14 | cps   |
| Silicon    | 28-1  | 20950968 | 20637805 | 20689560 | 20759444 | 0.81   | cps   |
| Silver     | 109-1 | 1617     | 1867     | 1950     | 1811     | 9.58   | cps   |
| Silver     | 107-1 | 1759     | 1984     | 1950     | 1897     | 6.40   | cps   |
| Sodium     | 23-2  | 4081811  | 4099681  | 4070128  | 4083873  | 0.36   | cps   |
| Strontium  | 86-1  | 609236   | 609238   | 608706   | 609060   | 0.05   | cps   |
| Strontium  | 88-1  | 5371151  | 5361399  | 5307438  | 5346663  | 0.64   | cps   |
| Sulfur     | 34-1  | 1056109  | 1040637  | 1056050  | 1050932  | 0.85   | cps   |
| Terbium    | 159-1 | 8425161  | 8389220  | 8333183  | 8382521  | 0.55   | cps   |
| Terbium    | 159-2 | 2208888  | 2192204  | 2178771  | 2193288  | 0.69   | cps   |
| Thallium   | 203-1 | 117      | 158      | 117      | 131      | 18.43  | cps   |
| Thallium   | 205-1 | 292      | 258      | 283      | 278      | 6.24   | cps   |
| Tin        | 118-1 | 5243     | 5235     | 5510     | 5329     | 2.94   | cps   |
| Titanium   | 47-1  | 383      | 458      | 467      | 436      | 10.52  | cps   |
| Uranium    | 238-1 | 1792     | 1784     | 1800     | 1792     | 0.46   | cps   |
| Vanadium   | 51-2  | 510      | 493      | 480      | 494      | 3.04   | cps   |
| Yttrium    | 89-1  | 7904016  | 7779772  | 7801918  | 7828568  | 0.85   | cps   |
| Yttrium    | 89-2  | 300627   | 300674   | 297979   | 299760   | 0.51   | cps   |
| Zinc       | 66-2  | 172221   | 171046   | 171805   | 171691   | 0.35   | cps   |
| Zirconium  | 90-1  | 783      | 667      | 758      | 736      | 8.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | DIRECTORS-OFFICE-A  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:47:42 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 208  | 233  | 217     | 6.66   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-10 Instrumnet Name : P8  
 Client Sample ID : KINDERGARDEN-BATH- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:50:49 DataFile Name : 054SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25       | 50       | 58       | 44       | 39.04  | cps   |
| Antimony   | 121-1 | 5126     | 4776     | 5176     | 5026     | 4.34   | cps   |
| Arsenic    | 75-2  | 72       | 43       | 44       | 53       | 31.26  | cps   |
| Barium     | 135-1 | 142082   | 141566   | 141439   | 141696   | 0.24   | cps   |
| Barium     | 137-1 | 247013   | 243943   | 246941   | 245966   | 0.71   | cps   |
| Beryllium  | 9-1   | 139      | 161      | 128      | 143      | 11.91  | cps   |
| Bismuth    | 209-1 | 4778979  | 4807581  | 4742682  | 4776414  | 0.68   | cps   |
| Bismuth    | 209-2 | 1734009  | 1695112  | 1714368  | 1714496  | 1.13   | cps   |
| Boron      | 11-1  | 75558    | 78079    | 76973    | 76870    | 1.64   | cps   |
| Boron      | 10-1  | 16243    | 16502    | 16093    | 16279    | 1.27   | cps   |
| Cadmium    | 106-1 | 1675     | 1467     | 1684     | 1608     | 7.63   | cps   |
| Cadmium    | 108-1 | 50       | 21       | 25       | 32       | 49.39  | cps   |
| Cadmium    | 111-1 | 1217     | 1079     | 1257     | 1184     | 7.88   | cps   |
| Calcium    | 43-1  | 1067682  | 1070262  | 1071322  | 1069755  | 0.18   | cps   |
| Calcium    | 44-1  | 17647553 | 17603963 | 17522949 | 17591488 | 0.36   | cps   |
| Chromium   | 52-2  | 1093     | 1097     | 1097     | 1096     | 0.18   | cps   |
| Cobalt     | 59-2  | 327      | 430      | 360      | 372      | 14.17  | cps   |
| Copper     | 63-2  | 2148836  | 2088557  | 2097782  | 2111725  | 1.54   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 83       | 39       | 101.28 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 17       | 58       | 42       | 39       | 53.93  | cps   |
| Erbium     | 164-2 | 13       | 3        | 7        | 8        | 65.47  | cps   |
| Gadolinium | 160-1 | 100      | 75       | 175      | 117      | 44.61  | cps   |
| Gadolinium | 160-2 | 17       | 30       | 20       | 22       | 31.22  | cps   |
| Holmium    | 165-1 | 7994619  | 7923882  | 8025731  | 7981411  | 0.65   | cps   |
| Holmium    | 165-2 | 2308939  | 2283564  | 2252474  | 2281659  | 1.24   | cps   |
| Indium     | 115-1 | 7244135  | 7244454  | 7132100  | 7206896  | 0.90   | cps   |
| Indium     | 115-2 | 404931   | 402466   | 399999   | 402465   | 0.61   | cps   |
| Iron       | 56-2  | 58746    | 57490    | 55728    | 57322    | 2.64   | cps   |
| Iron       | 57-2  | 1461     | 1483     | 1583     | 1509     | 4.31   | cps   |
| Lead       | 206-1 | 1739     | 1695     | 1845     | 1759     | 4.38   | cps   |
| Lead       | 207-1 | 1433     | 1467     | 1478     | 1459     | 1.58   | cps   |
| Lead       | 208-1 | 7201     | 6957     | 7234     | 7131     | 2.13   | cps   |
| Lithium    | 6-1   | 1208260  | 1220788  | 1207895  | 1212314  | 0.61   | cps   |
| Magnesium  | 24-2  | 472783   | 473219   | 469468   | 471823   | 0.43   | cps   |
| Manganese  | 55-2  | 6765     | 6939     | 6695     | 6800     | 1.84   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-10 Instrumnet Name : P8  
 Client Sample ID : KINDERGARDEN-BATH- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:50:49 DataFile Name : 054SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 12740    | 12606    | 13349    | 12898    | 3.07   | cps   |
| Molybdenum | 94-1  | 4759     | 4618     | 4618     | 4665     | 1.75   | cps   |
| Molybdenum | 95-1  | 8836     | 8136     | 8703     | 8559     | 4.35   | cps   |
| Molybdenum | 96-1  | 8661     | 8987     | 8245     | 8631     | 4.31   | cps   |
| Molybdenum | 97-1  | 5210     | 5318     | 5210     | 5246     | 1.19   | cps   |
| Neodymium  | 150-1 | 67       | 33       | 20       | 40       | 60.10  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 30113    | 30403    | 29772    | 30096    | 1.05   | cps   |
| Phosphorus | 31-2  | 183      | 142      | 175      | 167      | 13.23  | cps   |
| Potassium  | 39-2  | 73677    | 75462    | 72789    | 73976    | 1.84   | cps   |
| Rhodium    | 103-1 | 6963309  | 6866556  | 6832709  | 6887525  | 0.98   | cps   |
| Rhodium    | 103-2 | 2138717  | 2139335  | 2127801  | 2135284  | 0.30   | cps   |
| Scandium   | 45-1  | 4737889  | 4722731  | 4640383  | 4700334  | 1.12   | cps   |
| Scandium   | 45-2  | 45149    | 44353    | 44641    | 44714    | 0.90   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 6        | 0        | 6        | 4        | 86.60  | cps   |
| Selenium   | 82-1  | 13       | 16       | 71       | 34       | 97.81  | cps   |
| Silicon    | 28-1  | 21852641 | 21825998 | 21629445 | 21769361 | 0.56   | cps   |
| Silver     | 109-1 | 2242     | 2142     | 2059     | 2147     | 4.27   | cps   |
| Silver     | 107-1 | 2225     | 2100     | 2234     | 2186     | 3.42   | cps   |
| Sodium     | 23-2  | 4139172  | 4096208  | 4114211  | 4116530  | 0.52   | cps   |
| Strontium  | 86-1  | 853131   | 850002   | 847316   | 850150   | 0.34   | cps   |
| Strontium  | 88-1  | 7537651  | 7468501  | 7421554  | 7475902  | 0.78   | cps   |
| Sulfur     | 34-1  | 1227739  | 1223461  | 1238529  | 1229910  | 0.63   | cps   |
| Terbium    | 159-1 | 8435054  | 8441337  | 8363283  | 8413225  | 0.52   | cps   |
| Terbium    | 159-2 | 2208997  | 2188285  | 2188756  | 2195346  | 0.54   | cps   |
| Thallium   | 203-1 | 58       | 108      | 133      | 100      | 38.19  | cps   |
| Thallium   | 205-1 | 200      | 117      | 183      | 167      | 26.46  | cps   |
| Tin        | 118-1 | 6035     | 6260     | 5860     | 6052     | 3.32   | cps   |
| Titanium   | 47-1  | 408      | 400      | 525      | 444      | 15.72  | cps   |
| Uranium    | 238-1 | 2925     | 3309     | 3317     | 3184     | 7.03   | cps   |
| Vanadium   | 51-2  | 903      | 923      | 883      | 903      | 2.21   | cps   |
| Yttrium    | 89-1  | 7896339  | 7837536  | 7846183  | 7860019  | 0.40   | cps   |
| Yttrium    | 89-2  | 301506   | 297126   | 297029   | 298553   | 0.86   | cps   |
| Zinc       | 66-2  | 27471    | 27244    | 27277    | 27330    | 0.45   | cps   |
| Zirconium  | 90-1  | 700      | 808      | 650      | 719      | 11.25  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | KINDERGARDEN-BATH-  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:50:49 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 133  | 158  | 139     | 12.49  | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-11 Instrumnet Name : P8  
 Client Sample ID : 2ND-FLOOR-FOUNTAIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:53:55 DataFile Name : 055SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 58       | 33       | 83       | 58       | 42.86  | cps   |
| Antimony   | 121-1 | 4976     | 5235     | 5368     | 5193     | 3.84   | cps   |
| Arsenic    | 75-2  | 48       | 44       | 33       | 42       | 18.37  | cps   |
| Barium     | 135-1 | 148170   | 148703   | 144802   | 147225   | 1.44   | cps   |
| Barium     | 137-1 | 261629   | 260523   | 251289   | 257813   | 2.20   | cps   |
| Beryllium  | 9-1   | 161      | 167      | 144      | 157      | 7.35   | cps   |
| Bismuth    | 209-1 | 4733865  | 4551138  | 4511496  | 4598833  | 2.58   | cps   |
| Bismuth    | 209-2 | 1652323  | 1747147  | 1657586  | 1685685  | 3.16   | cps   |
| Boron      | 11-1  | 60445    | 61240    | 59809    | 60498    | 1.18   | cps   |
| Boron      | 10-1  | 12806    | 13215    | 13423    | 13148    | 2.39   | cps   |
| Cadmium    | 106-1 | 1642     | 1567     | 1458     | 1556     | 5.93   | cps   |
| Cadmium    | 108-1 | 25       | 54       | 29       | 36       | 43.68  | cps   |
| Cadmium    | 111-1 | 1240     | 1167     | 1117     | 1175     | 5.26   | cps   |
| Calcium    | 43-1  | 923391   | 924516   | 911101   | 919669   | 0.81   | cps   |
| Calcium    | 44-1  | 15015291 | 15313400 | 14936090 | 15088261 | 1.32   | cps   |
| Chromium   | 52-2  | 7756     | 7902     | 7976     | 7878     | 1.42   | cps   |
| Cobalt     | 59-2  | 880      | 847      | 853      | 860      | 2.05   | cps   |
| Copper     | 63-2  | 2727385  | 2729622  | 2762235  | 2739747  | 0.71   | cps   |
| Dysprosium | 156-1 | 8        | 50       | 33       | 31       | 68.64  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Erbium     | 164-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Gadolinium | 160-1 | 83       | 50       | 92       | 75       | 29.40  | cps   |
| Gadolinium | 160-2 | 3        | 30       | 13       | 16       | 86.63  | cps   |
| Holmium    | 165-1 | 8041807  | 7710308  | 7420959  | 7724358  | 4.02   | cps   |
| Holmium    | 165-2 | 2228014  | 2272340  | 2236796  | 2245717  | 1.05   | cps   |
| Indium     | 115-1 | 7221939  | 6937409  | 6694401  | 6951250  | 3.80   | cps   |
| Indium     | 115-2 | 390126   | 396776   | 392319   | 393074   | 0.86   | cps   |
| Iron       | 56-2  | 75828    | 75034    | 76816    | 75893    | 1.18   | cps   |
| Iron       | 57-2  | 1895     | 1867     | 2011     | 1924     | 3.98   | cps   |
| Lead       | 206-1 | 1183     | 1061     | 1045     | 1096     | 6.92   | cps   |
| Lead       | 207-1 | 822      | 961      | 1067     | 950      | 12.91  | cps   |
| Lead       | 208-1 | 4378     | 4217     | 4278     | 4291     | 1.90   | cps   |
| Lithium    | 6-1   | 1210664  | 1185176  | 1147668  | 1181169  | 2.68   | cps   |
| Magnesium  | 24-2  | 461628   | 462788   | 464033   | 462816   | 0.26   | cps   |
| Manganese  | 55-2  | 10641    | 10898    | 10901    | 10813    | 1.38   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-11 Instrumnet Name : P8  
 Client Sample ID : 2ND-FLOOR-FOUNTAIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:53:55 DataFile Name : 055SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 10730    | 10713    | 10780    | 10741    | 0.32   | cps   |
| Molybdenum | 94-1  | 4009     | 4259     | 4151     | 4140     | 3.03   | cps   |
| Molybdenum | 95-1  | 6293     | 6669     | 6227     | 6396     | 3.72   | cps   |
| Molybdenum | 96-1  | 7277     | 7336     | 6977     | 7197     | 2.67   | cps   |
| Molybdenum | 97-1  | 4409     | 4493     | 4209     | 4370     | 3.33   | cps   |
| Neodymium  | 150-1 | 7        | 20       | 20       | 16       | 49.47  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 31192    | 31546    | 31459    | 31399    | 0.59   | cps   |
| Phosphorus | 31-2  | 75       | 75       | 75       | 75       | 0.00   | cps   |
| Potassium  | 39-2  | 76853    | 77790    | 78050    | 77564    | 0.81   | cps   |
| Rhodium    | 103-1 | 6893830  | 6618045  | 6365298  | 6625724  | 3.99   | cps   |
| Rhodium    | 103-2 | 2102465  | 2098373  | 2090094  | 2096977  | 0.30   | cps   |
| Scandium   | 45-1  | 4715170  | 4538234  | 4355230  | 4536211  | 3.97   | cps   |
| Scandium   | 45-2  | 43718    | 43792    | 42675    | 43395    | 1.44   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 6        | 2        | 17       | 8        | 96.08  | cps   |
| Selenium   | 82-1  | 18       | 65       | -45      | 13       | 434.62 | cps   |
| Silicon    | 28-1  | 20812691 | 20776743 | 20412326 | 20667253 | 1.07   | cps   |
| Silver     | 109-1 | 1392     | 1625     | 1650     | 1556     | 9.16   | cps   |
| Silver     | 107-1 | 1825     | 1850     | 1934     | 1870     | 3.03   | cps   |
| Sodium     | 23-2  | 4056238  | 4054274  | 4028481  | 4046331  | 0.38   | cps   |
| Strontium  | 86-1  | 658222   | 664965   | 649850   | 657679   | 1.15   | cps   |
| Strontium  | 88-1  | 5818384  | 5792312  | 5639130  | 5749942  | 1.68   | cps   |
| Sulfur     | 34-1  | 1108160  | 1109985  | 1080304  | 1099483  | 1.51   | cps   |
| Terbium    | 159-1 | 8340084  | 8173122  | 7882392  | 8131866  | 2.85   | cps   |
| Terbium    | 159-2 | 2119113  | 2143782  | 2157690  | 2140195  | 0.91   | cps   |
| Thallium   | 203-1 | 133      | 133      | 83       | 117      | 24.74  | cps   |
| Thallium   | 205-1 | 208      | 192      | 217      | 206      | 6.19   | cps   |
| Tin        | 118-1 | 4609     | 4451     | 4318     | 4459     | 3.27   | cps   |
| Titanium   | 47-1  | 542      | 392      | 400      | 444      | 18.97  | cps   |
| Uranium    | 238-1 | 1975     | 2159     | 2059     | 2064     | 4.45   | cps   |
| Vanadium   | 51-2  | 820      | 700      | 697      | 739      | 9.51   | cps   |
| Yttrium    | 89-1  | 7911398  | 7622675  | 7214502  | 7582858  | 4.62   | cps   |
| Yttrium    | 89-2  | 292754   | 292949   | 293079   | 292927   | 0.06   | cps   |
| Zinc       | 66-2  | 69423    | 70823    | 70846    | 70364    | 1.16   | cps   |
| Zirconium  | 90-1  | 767      | 700      | 850      | 772      | 9.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | 2ND-FLOOR-FOUNTAIN  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:53:55 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 150  | 92   | 128     | 24.69  | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : I4813-12 Instrumnet Name : P8  
 Client Sample ID : PRE-K-BATHROOM-A Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 15:57:01 DataFile Name : 056SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 108      | 133      | 103      | 32.77  | cps   |
| Antimony   | 121-1 | 4534     | 4718     | 5143     | 4798     | 6.51   | cps   |
| Arsenic    | 75-2  | 70       | 52       | 61       | 61       | 15.15  | cps   |
| Barium     | 135-1 | 145383   | 141137   | 142644   | 143055   | 1.50   | cps   |
| Barium     | 137-1 | 251918   | 250042   | 251950   | 251304   | 0.43   | cps   |
| Beryllium  | 9-1   | 106      | 94       | 139      | 113      | 20.47  | cps   |
| Bismuth    | 209-1 | 4762742  | 4764654  | 4703852  | 4743749  | 0.73   | cps   |
| Bismuth    | 209-2 | 1750466  | 1757114  | 1742224  | 1749934  | 0.43   | cps   |
| Boron      | 11-1  | 67326    | 67635    | 69025    | 67995    | 1.33   | cps   |
| Boron      | 10-1  | 14249    | 15192    | 15150    | 14864    | 3.58   | cps   |
| Cadmium    | 106-1 | 1617     | 1483     | 1567     | 1556     | 4.33   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 25       | 15       | 56.79  | cps   |
| Cadmium    | 111-1 | 1188     | 1121     | 1129     | 1146     | 3.20   | cps   |
| Calcium    | 43-1  | 1072344  | 1074744  | 1063530  | 1070206  | 0.55   | cps   |
| Calcium    | 44-1  | 17819262 | 17745254 | 17446324 | 17670280 | 1.12   | cps   |
| Chromium   | 52-2  | 1140     | 1163     | 1110     | 1138     | 2.35   | cps   |
| Cobalt     | 59-2  | 260      | 283      | 210      | 251      | 14.92  | cps   |
| Copper     | 63-2  | 790013   | 790036   | 786958   | 789002   | 0.22   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 33       | 39       | 44.62  | cps   |
| Dysprosium | 156-2 | 3        | 13       | 3        | 7        | 86.65  | cps   |
| Erbium     | 164-1 | 58       | 67       | 58       | 61       | 7.87   | cps   |
| Erbium     | 164-2 | 17       | 0        | 13       | 10       | 88.20  | cps   |
| Gadolinium | 160-1 | 158      | 100      | 83       | 114      | 34.58  | cps   |
| Gadolinium | 160-2 | 17       | 13       | 27       | 19       | 36.75  | cps   |
| Holmium    | 165-1 | 8069367  | 8082516  | 8020738  | 8057540  | 0.40   | cps   |
| Holmium    | 165-2 | 2262898  | 2270385  | 2266310  | 2266531  | 0.17   | cps   |
| Indium     | 115-1 | 7260886  | 7181155  | 7114284  | 7185441  | 1.02   | cps   |
| Indium     | 115-2 | 403694   | 402565   | 403165   | 403141   | 0.14   | cps   |
| Iron       | 56-2  | 136153   | 135103   | 136960   | 136072   | 0.68   | cps   |
| Iron       | 57-2  | 3423     | 3378     | 3467     | 3423     | 1.30   | cps   |
| Lead       | 206-1 | 2406     | 2700     | 2467     | 2524     | 6.16   | cps   |
| Lead       | 207-1 | 2156     | 2000     | 2100     | 2085     | 3.78   | cps   |
| Lead       | 208-1 | 9735     | 9757     | 9652     | 9715     | 0.57   | cps   |
| Lithium    | 6-1   | 1213379  | 1187752  | 1210666  | 1203932  | 1.17   | cps   |
| Magnesium  | 24-2  | 468722   | 471252   | 468435   | 469470   | 0.33   | cps   |
| Manganese  | 55-2  | 6488     | 6685     | 6418     | 6531     | 2.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | PRE-K-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:57:01 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 11948    | 11530    | 12114    | 11864    | 2.53   | cps   |
| Molybdenum | 94-1  | 4684     | 4451     | 4384     | 4507     | 3.50   | cps   |
| Molybdenum | 95-1  | 7144     | 7552     | 7077     | 7258     | 3.55   | cps   |
| Molybdenum | 96-1  | 7644     | 7736     | 7727     | 7703     | 0.66   | cps   |
| Molybdenum | 97-1  | 4759     | 4559     | 4493     | 4604     | 3.02   | cps   |
| Neodymium  | 150-1 | 33       | 20       | 7        | 20       | 66.65  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 16196    | 16009    | 15966    | 16057    | 0.76   | cps   |
| Phosphorus | 31-2  | 358      | 283      | 225      | 289      | 23.14  | cps   |
| Potassium  | 39-2  | 76425    | 74062    | 74380    | 74956    | 1.71   | cps   |
| Rhodium    | 103-1 | 6892724  | 6901436  | 6838385  | 6877515  | 0.50   | cps   |
| Rhodium    | 103-2 | 2148631  | 2138729  | 2143056  | 2143472  | 0.23   | cps   |
| Scandium   | 45-1  | 4699545  | 4724972  | 4648844  | 4691120  | 0.83   | cps   |
| Scandium   | 45-2  | 45139    | 43825    | 45263    | 44742    | 1.78   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 7        | 4        | 4        | 5        | 43.39  | cps   |
| Selenium   | 82-1  | -36      | -39      | -40      | -38      | -5.87  | cps   |
| Silicon    | 28-1  | 20720555 | 20747059 | 20586228 | 20684614 | 0.42   | cps   |
| Silver     | 109-1 | 1250     | 1534     | 1342     | 1375     | 10.52  | cps   |
| Silver     | 107-1 | 1550     | 1508     | 1659     | 1572     | 4.92   | cps   |
| Sodium     | 23-2  | 4170395  | 4192009  | 4200426  | 4187610  | 0.37   | cps   |
| Strontium  | 86-1  | 793298   | 789647   | 787479   | 790141   | 0.37   | cps   |
| Strontium  | 88-1  | 7049811  | 6951046  | 6816060  | 6938972  | 1.69   | cps   |
| Sulfur     | 34-1  | 1165674  | 1186465  | 1161030  | 1171056  | 1.16   | cps   |
| Terbium    | 159-1 | 8416328  | 8367700  | 8369290  | 8384439  | 0.33   | cps   |
| Terbium    | 159-2 | 2217557  | 2209924  | 2216800  | 2214761  | 0.19   | cps   |
| Thallium   | 203-1 | 67       | 67       | 58       | 64       | 7.53   | cps   |
| Thallium   | 205-1 | 133      | 158      | 192      | 161      | 18.17  | cps   |
| Tin        | 118-1 | 1667     | 1759     | 1584     | 1670     | 5.24   | cps   |
| Titanium   | 47-1  | 542      | 492      | 600      | 544      | 9.96   | cps   |
| Uranium    | 238-1 | 3342     | 3242     | 3109     | 3231     | 3.62   | cps   |
| Vanadium   | 51-2  | 950      | 1027     | 967      | 981      | 4.11   | cps   |
| Yttrium    | 89-1  | 7979093  | 7897339  | 7803016  | 7893150  | 1.12   | cps   |
| Yttrium    | 89-2  | 300909   | 301011   | 301329   | 301083   | 0.07   | cps   |
| Zinc       | 66-2  | 18339    | 18059    | 18282    | 18227    | 0.81   | cps   |
| Zirconium  | 90-1  | 850      | 700      | 842      | 797      | 10.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4813-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | PRE-K-BATHROOM-A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 15:57:01 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 125  | 142  | 147     | 17.29  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV030              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV030              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 16:00:08 | DataFile Name :   | 057CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 433199   | 433820   | 436769   | 434596   | 0.44   | cps   |
| Antimony   | 121-1 | 5012059  | 5058131  | 5026616  | 5032268  | 0.47   | cps   |
| Arsenic    | 75-2  | 71889    | 70908    | 71811    | 71536    | 0.76   | cps   |
| Barium     | 135-1 | 5280140  | 5392655  | 5351570  | 5341455  | 1.07   | cps   |
| Barium     | 137-1 | 9142636  | 9289161  | 9172987  | 9201594  | 0.84   | cps   |
| Beryllium  | 9-1   | 759122   | 772887   | 759974   | 763994   | 1.01   | cps   |
| Bismuth    | 209-1 | 4486490  | 4547363  | 4561126  | 4531660  | 0.88   | cps   |
| Bismuth    | 209-2 | 1565290  | 1583452  | 1579567  | 1576103  | 0.61   | cps   |
| Boron      | 11-1  | 413358   | 423429   | 426791   | 421193   | 1.66   | cps   |
| Boron      | 10-1  | 90913    | 92766    | 94032    | 92570    | 1.69   | cps   |
| Cadmium    | 106-1 | 112609   | 115486   | 115106   | 114400   | 1.37   | cps   |
| Cadmium    | 108-1 | 76512    | 77358    | 77764    | 77211    | 0.83   | cps   |
| Cadmium    | 111-1 | 1088631  | 1102027  | 1090493  | 1093717  | 0.66   | cps   |
| Calcium    | 43-1  | 6009862  | 5962509  | 5924087  | 5965486  | 0.72   | cps   |
| Calcium    | 44-1  | 97708611 | 98735123 | 97811504 | 98085079 | 0.58   | cps   |
| Chromium   | 52-2  | 609922   | 613890   | 609538   | 611117   | 0.39   | cps   |
| Cobalt     | 59-2  | 1251433  | 1245282  | 1248630  | 1248448  | 0.25   | cps   |
| Copper     | 63-2  | 2180157  | 2161193  | 2164106  | 2168485  | 0.47   | cps   |
| Dysprosium | 156-1 | 175      | 217      | 167      | 186      | 14.39  | cps   |
| Dysprosium | 156-2 | 43       | 40       | 17       | 33       | 43.58  | cps   |
| Erbium     | 164-1 | 83       | 150      | 83       | 106      | 36.46  | cps   |
| Erbium     | 164-2 | 23       | 20       | 13       | 19       | 26.96  | cps   |
| Gadolinium | 160-1 | 183      | 167      | 208      | 186      | 11.27  | cps   |
| Gadolinium | 160-2 | 50       | 47       | 47       | 48       | 4.02   | cps   |
| Holmium    | 165-1 | 7767539  | 7864182  | 7904925  | 7845549  | 0.90   | cps   |
| Holmium    | 165-2 | 2191368  | 2184967  | 2185890  | 2187408  | 0.16   | cps   |
| Indium     | 115-1 | 6607897  | 6673202  | 6683178  | 6654759  | 0.61   | cps   |
| Indium     | 115-2 | 365066   | 364288   | 365646   | 365000   | 0.19   | cps   |
| Iron       | 56-2  | 99356305 | 99212852 | 99196361 | 99255173 | 0.09   | cps   |
| Iron       | 57-2  | 2522549  | 2515719  | 2509825  | 2516031  | 0.25   | cps   |
| Lead       | 206-1 | 2821611  | 2827635  | 2827095  | 2825447  | 0.12   | cps   |
| Lead       | 207-1 | 2533639  | 2625530  | 2630432  | 2596534  | 2.10   | cps   |
| Lead       | 208-1 | 11382161 | 11584015 | 11614926 | 11527034 | 1.10   | cps   |
| Lithium    | 6-1   | 1102067  | 1132086  | 1128947  | 1121033  | 1.47   | cps   |
| Magnesium  | 24-2  | 10516551 | 10526338 | 10564033 | 10535641 | 0.24   | cps   |
| Manganese  | 55-2  | 344307   | 347040   | 346622   | 345990   | 0.43   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV030              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV030              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 16:00:08 | DataFile Name :   | 057CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3679844  | 3774955  | 3761944  | 3738914  | 1.38   | cps   |
| Molybdenum | 94-1  | 4261995  | 4326180  | 4298304  | 4295493  | 0.75   | cps   |
| Molybdenum | 95-1  | 2361432  | 2403118  | 2350130  | 2371560  | 1.18   | cps   |
| Molybdenum | 96-1  | 2996193  | 3066583  | 3044697  | 3035824  | 1.19   | cps   |
| Molybdenum | 97-1  | 1418502  | 1453156  | 1451426  | 1441028  | 1.36   | cps   |
| Neodymium  | 150-1 | 247      | 373      | 320      | 313      | 20.30  | cps   |
| Neodymium  | 150-2 | 37       | 37       | 27       | 33       | 17.32  | cps   |
| Nickel     | 60-2  | 361575   | 359432   | 360152   | 360387   | 0.30   | cps   |
| Phosphorus | 31-2  | 6202     | 6185     | 6318     | 6235     | 1.17   | cps   |
| Potassium  | 39-2  | 3259781  | 3331643  | 3266986  | 3286137  | 1.20   | cps   |
| Rhodium    | 103-1 | 6189155  | 6240886  | 6351672  | 6260571  | 1.33   | cps   |
| Rhodium    | 103-2 | 1905905  | 1901653  | 1914380  | 1907313  | 0.34   | cps   |
| Scandium   | 45-1  | 4416752  | 4422913  | 4392360  | 4410675  | 0.37   | cps   |
| Scandium   | 45-2  | 41665    | 42498    | 42608    | 42257    | 1.22   | cps   |
| Selenium   | 77-2  | 547      | 607      | 527      | 560      | 7.43   | cps   |
| Selenium   | 78-2  | 1769     | 1819     | 1763     | 1783     | 1.72   | cps   |
| Selenium   | 82-1  | 69646    | 69832    | 69999    | 69826    | 0.25   | cps   |
| Silicon    | 28-1  | 2696367  | 2693724  | 2700092  | 2696728  | 0.12   | cps   |
| Silver     | 109-1 | 5289893  | 5332448  | 5255919  | 5292753  | 0.72   | cps   |
| Silver     | 107-1 | 5416674  | 5511768  | 5528469  | 5485637  | 1.10   | cps   |
| Sodium     | 23-2  | 26115102 | 26072852 | 26214258 | 26134071 | 0.28   | cps   |
| Strontium  | 86-1  | 1550446  | 1541028  | 1523384  | 1538286  | 0.89   | cps   |
| Strontium  | 88-1  | 13114833 | 13165371 | 13068065 | 13116090 | 0.37   | cps   |
| Sulfur     | 34-1  | 790640   | 790877   | 782735   | 788084   | 0.59   | cps   |
| Terbium    | 159-1 | 8053584  | 8231555  | 8289336  | 8191492  | 1.50   | cps   |
| Terbium    | 159-2 | 2134052  | 2096022  | 2104819  | 2111631  | 0.94   | cps   |
| Thallium   | 203-1 | 3501207  | 3528280  | 3508192  | 3512560  | 0.40   | cps   |
| Thallium   | 205-1 | 8130300  | 8199054  | 8156094  | 8161816  | 0.43   | cps   |
| Tin        | 118-1 | 3626867  | 3638875  | 3591056  | 3618932  | 0.69   | cps   |
| Titanium   | 47-1  | 649258   | 653618   | 654867   | 652581   | 0.45   | cps   |
| Uranium    | 238-1 | 10781805 | 10889770 | 11011100 | 10894225 | 1.05   | cps   |
| Vanadium   | 51-2  | 455703   | 457833   | 458238   | 457258   | 0.30   | cps   |
| Yttrium    | 89-1  | 7361168  | 7469196  | 7493206  | 7441190  | 0.95   | cps   |
| Yttrium    | 89-2  | 280636   | 280217   | 281320   | 280724   | 0.20   | cps   |
| Zinc       | 66-2  | 193848   | 195655   | 195984   | 195162   | 0.59   | cps   |
| Zirconium  | 90-1  | 8240907  | 8333644  | 8158988  | 8244513  | 1.06   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV030              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV030              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 16:00:08 | DataFile Name :   | 057CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1835946 | 1846014 | 1844186 | 1842049 | 0.29   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB030 Instrumnet Name : P8  
 Client Sample ID : CCB030 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 16:03:06 DataFile Name : 058CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Antimony   | 121-1 | 2975    | 2709    | 2750    | 2812    | 5.10   | cps   |
| Arsenic    | 75-2  | 0       | 6       | 7       | 4       | 89.21  | cps   |
| Barium     | 135-1 | 167     | 42      | 92      | 100     | 62.92  | cps   |
| Barium     | 137-1 | 258     | 150     | 117     | 175     | 42.32  | cps   |
| Beryllium  | 9-1   | 233     | 217     | 283     | 244     | 14.19  | cps   |
| Bismuth    | 209-1 | 4796733 | 4699826 | 4757162 | 4751240 | 1.03   | cps   |
| Bismuth    | 209-2 | 1676732 | 1679115 | 1664490 | 1673446 | 0.47   | cps   |
| Boron      | 11-1  | 15133   | 13707   | 13140   | 13993   | 7.34   | cps   |
| Boron      | 10-1  | 3117    | 3084    | 2509    | 2903    | 11.78  | cps   |
| Cadmium    | 106-1 | 1659    | 1617    | 1675    | 1650    | 1.82   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 8       | 13      | 33.36  | cps   |
| Cadmium    | 111-1 | 1223    | 1183    | 1217    | 1207    | 1.80   | cps   |
| Calcium    | 43-1  | 2492    | 2459    | 2275    | 2409    | 4.84   | cps   |
| Calcium    | 44-1  | 52641   | 52826   | 51830   | 52432   | 1.01   | cps   |
| Chromium   | 52-2  | 917     | 1180    | 1173    | 1090    | 13.78  | cps   |
| Cobalt     | 59-2  | 27      | 33      | 30      | 30      | 11.10  | cps   |
| Copper     | 63-2  | 627     | 583     | 670     | 627     | 6.91   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 25      | 25      | 31      | 31.50  | cps   |
| Erbium     | 164-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 75      | 100     | 50      | 75      | 33.33  | cps   |
| Gadolinium | 160-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Holmium    | 165-1 | 7764277 | 7728294 | 7760647 | 7751073 | 0.26   | cps   |
| Holmium    | 165-2 | 2188684 | 2176895 | 2181015 | 2182198 | 0.27   | cps   |
| Indium     | 115-1 | 6952402 | 7005067 | 6894270 | 6950580 | 0.80   | cps   |
| Indium     | 115-2 | 383418  | 385875  | 382908  | 384067  | 0.41   | cps   |
| Iron       | 56-2  | 2923    | 2917    | 2945    | 2928    | 0.50   | cps   |
| Iron       | 57-2  | 67      | 78      | 67      | 70      | 9.11   | cps   |
| Lead       | 206-1 | 511     | 556     | 606     | 557     | 8.48   | cps   |
| Lead       | 207-1 | 467     | 556     | 494     | 506     | 9.00   | cps   |
| Lead       | 208-1 | 2267    | 2361    | 2361    | 2330    | 2.34   | cps   |
| Lithium    | 6-1   | 1181041 | 1154406 | 1155266 | 1163571 | 1.30   | cps   |
| Magnesium  | 24-2  | 200     | 242     | 217     | 219     | 9.56   | cps   |
| Manganese  | 55-2  | 53      | 70      | 57      | 60      | 14.70  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB030              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB030              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 16:03:06 | DataFile Name :   | 058CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 592     | 467     | 392     | 483     | 20.90  | cps   |
| Molybdenum | 94-1  | 775     | 542     | 533     | 617     | 22.25  | cps   |
| Molybdenum | 95-1  | 375     | 300     | 283     | 319     | 15.29  | cps   |
| Molybdenum | 96-1  | 442     | 458     | 400     | 433     | 6.93   | cps   |
| Molybdenum | 97-1  | 267     | 408     | 183     | 286     | 39.76  | cps   |
| Neodymium  | 150-1 | 13      | 33      | 0       | 16      | 107.86 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 100     | 93      | 80      | 91      | 11.18  | cps   |
| Phosphorus | 31-2  | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 4084    | 3734    | 3792    | 3870    | 4.85   | cps   |
| Rhodium    | 103-1 | 6691906 | 6635804 | 6512498 | 6613402 | 1.39   | cps   |
| Rhodium    | 103-2 | 2063458 | 2060653 | 2065401 | 2063170 | 0.12   | cps   |
| Scandium   | 45-1  | 4350791 | 4422625 | 4359864 | 4377760 | 0.89   | cps   |
| Scandium   | 45-2  | 41672   | 42337   | 41882   | 41964   | 0.81   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 0       | 4       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | -4      | -61     | -87     | -51     | -84.27 | cps   |
| Silicon    | 28-1  | 412592  | 414243  | 408093  | 411642  | 0.77   | cps   |
| Silver     | 109-1 | 708     | 558     | 550     | 606     | 14.71  | cps   |
| Silver     | 107-1 | 708     | 592     | 650     | 650     | 8.97   | cps   |
| Sodium     | 23-2  | 9945    | 9962    | 9412    | 9773    | 3.20   | cps   |
| Strontium  | 86-1  | 850     | 842     | 858     | 850     | 0.98   | cps   |
| Strontium  | 88-1  | 417     | 417     | 325     | 386     | 13.71  | cps   |
| Sulfur     | 34-1  | 392922  | 394863  | 389132  | 392306  | 0.74   | cps   |
| Terbium    | 159-1 | 8208798 | 8224212 | 8159463 | 8197491 | 0.41   | cps   |
| Terbium    | 159-2 | 2125292 | 2109589 | 2114257 | 2116379 | 0.38   | cps   |
| Thallium   | 203-1 | 417     | 367     | 467     | 417     | 12.00  | cps   |
| Thallium   | 205-1 | 925     | 1008    | 833     | 922     | 9.49   | cps   |
| Tin        | 118-1 | 1900    | 1634    | 2756    | 2096    | 27.96  | cps   |
| Titanium   | 47-1  | 175     | 183     | 142     | 167     | 13.23  | cps   |
| Uranium    | 238-1 | 317     | 167     | 158     | 214     | 41.66  | cps   |
| Vanadium   | 51-2  | 10      | 20      | 17      | 16      | 32.73  | cps   |
| Yttrium    | 89-1  | 7406383 | 7401648 | 7380207 | 7396079 | 0.19   | cps   |
| Yttrium    | 89-2  | 281980  | 283891  | 281083  | 282318  | 0.51   | cps   |
| Zinc       | 66-2  | 107     | 80      | 80      | 89      | 17.32  | cps   |
| Zirconium  | 90-1  | 1358    | 1442    | 1442    | 1414    | 3.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB030              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB030              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 16:03:06 | DataFile Name :   | 058CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 292  | 200  | 294     | 32.56  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV031              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV031              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 17:59:05 | DataFile Name :   | 059CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 451374   | 445712   | 445725   | 447604   | 0.73   | cps   |
| Antimony   | 121-1 | 4961548  | 4963894  | 5004424  | 4976622  | 0.48   | cps   |
| Arsenic    | 75-2  | 70960    | 70462    | 70346    | 70589    | 0.46   | cps   |
| Barium     | 135-1 | 5229349  | 5280732  | 5304621  | 5271567  | 0.73   | cps   |
| Barium     | 137-1 | 9016742  | 8949639  | 9103510  | 9023297  | 0.85   | cps   |
| Beryllium  | 9-1   | 809094   | 806165   | 802760   | 806006   | 0.39   | cps   |
| Bismuth    | 209-1 | 4424804  | 4513623  | 4528211  | 4488879  | 1.25   | cps   |
| Bismuth    | 209-2 | 1555345  | 1530531  | 1525661  | 1537179  | 1.04   | cps   |
| Boron      | 11-1  | 431367   | 436008   | 443230   | 436868   | 1.37   | cps   |
| Boron      | 10-1  | 92900    | 96373    | 93613    | 94295    | 1.95   | cps   |
| Cadmium    | 106-1 | 111961   | 113348   | 113415   | 112908   | 0.73   | cps   |
| Cadmium    | 108-1 | 77286    | 75825    | 76822    | 76644    | 0.97   | cps   |
| Cadmium    | 111-1 | 1064304  | 1067944  | 1072907  | 1068385  | 0.40   | cps   |
| Calcium    | 43-1  | 5851989  | 5915886  | 5847796  | 5871891  | 0.65   | cps   |
| Calcium    | 44-1  | 96665615 | 97254371 | 95876771 | 96598919 | 0.72   | cps   |
| Chromium   | 52-2  | 610825   | 602850   | 601196   | 604957   | 0.85   | cps   |
| Cobalt     | 59-2  | 1242895  | 1222281  | 1233856  | 1233011  | 0.84   | cps   |
| Copper     | 63-2  | 2146481  | 2133491  | 2098717  | 2126230  | 1.16   | cps   |
| Dysprosium | 156-1 | 167      | 217      | 225      | 203      | 15.56  | cps   |
| Dysprosium | 156-2 | 50       | 57       | 37       | 48       | 21.31  | cps   |
| Erbium     | 164-1 | 67       | 67       | 117      | 83       | 34.64  | cps   |
| Erbium     | 164-2 | 17       | 30       | 17       | 21       | 36.45  | cps   |
| Gadolinium | 160-1 | 150      | 175      | 175      | 167      | 8.66   | cps   |
| Gadolinium | 160-2 | 40       | 40       | 80       | 53       | 43.30  | cps   |
| Holmium    | 165-1 | 7744169  | 7802863  | 7924731  | 7823921  | 1.18   | cps   |
| Holmium    | 165-2 | 2171781  | 2107623  | 2117972  | 2132459  | 1.62   | cps   |
| Indium     | 115-1 | 6604290  | 6584303  | 6702100  | 6630231  | 0.95   | cps   |
| Indium     | 115-2 | 363760   | 357618   | 356626   | 359335   | 1.08   | cps   |
| Iron       | 56-2  | 99570691 | 97344091 | 97393613 | 98102798 | 1.30   | cps   |
| Iron       | 57-2  | 2518585  | 2476040  | 2511688  | 2502104  | 0.91   | cps   |
| Lead       | 206-1 | 2765207  | 2784431  | 2757985  | 2769208  | 0.49   | cps   |
| Lead       | 207-1 | 2568492  | 2581892  | 2568622  | 2573002  | 0.30   | cps   |
| Lead       | 208-1 | 11254926 | 11339573 | 11279786 | 11291428 | 0.39   | cps   |
| Lithium    | 6-1   | 1161774  | 1157730  | 1200543  | 1173349  | 2.01   | cps   |
| Magnesium  | 24-2  | 10773476 | 10552585 | 10558477 | 10628179 | 1.18   | cps   |
| Manganese  | 55-2  | 349455   | 341436   | 341082   | 343991   | 1.38   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV031              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV031              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 17:59:05 | DataFile Name :   | 059CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3671317  | 3679098  | 3664105  | 3671506  | 0.20   | cps   |
| Molybdenum | 94-1  | 4243382  | 4260073  | 4219253  | 4240903  | 0.48   | cps   |
| Molybdenum | 95-1  | 2323828  | 2334132  | 2325012  | 2327657  | 0.24   | cps   |
| Molybdenum | 96-1  | 2972978  | 2966309  | 2960040  | 2966442  | 0.22   | cps   |
| Molybdenum | 97-1  | 1433287  | 1416726  | 1427981  | 1425998  | 0.59   | cps   |
| Neodymium  | 150-1 | 287      | 300      | 433      | 340      | 23.86  | cps   |
| Neodymium  | 150-2 | 30       | 33       | 43       | 36       | 19.51  | cps   |
| Nickel     | 60-2  | 356828   | 353387   | 353022   | 354412   | 0.59   | cps   |
| Phosphorus | 31-2  | 6468     | 7319     | 6360     | 6716     | 7.82   | cps   |
| Potassium  | 39-2  | 3340910  | 3300984  | 3244690  | 3295528  | 1.47   | cps   |
| Rhodium    | 103-1 | 6178910  | 6270184  | 6299033  | 6249376  | 1.00   | cps   |
| Rhodium    | 103-2 | 1908441  | 1863033  | 1855704  | 1875726  | 1.52   | cps   |
| Scandium   | 45-1  | 4348449  | 4429609  | 4452541  | 4410200  | 1.24   | cps   |
| Scandium   | 45-2  | 42681    | 42190    | 42247    | 42373    | 0.63   | cps   |
| Selenium   | 77-2  | 483      | 483      | 487      | 484      | 0.40   | cps   |
| Selenium   | 78-2  | 1778     | 1780     | 1769     | 1775     | 0.34   | cps   |
| Selenium   | 82-1  | 68508    | 68650    | 68578    | 68579    | 0.10   | cps   |
| Silicon    | 28-1  | 2681226  | 2700910  | 2707424  | 2696520  | 0.51   | cps   |
| Silver     | 109-1 | 5156666  | 5194181  | 5188865  | 5179904  | 0.39   | cps   |
| Silver     | 107-1 | 5409835  | 5373585  | 5388741  | 5390720  | 0.34   | cps   |
| Sodium     | 23-2  | 26688858 | 26203473 | 26095364 | 26329231 | 1.20   | cps   |
| Strontium  | 86-1  | 1499532  | 1526805  | 1508097  | 1511478  | 0.92   | cps   |
| Strontium  | 88-1  | 12968636 | 12944300 | 12910915 | 12941284 | 0.22   | cps   |
| Sulfur     | 34-1  | 828160   | 826227   | 827700   | 827362   | 0.12   | cps   |
| Terbium    | 159-1 | 8128237  | 8118664  | 8260098  | 8169000  | 0.97   | cps   |
| Terbium    | 159-2 | 2089310  | 2020680  | 2032010  | 2047333  | 1.80   | cps   |
| Thallium   | 203-1 | 3429697  | 3454722  | 3482386  | 3455601  | 0.76   | cps   |
| Thallium   | 205-1 | 8044651  | 8048087  | 8120277  | 8071005  | 0.53   | cps   |
| Tin        | 118-1 | 3555138  | 3545658  | 3528584  | 3543127  | 0.38   | cps   |
| Titanium   | 47-1  | 645653   | 643297   | 651569   | 646840   | 0.66   | cps   |
| Uranium    | 238-1 | 10603691 | 10825897 | 10904896 | 10778161 | 1.45   | cps   |
| Vanadium   | 51-2  | 458985   | 450496   | 449735   | 453072   | 1.13   | cps   |
| Yttrium    | 89-1  | 7348707  | 7411197  | 7434314  | 7398073  | 0.60   | cps   |
| Yttrium    | 89-2  | 282802   | 276181   | 275245   | 278076   | 1.48   | cps   |
| Zinc       | 66-2  | 193908   | 193532   | 191448   | 192963   | 0.69   | cps   |
| Zirconium  | 90-1  | 8037613  | 8031899  | 8062477  | 8043997  | 0.20   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV031              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV031              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 17:59:05 | DataFile Name :   | 059CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1822262 | 1838341 | 1799877 | 1820160 | 1.06   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB031              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB031              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:02:03 | DataFile Name :   | 060CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 25      | 17      | 22      | 21.64  | cps   |
| Antimony   | 121-1 | 2342    | 2409    | 2434    | 2395    | 1.98   | cps   |
| Arsenic    | 75-2  | 9       | 6       | 11      | 9       | 32.69  | cps   |
| Barium     | 135-1 | 33      | 50      | 33      | 39      | 24.75  | cps   |
| Barium     | 137-1 | 50      | 117     | 92      | 86      | 39.11  | cps   |
| Beryllium  | 9-1   | 256     | 167     | 156     | 193     | 28.46  | cps   |
| Bismuth    | 209-1 | 4686779 | 4694963 | 4712132 | 4697958 | 0.28   | cps   |
| Bismuth    | 209-2 | 1633472 | 1620178 | 1632802 | 1628818 | 0.46   | cps   |
| Boron      | 11-1  | 9529    | 9278    | 8711    | 9173    | 4.56   | cps   |
| Boron      | 10-1  | 1992    | 2225    | 1850    | 2022    | 9.36   | cps   |
| Cadmium    | 106-1 | 1675    | 1592    | 1475    | 1581    | 6.36   | cps   |
| Cadmium    | 108-1 | 8       | 13      | 4       | 8       | 49.98  | cps   |
| Cadmium    | 111-1 | 1188    | 1143    | 1080    | 1137    | 4.77   | cps   |
| Calcium    | 43-1  | 2742    | 2667    | 2717    | 2709    | 1.41   | cps   |
| Calcium    | 44-1  | 51144   | 51178   | 51563   | 51295   | 0.45   | cps   |
| Chromium   | 52-2  | 1040    | 997     | 997     | 1011    | 2.47   | cps   |
| Cobalt     | 59-2  | 40      | 50      | 67      | 52      | 25.80  | cps   |
| Copper     | 63-2  | 303     | 300     | 317     | 307     | 2.88   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 25      | 42      | 39      | 32.73  | cps   |
| Erbium     | 164-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Gadolinium | 160-1 | 83      | 50      | 83      | 72      | 26.65  | cps   |
| Gadolinium | 160-2 | 13      | 20      | 7       | 13      | 49.99  | cps   |
| Holmium    | 165-1 | 7667142 | 7719904 | 7722575 | 7703207 | 0.41   | cps   |
| Holmium    | 165-2 | 2127433 | 2128640 | 2111846 | 2122640 | 0.44   | cps   |
| Indium     | 115-1 | 6822919 | 6889371 | 6820184 | 6844158 | 0.57   | cps   |
| Indium     | 115-2 | 383909  | 380230  | 381748  | 381963  | 0.48   | cps   |
| Iron       | 56-2  | 2912    | 2889    | 2739    | 2847    | 3.29   | cps   |
| Iron       | 57-2  | 117     | 106     | 100     | 107     | 7.90   | cps   |
| Lead       | 206-1 | 600     | 733     | 617     | 650     | 11.18  | cps   |
| Lead       | 207-1 | 639     | 556     | 556     | 583     | 8.25   | cps   |
| Lead       | 208-1 | 2517    | 2545    | 2311    | 2458    | 5.19   | cps   |
| Lithium    | 6-1   | 1166996 | 1200060 | 1198418 | 1188492 | 1.57   | cps   |
| Magnesium  | 24-2  | 150     | 233     | 183     | 189     | 22.21  | cps   |
| Manganese  | 55-2  | 93      | 43      | 60      | 66      | 38.84  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB031              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB031              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:02:03 | DataFile Name :   | 060CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 450     | 392     | 300     | 381     | 19.87   | cps   |
| Molybdenum | 94-1  | 592     | 600     | 525     | 572     | 7.18    | cps   |
| Molybdenum | 95-1  | 308     | 217     | 225     | 250     | 20.28   | cps   |
| Molybdenum | 96-1  | 308     | 317     | 358     | 328     | 8.17    | cps   |
| Molybdenum | 97-1  | 233     | 167     | 100     | 167     | 40.00   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 133     | 107     | 147     | 129     | 15.80   | cps   |
| Phosphorus | 31-2  | 33      | 0       | 17      | 17      | 99.99   | cps   |
| Potassium  | 39-2  | 3934    | 4217    | 3884    | 4012    | 4.48    | cps   |
| Rhodium    | 103-1 | 6574745 | 6657714 | 6609103 | 6613854 | 0.63    | cps   |
| Rhodium    | 103-2 | 2038230 | 1996837 | 2001922 | 2012329 | 1.12    | cps   |
| Scandium   | 45-1  | 4343365 | 4394889 | 4374351 | 4370868 | 0.59    | cps   |
| Scandium   | 45-2  | 42768   | 41839   | 42638   | 42415   | 1.19    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 4       | 4       | 0       | 2       | 86.60   | cps   |
| Selenium   | 82-1  | 16      | -15     | -49     | -16     | -201.60 | cps   |
| Silicon    | 28-1  | 421249  | 418503  | 420919  | 420224  | 0.36    | cps   |
| Silver     | 109-1 | 250     | 250     | 333     | 278     | 17.32   | cps   |
| Silver     | 107-1 | 300     | 242     | 242     | 261     | 12.90   | cps   |
| Sodium     | 23-2  | 9654    | 9637    | 9354    | 9548    | 1.77    | cps   |
| Strontium  | 86-1  | 900     | 850     | 1050    | 933     | 11.15   | cps   |
| Strontium  | 88-1  | 400     | 433     | 408     | 414     | 4.19    | cps   |
| Sulfur     | 34-1  | 410357  | 413884  | 412985  | 412409  | 0.44    | cps   |
| Terbium    | 159-1 | 8062671 | 7924020 | 8017455 | 8001382 | 0.88    | cps   |
| Terbium    | 159-2 | 2067262 | 2076698 | 2044242 | 2062734 | 0.81    | cps   |
| Thallium   | 203-1 | 1117    | 1083    | 775     | 992     | 19.00   | cps   |
| Thallium   | 205-1 | 2725    | 2325    | 1825    | 2292    | 19.68   | cps   |
| Tin        | 118-1 | 1325    | 1350    | 1492    | 1389    | 6.47    | cps   |
| Titanium   | 47-1  | 167     | 158     | 192     | 172     | 10.07   | cps   |
| Uranium    | 238-1 | 83      | 100     | 100     | 94      | 10.19   | cps   |
| Vanadium   | 51-2  | 13      | 17      | 7       | 12      | 41.65   | cps   |
| Yttrium    | 89-1  | 7284413 | 7345344 | 7384903 | 7338220 | 0.69    | cps   |
| Yttrium    | 89-2  | 282028  | 282696  | 280720  | 281815  | 0.36    | cps   |
| Zinc       | 66-2  | 100     | 107     | 87      | 98      | 10.41   | cps   |
| Zirconium  | 90-1  | 1150    | 1050    | 1158    | 1120    | 5.39    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB031              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB031              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:02:03 | DataFile Name :   | 060CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 192  | 225  | 214     | 9.00   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : PB101614BL Instrumnet Name : P8  
 Client Sample ID : PBW007 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 18:05:11 DataFile Name : 061CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 33      | 8       | 22      | 57.30  | cps   |
| Antimony   | 121-1 | 567     | 800     | 675     | 681     | 17.16  | cps   |
| Arsenic    | 75-2  | 4       | 0       | 4       | 2       | 86.60  | cps   |
| Barium     | 135-1 | 33      | 67      | 17      | 39      | 65.47  | cps   |
| Barium     | 137-1 | 125     | 75      | 75      | 92      | 31.50  | cps   |
| Beryllium  | 9-1   | 161     | 100     | 150     | 137     | 23.76  | cps   |
| Bismuth    | 209-1 | 4394995 | 4555929 | 4382844 | 4444589 | 2.17   | cps   |
| Bismuth    | 209-2 | 1522133 | 1567891 | 1587965 | 1559330 | 2.16   | cps   |
| Boron      | 11-1  | 4618    | 4351    | 4718    | 4562    | 4.16   | cps   |
| Boron      | 10-1  | 1100    | 1125    | 833     | 1020    | 15.86  | cps   |
| Cadmium    | 106-1 | 1200    | 1500    | 1475    | 1392    | 11.96  | cps   |
| Cadmium    | 108-1 | 8       | 21      | 21      | 17      | 43.31  | cps   |
| Cadmium    | 111-1 | 847     | 1052    | 1039    | 979     | 11.74  | cps   |
| Calcium    | 43-1  | 2809    | 2867    | 2475    | 2717    | 7.78   | cps   |
| Calcium    | 44-1  | 48518   | 48434   | 48627   | 48526   | 0.20   | cps   |
| Chromium   | 52-2  | 930     | 927     | 1047    | 968     | 7.06   | cps   |
| Cobalt     | 59-2  | 30      | 40      | 67      | 46      | 41.61  | cps   |
| Copper     | 63-2  | 253     | 270     | 227     | 250     | 8.74   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 17      | 0       | 3       | 7       | 132.33 | cps   |
| Gadolinium | 160-1 | 58      | 58      | 50      | 56      | 8.67   | cps   |
| Gadolinium | 160-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Holmium    | 165-1 | 7179210 | 7474090 | 7167782 | 7273694 | 2.39   | cps   |
| Holmium    | 165-2 | 2005710 | 2055788 | 2069934 | 2043811 | 1.65   | cps   |
| Indium     | 115-1 | 6446615 | 6607192 | 6480976 | 6511594 | 1.30   | cps   |
| Indium     | 115-2 | 359820  | 364320  | 371536  | 365225  | 1.62   | cps   |
| Iron       | 56-2  | 2611    | 2811    | 2567    | 2663    | 4.89   | cps   |
| Iron       | 57-2  | 72      | 106     | 83      | 87      | 19.50  | cps   |
| Lead       | 206-1 | 472     | 550     | 550     | 524     | 8.57   | cps   |
| Lead       | 207-1 | 367     | 517     | 483     | 456     | 17.29  | cps   |
| Lead       | 208-1 | 1939    | 2278    | 2100    | 2106    | 8.05   | cps   |
| Lithium    | 6-1   | 1117394 | 1143054 | 1113303 | 1124583 | 1.43   | cps   |
| Magnesium  | 24-2  | 150     | 125     | 258     | 178     | 39.87  | cps   |
| Manganese  | 55-2  | 30      | 57      | 47      | 44      | 30.31  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:05:11 | DataFile Name :   | 061CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 133     | 108     | 108     | 117     | 12.37  | cps   |
| Molybdenum | 94-1  | 333     | 308     | 408     | 350     | 14.87  | cps   |
| Molybdenum | 95-1  | 83      | 58      | 42      | 61      | 34.32  | cps   |
| Molybdenum | 96-1  | 217     | 233     | 142     | 197     | 24.76  | cps   |
| Molybdenum | 97-1  | 108     | 100     | 133     | 114     | 15.23  | cps   |
| Neodymium  | 150-1 | 27      | 20      | 7       | 18      | 57.27  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 117     | 83      | 107     | 102     | 16.73  | cps   |
| Phosphorus | 31-2  | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 4001    | 3526    | 3651    | 3726    | 6.61   | cps   |
| Rhodium    | 103-1 | 6235335 | 6386802 | 6125207 | 6249115 | 2.10   | cps   |
| Rhodium    | 103-2 | 1894628 | 1954852 | 1955679 | 1935053 | 1.81   | cps   |
| Scandium   | 45-1  | 4173253 | 4266422 | 4145280 | 4194985 | 1.51   | cps   |
| Scandium   | 45-2  | 40562   | 41294   | 42240   | 41365   | 2.03   | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 6       | 7       | 6       | 33.38  | cps   |
| Selenium   | 82-1  | 0       | -85     | -126    | -70     | -91.01 | cps   |
| Silicon    | 28-1  | 413183  | 412843  | 409781  | 411936  | 0.45   | cps   |
| Silver     | 109-1 | 150     | 100     | 158     | 136     | 23.18  | cps   |
| Silver     | 107-1 | 108     | 200     | 133     | 147     | 32.19  | cps   |
| Sodium     | 23-2  | 7652    | 8495    | 7828    | 7992    | 5.56   | cps   |
| Strontium  | 86-1  | 658     | 792     | 775     | 742     | 9.80   | cps   |
| Strontium  | 88-1  | 200     | 258     | 192     | 217     | 16.77  | cps   |
| Sulfur     | 34-1  | 416528  | 416839  | 410774  | 414713  | 0.82   | cps   |
| Terbium    | 159-1 | 7516513 | 7797216 | 7400265 | 7571331 | 2.70   | cps   |
| Terbium    | 159-2 | 1944228 | 2004042 | 2028881 | 1992384 | 2.18   | cps   |
| Thallium   | 203-1 | 292     | 333     | 342     | 322     | 8.31   | cps   |
| Thallium   | 205-1 | 575     | 850     | 525     | 650     | 26.92  | cps   |
| Tin        | 118-1 | 1150    | 1125    | 1042    | 1106    | 5.13   | cps   |
| Titanium   | 47-1  | 125     | 183     | 167     | 158     | 18.97  | cps   |
| Uranium    | 238-1 | 67      | 42      | 58      | 56      | 22.91  | cps   |
| Vanadium   | 51-2  | 0       | 13      | 13      | 9       | 86.60  | cps   |
| Yttrium    | 89-1  | 6921387 | 7260345 | 6969004 | 7050246 | 2.60   | cps   |
| Yttrium    | 89-2  | 266111  | 269887  | 275798  | 270599  | 1.80   | cps   |
| Zinc       | 66-2  | 67      | 30      | 50      | 49      | 37.55  | cps   |
| Zirconium  | 90-1  | 967     | 942     | 925     | 945     | 2.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:05:11 | DataFile Name :   | 061CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 200  | 175  | 186     | 6.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:08:18 | DataFile Name :   | 062LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 408     | 408     | 425     | 414     | 2.33   | cps   |
| Antimony   | 121-1 | 38599   | 38314   | 37562   | 38158   | 1.40   | cps   |
| Arsenic    | 75-2  | 319     | 304     | 311     | 311     | 2.38   | cps   |
| Barium     | 135-1 | 36994   | 38306   | 37838   | 37713   | 1.76   | cps   |
| Barium     | 137-1 | 66191   | 68486   | 66786   | 67155   | 1.77   | cps   |
| Beryllium  | 9-1   | 3189    | 3189    | 3206    | 3195    | 0.30   | cps   |
| Bismuth    | 209-1 | 4335388 | 4543719 | 4534388 | 4471165 | 2.63   | cps   |
| Bismuth    | 209-2 | 1633735 | 1628184 | 1638429 | 1633449 | 0.31   | cps   |
| Boron      | 11-1  | 40165   | 41469   | 42472   | 41369   | 2.80   | cps   |
| Boron      | 10-1  | 8720    | 8962    | 8770    | 8817    | 1.45   | cps   |
| Cadmium    | 106-1 | 1725    | 1875    | 2059    | 1886    | 8.85   | cps   |
| Cadmium    | 108-1 | 350     | 296     | 321     | 322     | 8.41   | cps   |
| Cadmium    | 111-1 | 5268    | 5265    | 5455    | 5329    | 2.04   | cps   |
| Calcium    | 43-1  | 24689   | 25132   | 25031   | 24951   | 0.93   | cps   |
| Calcium    | 44-1  | 418822  | 422266  | 419758  | 420282  | 0.42   | cps   |
| Chromium   | 52-2  | 6001    | 6038    | 6008    | 6016    | 0.32   | cps   |
| Cobalt     | 59-2  | 5268    | 5041    | 5111    | 5140    | 2.26   | cps   |
| Copper     | 63-2  | 9674    | 9420    | 9553    | 9549    | 1.33   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 50      | 83      | 64      | 27.15  | cps   |
| Erbium     | 164-2 | 10      | 7       | 7       | 8       | 24.71  | cps   |
| Gadolinium | 160-1 | 67      | 92      | 108     | 89      | 23.59  | cps   |
| Gadolinium | 160-2 | 3       | 17      | 17      | 12      | 63.01  | cps   |
| Holmium    | 165-1 | 7071552 | 7608224 | 7505135 | 7394970 | 3.85   | cps   |
| Holmium    | 165-2 | 2163955 | 2171194 | 2179017 | 2171389 | 0.35   | cps   |
| Indium     | 115-1 | 6366760 | 6781417 | 6805002 | 6651060 | 3.71   | cps   |
| Indium     | 115-2 | 387360  | 388544  | 388393  | 388099  | 0.17   | cps   |
| Iron       | 56-2  | 318906  | 312216  | 316327  | 315816  | 1.07   | cps   |
| Iron       | 57-2  | 8414    | 7713    | 7841    | 7990    | 4.67   | cps   |
| Lead       | 206-1 | 12401   | 12262   | 12412   | 12358   | 0.68   | cps   |
| Lead       | 207-1 | 11139   | 11255   | 11366   | 11253   | 1.01   | cps   |
| Lead       | 208-1 | 50374   | 50647   | 50318   | 50446   | 0.35   | cps   |
| Lithium    | 6-1   | 1090770 | 1167562 | 1177411 | 1145248 | 4.14   | cps   |
| Magnesium  | 24-2  | 40692   | 41161   | 41670   | 41174   | 1.19   | cps   |
| Manganese  | 55-2  | 747     | 710     | 800     | 752     | 6.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:08:18 | DataFile Name :   | 062LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 67285   | 68691   | 65903   | 67293   | 2.07   | cps   |
| Molybdenum | 94-1  | 34019   | 34912   | 34779   | 34570   | 1.39   | cps   |
| Molybdenum | 95-1  | 40645   | 42175   | 40921   | 41247   | 1.98   | cps   |
| Molybdenum | 96-1  | 45820   | 46639   | 45343   | 45934   | 1.43   | cps   |
| Molybdenum | 97-1  | 25600   | 25567   | 25366   | 25511   | 0.50   | cps   |
| Neodymium  | 150-1 | 27      | 13      | 20      | 20      | 33.35  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1533    | 1637    | 1587    | 1586    | 3.26   | cps   |
| Phosphorus | 31-2  | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Potassium  | 39-2  | 28688   | 29390   | 28530   | 28870   | 1.59   | cps   |
| Rhodium    | 103-1 | 6218360 | 6523902 | 6568308 | 6436856 | 2.96   | cps   |
| Rhodium    | 103-2 | 2054681 | 2050626 | 2046992 | 2050766 | 0.19   | cps   |
| Scandium   | 45-1  | 4173787 | 4373672 | 4365838 | 4304432 | 2.63   | cps   |
| Scandium   | 45-2  | 43036   | 43919   | 43588   | 43514   | 1.02   | cps   |
| Selenium   | 77-2  | 13      | 13      | 7       | 11      | 34.61  | cps   |
| Selenium   | 78-2  | 48      | 28      | 31      | 36      | 30.31  | cps   |
| Selenium   | 82-1  | 1455    | 1375    | 1258    | 1362    | 7.28   | cps   |
| Silicon    | 28-1  | 515600  | 519727  | 519154  | 518160  | 0.43   | cps   |
| Silver     | 109-1 | 20784   | 21209   | 20082   | 20692   | 2.75   | cps   |
| Silver     | 107-1 | 21543   | 22536   | 22353   | 22144   | 2.39   | cps   |
| Sodium     | 23-2  | 107705  | 107899  | 109696  | 108433  | 1.01   | cps   |
| Strontium  | 86-1  | 6402    | 6535    | 6802    | 6580    | 3.10   | cps   |
| Strontium  | 88-1  | 48964   | 50110   | 48646   | 49240   | 1.56   | cps   |
| Sulfur     | 34-1  | 418197  | 419138  | 419080  | 418805  | 0.13   | cps   |
| Terbium    | 159-1 | 7531308 | 7854556 | 7890839 | 7758901 | 2.55   | cps   |
| Terbium    | 159-2 | 2093840 | 2122135 | 2071879 | 2095951 | 1.20   | cps   |
| Thallium   | 203-1 | 12565   | 13616   | 13107   | 13096   | 4.01   | cps   |
| Thallium   | 205-1 | 30371   | 31607   | 30287   | 30755   | 2.40   | cps   |
| Tin        | 118-1 | 66902   | 67245   | 65553   | 66566   | 1.34   | cps   |
| Titanium   | 47-1  | 12347   | 12615   | 12072   | 12345   | 2.20   | cps   |
| Uranium    | 238-1 | 38745   | 39196   | 38945   | 38962   | 0.58   | cps   |
| Vanadium   | 51-2  | 8776    | 8733    | 9023    | 8844    | 1.77   | cps   |
| Yttrium    | 89-1  | 6992484 | 7357021 | 7345266 | 7231590 | 2.86   | cps   |
| Yttrium    | 89-2  | 289303  | 286556  | 286286  | 287382  | 0.58   | cps   |
| Zinc       | 66-2  | 840     | 867     | 827     | 844     | 2.41   | cps   |
| Zirconium  | 90-1  | 29759   | 29767   | 30727   | 30084   | 1.85   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101614BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:08:18 | DataFile Name :   | 062LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6977 | 6852 | 6894 | 6908    | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:11:27 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 225      | 133      | 233      | 197      | 28.14  | cps   |
| Antimony   | 121-1 | 3242     | 3359     | 3092     | 3231     | 4.14   | cps   |
| Arsenic    | 75-2  | 122      | 122      | 144      | 130      | 9.90   | cps   |
| Barium     | 135-1 | 99312    | 99061    | 99716    | 99363    | 0.33   | cps   |
| Barium     | 137-1 | 173812   | 174362   | 172376   | 173517   | 0.59   | cps   |
| Beryllium  | 9-1   | 111      | 117      | 72       | 100      | 24.22  | cps   |
| Bismuth    | 209-1 | 4881441  | 4760042  | 4783065  | 4808183  | 1.34   | cps   |
| Bismuth    | 209-2 | 1812600  | 1798910  | 1720827  | 1777446  | 2.79   | cps   |
| Boron      | 11-1  | 30141    | 30868    | 30600    | 30536    | 1.20   | cps   |
| Boron      | 10-1  | 6702     | 6685     | 6902     | 6763     | 1.78   | cps   |
| Cadmium    | 106-1 | 1742     | 1650     | 1717     | 1703     | 2.78   | cps   |
| Cadmium    | 108-1 | 17       | 0        | 13       | 10       | 89.22  | cps   |
| Cadmium    | 111-1 | 1316     | 1222     | 1272     | 1270     | 3.71   | cps   |
| Calcium    | 43-1  | 1140655  | 1133645  | 1132144  | 1135481  | 0.40   | cps   |
| Calcium    | 44-1  | 18683172 | 18481096 | 18455294 | 18539854 | 0.67   | cps   |
| Chromium   | 52-2  | 5218     | 5038     | 5511     | 5256     | 4.55   | cps   |
| Cobalt     | 59-2  | 283      | 260      | 300      | 281      | 7.15   | cps   |
| Copper     | 63-2  | 7082     | 6762     | 6442     | 6762     | 4.74   | cps   |
| Dysprosium | 156-1 | 125      | 175      | 142      | 147      | 17.29  | cps   |
| Dysprosium | 156-2 | 27       | 30       | 43       | 33       | 26.45  | cps   |
| Erbium     | 164-1 | 150      | 192      | 83       | 142      | 38.57  | cps   |
| Erbium     | 164-2 | 17       | 30       | 33       | 27       | 33.06  | cps   |
| Gadolinium | 160-1 | 150      | 125      | 167      | 147      | 14.24  | cps   |
| Gadolinium | 160-2 | 53       | 50       | 60       | 54       | 9.35   | cps   |
| Holmium    | 165-1 | 8291018  | 8173283  | 8167105  | 8210469  | 0.85   | cps   |
| Holmium    | 165-2 | 2318703  | 2267525  | 2214240  | 2266823  | 2.30   | cps   |
| Indium     | 115-1 | 7472282  | 7370163  | 7352366  | 7398270  | 0.87   | cps   |
| Indium     | 115-2 | 415916   | 408816   | 398120   | 407617   | 2.20   | cps   |
| Iron       | 56-2  | 96364    | 95783    | 95380    | 95842    | 0.52   | cps   |
| Iron       | 57-2  | 2634     | 2589     | 2423     | 2548     | 4.37   | cps   |
| Lead       | 206-1 | 1261     | 1345     | 1339     | 1315     | 3.54   | cps   |
| Lead       | 207-1 | 1306     | 1245     | 1078     | 1209     | 9.75   | cps   |
| Lead       | 208-1 | 5584     | 5401     | 4901     | 5295     | 6.68   | cps   |
| Lithium    | 6-1   | 1252706  | 1233533  | 1263400  | 1249880  | 1.21   | cps   |
| Magnesium  | 24-2  | 216364   | 210402   | 212964   | 213243   | 1.40   | cps   |
| Manganese  | 55-2  | 27521    | 27771    | 27013    | 27435    | 1.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:11:27 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 1658     | 1692     | 1508     | 1620     | 6.03    | cps   |
| Molybdenum | 94-1  | 1108     | 942      | 1075     | 1042     | 8.47    | cps   |
| Molybdenum | 95-1  | 1150     | 1108     | 992      | 1083     | 7.58    | cps   |
| Molybdenum | 96-1  | 1342     | 1100     | 1158     | 1200     | 10.51   | cps   |
| Molybdenum | 97-1  | 758      | 633      | 700      | 697      | 8.97    | cps   |
| Neodymium  | 150-1 | 120      | 113      | 113      | 116      | 3.33    | cps   |
| Neodymium  | 150-2 | 17       | 17       | 27       | 20       | 28.86   | cps   |
| Nickel     | 60-2  | 450      | 510      | 513      | 491      | 7.26    | cps   |
| Phosphorus | 31-2  | 75       | 142      | 83       | 100      | 36.32   | cps   |
| Potassium  | 39-2  | 73626    | 73962    | 72102    | 73230    | 1.35    | cps   |
| Rhodium    | 103-1 | 7055679  | 6923159  | 6972386  | 6983741  | 0.96    | cps   |
| Rhodium    | 103-2 | 2185213  | 2146192  | 2064785  | 2132063  | 2.88    | cps   |
| Scandium   | 45-1  | 4913111  | 4809027  | 4780061  | 4834066  | 1.45    | cps   |
| Scandium   | 45-2  | 46390    | 45948    | 43989    | 45442    | 2.81    | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05  | cps   |
| Selenium   | 78-2  | 6        | 6        | 4        | 5        | 21.74   | cps   |
| Selenium   | 82-1  | 35       | -5       | -28      | 1        | 5636.01 | cps   |
| Silicon    | 28-1  | 12363165 | 12339220 | 12255004 | 12319129 | 0.46    | cps   |
| Silver     | 109-1 | 3909     | 3717     | 3392     | 3673     | 7.11    | cps   |
| Silver     | 107-1 | 4251     | 3926     | 4026     | 4067     | 4.09    | cps   |
| Sodium     | 23-2  | 9467953  | 9284177  | 9292778  | 9348303  | 1.11    | cps   |
| Strontium  | 86-1  | 924306   | 931028   | 923179   | 926171   | 0.46    | cps   |
| Strontium  | 88-1  | 8093004  | 8068241  | 7989209  | 8050151  | 0.67    | cps   |
| Sulfur     | 34-1  | 648808   | 647314   | 644408   | 646843   | 0.35    | cps   |
| Terbium    | 159-1 | 8709950  | 8594884  | 8535325  | 8613386  | 1.03    | cps   |
| Terbium    | 159-2 | 2252860  | 2194282  | 2144489  | 2197211  | 2.47    | cps   |
| Thallium   | 203-1 | 358      | 467      | 342      | 389      | 17.45   | cps   |
| Thallium   | 205-1 | 867      | 817      | 792      | 825      | 4.63    | cps   |
| Tin        | 118-1 | 1967     | 2084     | 2042     | 2031     | 2.91    | cps   |
| Titanium   | 47-1  | 642      | 583      | 600      | 608      | 4.94    | cps   |
| Uranium    | 238-1 | 5085     | 5293     | 5026     | 5135     | 2.73    | cps   |
| Vanadium   | 51-2  | 133      | 143      | 143      | 140      | 4.12    | cps   |
| Yttrium    | 89-1  | 8084151  | 8089112  | 8030848  | 8068037  | 0.40    | cps   |
| Yttrium    | 89-2  | 309688   | 305432   | 297738   | 304286   | 1.99    | cps   |
| Zinc       | 66-2  | 1407     | 1600     | 1350     | 1452     | 9.03    | cps   |
| Zirconium  | 90-1  | 1392     | 1325     | 1325     | 1347     | 2.86    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:11:27 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 417  | 250  | 133  | 267     | 53.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:14:34 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 142      | 50       | 114      | 48.72  | cps   |
| Antimony   | 121-1 | 3217     | 2867     | 2734     | 2939     | 8.49   | cps   |
| Arsenic    | 75-2  | 115      | 119      | 163      | 132      | 20.28  | cps   |
| Barium     | 135-1 | 83128    | 82548    | 80495    | 82057    | 1.69   | cps   |
| Barium     | 137-1 | 142031   | 144817   | 142225   | 143024   | 1.09   | cps   |
| Beryllium  | 9-1   | 100      | 106      | 78       | 94       | 15.56  | cps   |
| Bismuth    | 209-1 | 4898264  | 4821608  | 4823280  | 4847717  | 0.90   | cps   |
| Bismuth    | 209-2 | 1799551  | 1763238  | 1779880  | 1780890  | 1.02   | cps   |
| Boron      | 11-1  | 23103    | 24071    | 23412    | 23528    | 2.10   | cps   |
| Boron      | 10-1  | 4918     | 5110     | 5243     | 5090     | 3.21   | cps   |
| Cadmium    | 106-1 | 1759     | 1584     | 1667     | 1670     | 5.24   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 4        | 10       | 49.46  | cps   |
| Cadmium    | 111-1 | 1272     | 1116     | 1201     | 1197     | 6.52   | cps   |
| Calcium    | 43-1  | 1096938  | 1081879  | 1085937  | 1088251  | 0.72   | cps   |
| Calcium    | 44-1  | 17884547 | 17705018 | 17921648 | 17837071 | 0.65   | cps   |
| Chromium   | 52-2  | 5188     | 5181     | 5244     | 5204     | 0.67   | cps   |
| Cobalt     | 59-2  | 293      | 190      | 277      | 253      | 21.90  | cps   |
| Copper     | 63-2  | 4407     | 4554     | 4504     | 4489     | 1.66   | cps   |
| Dysprosium | 156-1 | 117      | 25       | 67       | 69       | 66.09  | cps   |
| Dysprosium | 156-2 | 20       | 23       | 30       | 24       | 20.83  | cps   |
| Erbium     | 164-1 | 133      | 133      | 100      | 122      | 15.75  | cps   |
| Erbium     | 164-2 | 33       | 27       | 37       | 32       | 15.80  | cps   |
| Gadolinium | 160-1 | 233      | 125      | 183      | 181      | 30.03  | cps   |
| Gadolinium | 160-2 | 37       | 50       | 47       | 44       | 15.61  | cps   |
| Holmium    | 165-1 | 8216215  | 8187471  | 8097128  | 8166938  | 0.76   | cps   |
| Holmium    | 165-2 | 2317826  | 2307816  | 2289395  | 2305012  | 0.63   | cps   |
| Indium     | 115-1 | 7392034  | 7356460  | 7238193  | 7328896  | 1.10   | cps   |
| Indium     | 115-2 | 413205   | 410264   | 402259   | 408576   | 1.39   | cps   |
| Iron       | 56-2  | 55477    | 55461    | 53726    | 54888    | 1.83   | cps   |
| Iron       | 57-2  | 1400     | 1456     | 1322     | 1393     | 4.81   | cps   |
| Lead       | 206-1 | 817      | 828      | 956      | 867      | 8.91   | cps   |
| Lead       | 207-1 | 756      | 922      | 956      | 878      | 12.21  | cps   |
| Lead       | 208-1 | 3495     | 3784     | 4011     | 3763     | 6.88   | cps   |
| Lithium    | 6-1   | 1247893  | 1246100  | 1234616  | 1242870  | 0.58   | cps   |
| Magnesium  | 24-2  | 199320   | 196135   | 194987   | 196814   | 1.14   | cps   |
| Manganese  | 55-2  | 14411    | 15035    | 14585    | 14677    | 2.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:14:34 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 1734     | 1667     | 1442     | 1614     | 9.47    | cps   |
| Molybdenum | 94-1  | 908      | 933      | 983      | 942      | 4.06    | cps   |
| Molybdenum | 95-1  | 1075     | 1117     | 908      | 1033     | 10.67   | cps   |
| Molybdenum | 96-1  | 1150     | 1400     | 1317     | 1289     | 9.88    | cps   |
| Molybdenum | 97-1  | 833      | 650      | 733      | 739      | 12.42   | cps   |
| Neodymium  | 150-1 | 27       | 47       | 87       | 53       | 57.28   | cps   |
| Neodymium  | 150-2 | 7        | 13       | 27       | 16       | 65.47   | cps   |
| Nickel     | 60-2  | 433      | 443      | 443      | 440      | 1.31    | cps   |
| Phosphorus | 31-2  | 67       | 67       | 0        | 44       | 86.60   | cps   |
| Potassium  | 39-2  | 65193    | 65536    | 65059    | 65263    | 0.38    | cps   |
| Rhodium    | 103-1 | 6983925  | 6976142  | 6947564  | 6969211  | 0.27    | cps   |
| Rhodium    | 103-2 | 2173533  | 2167960  | 2130523  | 2157339  | 1.08    | cps   |
| Scandium   | 45-1  | 4813550  | 4817887  | 4826637  | 4819358  | 0.14    | cps   |
| Scandium   | 45-2  | 45764    | 44875    | 45514    | 45384    | 1.01    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 11       | 7        | 6        | 8        | 35.21   | cps   |
| Selenium   | 82-1  | -123     | 19       | 7        | -32      | -243.37 | cps   |
| Silicon    | 28-1  | 13590681 | 13507246 | 13313893 | 13470607 | 1.05    | cps   |
| Silver     | 109-1 | 2334     | 2425     | 2575     | 2445     | 4.99    | cps   |
| Silver     | 107-1 | 2667     | 2534     | 2534     | 2578     | 2.99    | cps   |
| Sodium     | 23-2  | 9434692  | 9273871  | 9191775  | 9300113  | 1.33    | cps   |
| Strontium  | 86-1  | 806684   | 807719   | 809538   | 807980   | 0.18    | cps   |
| Strontium  | 88-1  | 7042608  | 7044543  | 7024204  | 7037118  | 0.16    | cps   |
| Sulfur     | 34-1  | 630969   | 628643   | 622022   | 627211   | 0.74    | cps   |
| Terbium    | 159-1 | 8537555  | 8524548  | 8444683  | 8502262  | 0.59    | cps   |
| Terbium    | 159-2 | 2246417  | 2226489  | 2235859  | 2236255  | 0.45    | cps   |
| Thallium   | 203-1 | 125      | 150      | 100      | 125      | 20.00   | cps   |
| Thallium   | 205-1 | 242      | 283      | 250      | 258      | 8.54    | cps   |
| Tin        | 118-1 | 1892     | 1875     | 2067     | 1945     | 5.46    | cps   |
| Titanium   | 47-1  | 659      | 633      | 508      | 600      | 13.40   | cps   |
| Uranium    | 238-1 | 5076     | 5018     | 5260     | 5118     | 2.47    | cps   |
| Vanadium   | 51-2  | 187      | 110      | 150      | 149      | 25.76   | cps   |
| Yttrium    | 89-1  | 7991809  | 7967044  | 7907526  | 7955460  | 0.54    | cps   |
| Yttrium    | 89-2  | 305295   | 303619   | 298945   | 302619   | 1.09    | cps   |
| Zinc       | 66-2  | 600      | 417      | 393      | 470      | 24.08   | cps   |
| Zirconium  | 90-1  | 1258     | 1317     | 1292     | 1289     | 2.27    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:14:34 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 267  | 367  | 306     | 17.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:17:41 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 58       | 142      | 100      | 41.66  | cps   |
| Antimony   | 121-1 | 2517     | 2700     | 2692     | 2636     | 3.93   | cps   |
| Arsenic    | 75-2  | 200      | 211      | 172      | 194      | 10.30  | cps   |
| Barium     | 135-1 | 51936    | 52948    | 52782    | 52555    | 1.03   | cps   |
| Barium     | 137-1 | 90827    | 90132    | 88613    | 89857    | 1.26   | cps   |
| Beryllium  | 9-1   | 94       | 78       | 61       | 78       | 21.43  | cps   |
| Bismuth    | 209-1 | 4960487  | 4916436  | 4832026  | 4902983  | 1.33   | cps   |
| Bismuth    | 209-2 | 1758117  | 1775858  | 1780316  | 1771430  | 0.66   | cps   |
| Boron      | 11-1  | 19489    | 19697    | 19088    | 19425    | 1.59   | cps   |
| Boron      | 10-1  | 4434     | 4001     | 4293     | 4242     | 5.21   | cps   |
| Cadmium    | 106-1 | 1584     | 1642     | 1408     | 1545     | 7.86   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 17       | 17       | 24.99  | cps   |
| Cadmium    | 111-1 | 1119     | 1161     | 995      | 1092     | 7.91   | cps   |
| Calcium    | 43-1  | 840285   | 843339   | 826977   | 836867   | 1.04   | cps   |
| Calcium    | 44-1  | 13742636 | 13840473 | 13495825 | 13692978 | 1.30   | cps   |
| Chromium   | 52-2  | 10774    | 11248    | 10591    | 10871    | 3.12   | cps   |
| Cobalt     | 59-2  | 257      | 233      | 157      | 216      | 24.27  | cps   |
| Copper     | 63-2  | 4477     | 4678     | 4434     | 4530     | 2.87   | cps   |
| Dysprosium | 156-1 | 92       | 75       | 50       | 72       | 29.04  | cps   |
| Dysprosium | 156-2 | 27       | 10       | 40       | 26       | 58.81  | cps   |
| Erbium     | 164-1 | 125      | 117      | 142      | 128      | 9.96   | cps   |
| Erbium     | 164-2 | 27       | 33       | 27       | 29       | 13.31  | cps   |
| Gadolinium | 160-1 | 192      | 200      | 217      | 203      | 6.28   | cps   |
| Gadolinium | 160-2 | 50       | 40       | 40       | 43       | 13.32  | cps   |
| Holmium    | 165-1 | 8230782  | 8113349  | 8179852  | 8174661  | 0.72   | cps   |
| Holmium    | 165-2 | 2292397  | 2256171  | 2277781  | 2275450  | 0.80   | cps   |
| Indium     | 115-1 | 7513631  | 7382191  | 7332105  | 7409309  | 1.27   | cps   |
| Indium     | 115-2 | 406547   | 406695   | 404451   | 405898   | 0.31   | cps   |
| Iron       | 56-2  | 33216    | 31549    | 30194    | 31653    | 4.78   | cps   |
| Iron       | 57-2  | 961      | 822      | 750      | 844      | 12.71  | cps   |
| Lead       | 206-1 | 761      | 756      | 717      | 744      | 3.25   | cps   |
| Lead       | 207-1 | 567      | 639      | 661      | 622      | 7.94   | cps   |
| Lead       | 208-1 | 2861     | 3111     | 2939     | 2971     | 4.31   | cps   |
| Lithium    | 6-1   | 1275195  | 1276656  | 1238618  | 1263490  | 1.71   | cps   |
| Magnesium  | 24-2  | 156132   | 155677   | 155737   | 155849   | 0.16   | cps   |
| Manganese  | 55-2  | 5658     | 5648     | 5898     | 5735     | 2.47   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:17:41 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 1625     | 1634     | 1759     | 1672     | 4.47    | cps   |
| Molybdenum | 94-1  | 1217     | 1108     | 1150     | 1158     | 4.72    | cps   |
| Molybdenum | 95-1  | 992      | 1167     | 1117     | 1092     | 8.26    | cps   |
| Molybdenum | 96-1  | 1292     | 1417     | 1225     | 1311     | 7.42    | cps   |
| Molybdenum | 97-1  | 867      | 925      | 792      | 861      | 7.76    | cps   |
| Neodymium  | 150-1 | 87       | 53       | 80       | 73       | 24.05   | cps   |
| Neodymium  | 150-2 | 17       | 23       | 10       | 17       | 39.99   | cps   |
| Nickel     | 60-2  | 570      | 563      | 653      | 596      | 8.42    | cps   |
| Phosphorus | 31-2  | 58       | 33       | 42       | 44       | 28.64   | cps   |
| Potassium  | 39-2  | 63895    | 65629    | 64481    | 64668    | 1.36    | cps   |
| Rhodium    | 103-1 | 7017929  | 6977749  | 6905714  | 6967131  | 0.82    | cps   |
| Rhodium    | 103-2 | 2134399  | 2143904  | 2142139  | 2140148  | 0.24    | cps   |
| Scandium   | 45-1  | 4819457  | 4807397  | 4742506  | 4789787  | 0.86    | cps   |
| Scandium   | 45-2  | 44959    | 44521    | 44447    | 44642    | 0.62    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 4        | 4        | 0        | 2        | 86.60   | cps   |
| Selenium   | 82-1  | 32       | -60      | 37       | 3        | 2110.31 | cps   |
| Silicon    | 28-1  | 10389861 | 10314974 | 10160150 | 10288328 | 1.14    | cps   |
| Silver     | 109-1 | 1842     | 1950     | 1975     | 1922     | 3.69    | cps   |
| Silver     | 107-1 | 1992     | 2059     | 2025     | 2025     | 1.65    | cps   |
| Sodium     | 23-2  | 4323220  | 4320990  | 4314987  | 4319732  | 0.10    | cps   |
| Strontium  | 86-1  | 500581   | 498554   | 487728   | 495621   | 1.39    | cps   |
| Strontium  | 88-1  | 4431415  | 4341352  | 4268134  | 4346967  | 1.88    | cps   |
| Sulfur     | 34-1  | 579183   | 574770   | 575933   | 576628   | 0.40    | cps   |
| Terbium    | 159-1 | 8662989  | 8696744  | 8495486  | 8618406  | 1.25    | cps   |
| Terbium    | 159-2 | 2214402  | 2226361  | 2193186  | 2211316  | 0.76    | cps   |
| Thallium   | 203-1 | 108      | 150      | 67       | 108      | 38.46   | cps   |
| Thallium   | 205-1 | 250      | 183      | 167      | 200      | 22.05   | cps   |
| Tin        | 118-1 | 1634     | 1667     | 1567     | 1622     | 3.14    | cps   |
| Titanium   | 47-1  | 467      | 325      | 492      | 428      | 21.01   | cps   |
| Uranium    | 238-1 | 3584     | 3692     | 3767     | 3681     | 2.50    | cps   |
| Vanadium   | 51-2  | 210      | 83       | 113      | 136      | 48.83   | cps   |
| Yttrium    | 89-1  | 8002671  | 7979436  | 7794487  | 7925532  | 1.44    | cps   |
| Yttrium    | 89-2  | 300597   | 300497   | 300763   | 300619   | 0.04    | cps   |
| Zinc       | 66-2  | 597      | 590      | 590      | 592      | 0.65    | cps   |
| Zirconium  | 90-1  | 1475     | 1517     | 1375     | 1456     | 5.00    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:17:41 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 358  | 392  | 367     | 6.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:20:48 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 58       | 108      | 42       | 69       | 49.96  | cps   |
| Antimony   | 121-1 | 2267     | 2242     | 2600     | 2370     | 8.44   | cps   |
| Arsenic    | 75-2  | 174      | 198      | 193      | 188      | 6.69   | cps   |
| Barium     | 135-1 | 50129    | 50104    | 50840    | 50358    | 0.83   | cps   |
| Barium     | 137-1 | 88891    | 88270    | 89477    | 88879    | 0.68   | cps   |
| Beryllium  | 9-1   | 44       | 50       | 83       | 59       | 35.49  | cps   |
| Bismuth    | 209-1 | 4866089  | 4904883  | 4892421  | 4887797  | 0.41   | cps   |
| Bismuth    | 209-2 | 1825519  | 1765205  | 1771848  | 1787524  | 1.85   | cps   |
| Boron      | 11-1  | 18905    | 19113    | 19614    | 19211    | 1.90   | cps   |
| Boron      | 10-1  | 4343     | 3934     | 3984     | 4087     | 5.45   | cps   |
| Cadmium    | 106-1 | 1775     | 1533     | 1692     | 1667     | 7.37   | cps   |
| Cadmium    | 108-1 | 4        | 21       | 4        | 10       | 98.92  | cps   |
| Cadmium    | 111-1 | 1265     | 1092     | 1202     | 1186     | 7.36   | cps   |
| Calcium    | 43-1  | 860533   | 847780   | 850925   | 853079   | 0.78   | cps   |
| Calcium    | 44-1  | 14054587 | 13821414 | 13846598 | 13907533 | 0.92   | cps   |
| Chromium   | 52-2  | 6278     | 6545     | 6265     | 6363     | 2.48   | cps   |
| Cobalt     | 59-2  | 297      | 283      | 267      | 282      | 5.33   | cps   |
| Copper     | 63-2  | 4628     | 4594     | 4601     | 4608     | 0.38   | cps   |
| Dysprosium | 156-1 | 100      | 83       | 58       | 81       | 26.03  | cps   |
| Dysprosium | 156-2 | 13       | 37       | 37       | 29       | 46.64  | cps   |
| Erbium     | 164-1 | 133      | 167      | 150      | 150      | 11.11  | cps   |
| Erbium     | 164-2 | 27       | 13       | 7        | 16       | 65.47  | cps   |
| Gadolinium | 160-1 | 142      | 175      | 75       | 131      | 39.00  | cps   |
| Gadolinium | 160-2 | 30       | 40       | 20       | 30       | 33.33  | cps   |
| Holmium    | 165-1 | 8301351  | 8143612  | 8124475  | 8189813  | 1.19   | cps   |
| Holmium    | 165-2 | 2325069  | 2310546  | 2282566  | 2306060  | 0.94   | cps   |
| Indium     | 115-1 | 7331865  | 7427221  | 7274696  | 7344594  | 1.05   | cps   |
| Indium     | 115-2 | 412054   | 407494   | 404480   | 408009   | 0.93   | cps   |
| Iron       | 56-2  | 32895    | 35676    | 32656    | 33742    | 4.98   | cps   |
| Iron       | 57-2  | 928      | 984      | 839      | 917      | 7.95   | cps   |
| Lead       | 206-1 | 1961     | 1678     | 1811     | 1817     | 7.80   | cps   |
| Lead       | 207-1 | 1739     | 1539     | 1478     | 1585     | 8.62   | cps   |
| Lead       | 208-1 | 7457     | 6951     | 7190     | 7199     | 3.51   | cps   |
| Lithium    | 6-1   | 1259736  | 1237160  | 1241399  | 1246098  | 0.96   | cps   |
| Magnesium  | 24-2  | 160681   | 159275   | 160681   | 160212   | 0.51   | cps   |
| Manganese  | 55-2  | 5711     | 6215     | 5881     | 5936     | 4.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:20:48 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 1792     | 1684     | 1775     | 1750     | 3.33   | cps   |
| Molybdenum | 94-1  | 1250     | 1033     | 1208     | 1164     | 9.88   | cps   |
| Molybdenum | 95-1  | 1167     | 1133     | 1117     | 1139     | 2.24   | cps   |
| Molybdenum | 96-1  | 1534     | 1350     | 1584     | 1489     | 8.25   | cps   |
| Molybdenum | 97-1  | 750      | 883      | 900      | 845      | 9.74   | cps   |
| Neodymium  | 150-1 | 73       | 67       | 73       | 71       | 5.41   | cps   |
| Neodymium  | 150-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Nickel     | 60-2  | 517      | 517      | 587      | 540      | 7.48   | cps   |
| Phosphorus | 31-2  | 17       | 58       | 58       | 44       | 54.12  | cps   |
| Potassium  | 39-2  | 66675    | 66164    | 66558    | 66466    | 0.40   | cps   |
| Rhodium    | 103-1 | 6965771  | 7007516  | 6925225  | 6966171  | 0.59   | cps   |
| Rhodium    | 103-2 | 2176007  | 2131862  | 2170945  | 2159605  | 1.12   | cps   |
| Scandium   | 45-1  | 4735369  | 4750925  | 4742404  | 4742899  | 0.16   | cps   |
| Scandium   | 45-2  | 45774    | 44959    | 44765    | 45166    | 1.19   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 2        | 2        | 4        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | 4        | 10       | -6       | 3        | 296.65 | cps   |
| Silicon    | 28-1  | 11015332 | 10972577 | 10906335 | 10964748 | 0.50   | cps   |
| Silver     | 109-1 | 1525     | 1709     | 1475     | 1570     | 7.83   | cps   |
| Silver     | 107-1 | 1750     | 1625     | 1550     | 1642     | 6.15   | cps   |
| Sodium     | 23-2  | 4574486  | 4511121  | 4512159  | 4532589  | 0.80   | cps   |
| Strontium  | 86-1  | 509954   | 506943   | 506845   | 507914   | 0.35   | cps   |
| Strontium  | 88-1  | 4460950  | 4449174  | 4459403  | 4456509  | 0.14   | cps   |
| Sulfur     | 34-1  | 565475   | 565433   | 563432   | 564780   | 0.21   | cps   |
| Terbium    | 159-1 | 8599919  | 8617232  | 8535490  | 8584214  | 0.50   | cps   |
| Terbium    | 159-2 | 2244225  | 2223387  | 2211221  | 2226278  | 0.75   | cps   |
| Thallium   | 203-1 | 108      | 58       | 117      | 94       | 33.40  | cps   |
| Thallium   | 205-1 | 350      | 167      | 158      | 225      | 48.15  | cps   |
| Tin        | 118-1 | 1592     | 1467     | 1609     | 1556     | 4.98   | cps   |
| Titanium   | 47-1  | 317      | 350      | 533      | 400      | 29.17  | cps   |
| Uranium    | 238-1 | 4501     | 4034     | 4159     | 4231     | 5.71   | cps   |
| Vanadium   | 51-2  | 190      | 173      | 170      | 178      | 6.03   | cps   |
| Yttrium    | 89-1  | 7999652  | 7936927  | 7954339  | 7963639  | 0.41   | cps   |
| Yttrium    | 89-2  | 303636   | 301349   | 301208   | 302064   | 0.45   | cps   |
| Zinc       | 66-2  | 390      | 433      | 317      | 380      | 15.52  | cps   |
| Zirconium  | 90-1  | 1408     | 1609     | 1550     | 1522     | 6.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:20:48 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 392  | 275  | 283     | 36.85  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:23:56 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 108      | 58       | 72       | 43.68  | cps   |
| Antimony   | 121-1 | 2667     | 2734     | 2492     | 2631     | 4.74   | cps   |
| Arsenic    | 75-2  | 196      | 185      | 176      | 186      | 5.49   | cps   |
| Barium     | 135-1 | 53233    | 51836    | 50673    | 51914    | 2.47   | cps   |
| Barium     | 137-1 | 87456    | 87883    | 86985    | 87442    | 0.51   | cps   |
| Beryllium  | 9-1   | 83       | 83       | 67       | 78       | 12.37  | cps   |
| Bismuth    | 209-1 | 5024036  | 4910199  | 4892803  | 4942346  | 1.44   | cps   |
| Bismuth    | 209-2 | 1823543  | 1790544  | 1810398  | 1808161  | 0.92   | cps   |
| Boron      | 11-1  | 18262    | 19564    | 19147    | 18991    | 3.50   | cps   |
| Boron      | 10-1  | 4101     | 4151     | 4109     | 4120     | 0.65   | cps   |
| Cadmium    | 106-1 | 1775     | 1550     | 1700     | 1675     | 6.84   | cps   |
| Cadmium    | 108-1 | 8        | 0        | 13       | 7        | 91.66  | cps   |
| Cadmium    | 111-1 | 1274     | 1123     | 1219     | 1205     | 6.37   | cps   |
| Calcium    | 43-1  | 853832   | 846717   | 843991   | 848180   | 0.60   | cps   |
| Calcium    | 44-1  | 14074849 | 13991870 | 13793368 | 13953362 | 1.04   | cps   |
| Chromium   | 52-2  | 6408     | 6288     | 6495     | 6397     | 1.62   | cps   |
| Cobalt     | 59-2  | 253      | 300      | 273      | 276      | 8.50   | cps   |
| Copper     | 63-2  | 4684     | 4284     | 4347     | 4439     | 4.85   | cps   |
| Dysprosium | 156-1 | 50       | 75       | 100      | 75       | 33.33  | cps   |
| Dysprosium | 156-2 | 20       | 27       | 17       | 21       | 24.12  | cps   |
| Erbium     | 164-1 | 108      | 133      | 100      | 114      | 15.23  | cps   |
| Erbium     | 164-2 | 33       | 33       | 20       | 29       | 26.64  | cps   |
| Gadolinium | 160-1 | 75       | 133      | 117      | 108      | 27.73  | cps   |
| Gadolinium | 160-2 | 23       | 30       | 40       | 31       | 26.97  | cps   |
| Holmium    | 165-1 | 8234524  | 8204954  | 8085956  | 8175145  | 0.96   | cps   |
| Holmium    | 165-2 | 2316285  | 2293180  | 2264161  | 2291209  | 1.14   | cps   |
| Indium     | 115-1 | 7446965  | 7440283  | 7314350  | 7400533  | 1.01   | cps   |
| Indium     | 115-2 | 408704   | 404442   | 405286   | 406144   | 0.56   | cps   |
| Iron       | 56-2  | 33351    | 33530    | 34472    | 33784    | 1.78   | cps   |
| Iron       | 57-2  | 967      | 861      | 722      | 850      | 14.42  | cps   |
| Lead       | 206-1 | 1822     | 1756     | 2006     | 1861     | 6.96   | cps   |
| Lead       | 207-1 | 1633     | 1595     | 1650     | 1626     | 1.75   | cps   |
| Lead       | 208-1 | 7446     | 7329     | 7523     | 7433     | 1.32   | cps   |
| Lithium    | 6-1   | 1260732  | 1242644  | 1234532  | 1245969  | 1.08   | cps   |
| Magnesium  | 24-2  | 158329   | 157446   | 158643   | 158139   | 0.39   | cps   |
| Manganese  | 55-2  | 6155     | 6051     | 6312     | 6173     | 2.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:23:56 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 1859     | 2084     | 1717     | 1886     | 9.80    | cps   |
| Molybdenum | 94-1  | 1083     | 1292     | 925      | 1100     | 16.72   | cps   |
| Molybdenum | 95-1  | 1308     | 1250     | 1167     | 1242     | 5.73    | cps   |
| Molybdenum | 96-1  | 1458     | 1158     | 1525     | 1381     | 14.15   | cps   |
| Molybdenum | 97-1  | 750      | 917      | 750      | 806      | 11.94   | cps   |
| Neodymium  | 150-1 | 53       | 93       | 73       | 73       | 27.27   | cps   |
| Neodymium  | 150-2 | 20       | 10       | 13       | 14       | 35.26   | cps   |
| Nickel     | 60-2  | 543      | 493      | 543      | 527      | 5.48    | cps   |
| Phosphorus | 31-2  | 92       | 25       | 33       | 50       | 72.65   | cps   |
| Potassium  | 39-2  | 66248    | 65955    | 66809    | 66338    | 0.65    | cps   |
| Rhodium    | 103-1 | 7078372  | 7183430  | 6989518  | 7083773  | 1.37    | cps   |
| Rhodium    | 103-2 | 2161539  | 2144678  | 2162994  | 2156403  | 0.47    | cps   |
| Scandium   | 45-1  | 4815553  | 4762136  | 4732525  | 4770072  | 0.88    | cps   |
| Scandium   | 45-2  | 45383    | 45587    | 45731    | 45567    | 0.38    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 4        | 4        | 0        | 2        | 86.60   | cps   |
| Selenium   | 82-1  | -23      | 20       | -50      | -18      | -200.32 | cps   |
| Silicon    | 28-1  | 10952179 | 11082276 | 10849202 | 10961219 | 1.07    | cps   |
| Silver     | 109-1 | 1367     | 1550     | 1317     | 1411     | 8.71    | cps   |
| Silver     | 107-1 | 1500     | 1442     | 1525     | 1489     | 2.87    | cps   |
| Sodium     | 23-2  | 4515197  | 4447691  | 4437082  | 4466657  | 0.95    | cps   |
| Strontium  | 86-1  | 503144   | 506370   | 499433   | 502982   | 0.69    | cps   |
| Strontium  | 88-1  | 4461486  | 4436604  | 4353882  | 4417324  | 1.28    | cps   |
| Sulfur     | 34-1  | 562055   | 561039   | 564410   | 562501   | 0.31    | cps   |
| Terbium    | 159-1 | 8763779  | 8625426  | 8495685  | 8628296  | 1.55    | cps   |
| Terbium    | 159-2 | 2261475  | 2217580  | 2224021  | 2234359  | 1.06    | cps   |
| Thallium   | 203-1 | 58       | 92       | 108      | 86       | 29.56   | cps   |
| Thallium   | 205-1 | 200      | 275      | 150      | 208      | 30.20   | cps   |
| Tin        | 118-1 | 1500     | 1342     | 1575     | 1472     | 8.09    | cps   |
| Titanium   | 47-1  | 3042     | 1549     | 483      | 1691     | 76.00   | cps   |
| Uranium    | 238-1 | 4042     | 4034     | 3784     | 3954     | 3.71    | cps   |
| Vanadium   | 51-2  | 160      | 137      | 147      | 148      | 7.92    | cps   |
| Yttrium    | 89-1  | 7991721  | 7948319  | 7916261  | 7952100  | 0.48    | cps   |
| Yttrium    | 89-2  | 303337   | 299473   | 300451   | 301087   | 0.67    | cps   |
| Zinc       | 66-2  | 653      | 637      | 637      | 642      | 1.50    | cps   |
| Zirconium  | 90-1  | 1300     | 1333     | 1333     | 1322     | 1.46    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:23:56 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 333  | 242  | 294     | 16.09  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 18:27:04 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 42      | 17      | 36      | 48.03  | cps   |
| Antimony   | 121-1 | 525     | 417     | 483     | 475     | 11.51  | cps   |
| Arsenic    | 75-2  | 33      | 39      | 44      | 39      | 14.29  | cps   |
| Barium     | 135-1 | 9779    | 9337    | 9379    | 9498    | 2.57   | cps   |
| Barium     | 137-1 | 15810   | 15977   | 16838   | 16208   | 3.40   | cps   |
| Beryllium  | 9-1   | 78      | 144     | 83      | 102     | 36.32  | cps   |
| Bismuth    | 209-1 | 4726947 | 4597519 | 4686660 | 4670375 | 1.42   | cps   |
| Bismuth    | 209-2 | 1713913 | 1728047 | 1677142 | 1706367 | 1.54   | cps   |
| Boron      | 11-1  | 5985    | 6085    | 5735    | 5935    | 3.04   | cps   |
| Boron      | 10-1  | 1283    | 1550    | 1383    | 1406    | 9.58   | cps   |
| Cadmium    | 106-1 | 1367    | 1725    | 1617    | 1570    | 11.71  | cps   |
| Cadmium    | 108-1 | 13      | 4       | 4       | 7       | 69.23  | cps   |
| Cadmium    | 111-1 | 973     | 1230    | 1137    | 1113    | 11.68  | cps   |
| Calcium    | 43-1  | 159791  | 157323  | 160684  | 159266  | 1.09   | cps   |
| Calcium    | 44-1  | 2665323 | 2664044 | 2660063 | 2663143 | 0.10   | cps   |
| Chromium   | 52-2  | 2214    | 2077    | 2134    | 2141    | 3.21   | cps   |
| Cobalt     | 59-2  | 63      | 83      | 100     | 82      | 22.33  | cps   |
| Copper     | 63-2  | 1270    | 1223    | 1323    | 1272    | 3.93   | cps   |
| Dysprosium | 156-1 | 25      | 42      | 17      | 28      | 45.82  | cps   |
| Dysprosium | 156-2 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 33      | 50      | 42      | 42      | 20.00  | cps   |
| Erbium     | 164-2 | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Gadolinium | 160-1 | 58      | 67      | 58      | 61      | 7.87   | cps   |
| Gadolinium | 160-2 | 10      | 10      | 10      | 10      | 0.00   | cps   |
| Holmium    | 165-1 | 7769896 | 7671253 | 7825686 | 7755612 | 1.01   | cps   |
| Holmium    | 165-2 | 2210534 | 2192853 | 2193068 | 2198818 | 0.46   | cps   |
| Indium     | 115-1 | 7067585 | 6947445 | 6984051 | 6999694 | 0.88   | cps   |
| Indium     | 115-2 | 392420  | 393181  | 392799  | 392800  | 0.10   | cps   |
| Iron       | 56-2  | 8180    | 8230    | 9089    | 8500    | 6.01   | cps   |
| Iron       | 57-2  | 211     | 217     | 267     | 231     | 13.22  | cps   |
| Lead       | 206-1 | 622     | 578     | 761     | 654     | 14.63  | cps   |
| Lead       | 207-1 | 600     | 511     | 550     | 554     | 8.05   | cps   |
| Lead       | 208-1 | 2478    | 2378    | 2589    | 2482    | 4.26   | cps   |
| Lithium    | 6-1   | 1183886 | 1147463 | 1171477 | 1167609 | 1.59   | cps   |
| Magnesium  | 24-2  | 29181   | 30459   | 30166   | 29935   | 2.24   | cps   |
| Manganese  | 55-2  | 1180    | 1033    | 1207    | 1140    | 8.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 18:27:04 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 400     | 425     | 425     | 417     | 3.46    | cps   |
| Molybdenum | 94-1  | 367     | 408     | 325     | 367     | 11.36   | cps   |
| Molybdenum | 95-1  | 225     | 242     | 275     | 247     | 10.30   | cps   |
| Molybdenum | 96-1  | 367     | 350     | 342     | 353     | 3.61    | cps   |
| Molybdenum | 97-1  | 175     | 225     | 333     | 244     | 33.11   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 40      | 18      | 114.57  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 203     | 260     | 190     | 218     | 17.07   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 33      | 11      | 173.21  | cps   |
| Potassium  | 39-2  | 16035   | 15392   | 15651   | 15693   | 2.06    | cps   |
| Rhodium    | 103-1 | 6809567 | 6671508 | 6641740 | 6707605 | 1.34    | cps   |
| Rhodium    | 103-2 | 2093857 | 2089445 | 2050443 | 2077915 | 1.15    | cps   |
| Scandium   | 45-1  | 4508597 | 4490800 | 4508003 | 4502467 | 0.22    | cps   |
| Scandium   | 45-2  | 43444   | 43705   | 42986   | 43378   | 0.84    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 4       | 7       | 5       | 43.39   | cps   |
| Selenium   | 82-1  | 11      | -61     | -26     | -26     | -140.57 | cps   |
| Silicon    | 28-1  | 2418688 | 2382344 | 2373644 | 2391558 | 1.00    | cps   |
| Silver     | 109-1 | 567     | 625     | 500     | 564     | 11.09   | cps   |
| Silver     | 107-1 | 692     | 608     | 617     | 639     | 7.18    | cps   |
| Sodium     | 23-2  | 825929  | 824929  | 824438  | 825099  | 0.09    | cps   |
| Strontium  | 86-1  | 94929   | 94584   | 93410   | 94308   | 0.84    | cps   |
| Strontium  | 88-1  | 813496  | 800624  | 806819  | 806980  | 0.80    | cps   |
| Sulfur     | 34-1  | 444171  | 441849  | 448820  | 444947  | 0.80    | cps   |
| Terbium    | 159-1 | 8172746 | 8105933 | 8113441 | 8130707 | 0.45    | cps   |
| Terbium    | 159-2 | 2135697 | 2160366 | 2154890 | 2150318 | 0.60    | cps   |
| Thallium   | 203-1 | 92      | 42      | 67      | 67      | 37.50   | cps   |
| Thallium   | 205-1 | 175     | 133     | 192     | 167     | 18.03   | cps   |
| Tin        | 118-1 | 658     | 600     | 650     | 636     | 4.96    | cps   |
| Titanium   | 47-1  | 250     | 217     | 208     | 225     | 9.80    | cps   |
| Uranium    | 238-1 | 717     | 700     | 717     | 711     | 1.35    | cps   |
| Vanadium   | 51-2  | 27      | 63      | 33      | 41      | 47.50   | cps   |
| Yttrium    | 89-1  | 7593254 | 7462108 | 7507706 | 7521022 | 0.89    | cps   |
| Yttrium    | 89-2  | 289916  | 289490  | 292041  | 290482  | 0.47    | cps   |
| Zinc       | 66-2  | 177     | 197     | 170     | 181     | 7.66    | cps   |
| Zirconium  | 90-1  | 667     | 800     | 825     | 764     | 11.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-16 18:27:04 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 167  | 92   | 139     | 29.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:30:10 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19180    | 18087    | 17687    | 18318    | 4.22   | cps   |
| Antimony   | 121-1 | 1104975  | 1128152  | 1123257  | 1118795  | 1.09   | cps   |
| Arsenic    | 75-2  | 6702     | 6503     | 6648     | 6618     | 1.55   | cps   |
| Barium     | 135-1 | 4671985  | 4766346  | 4734990  | 4724441  | 1.02   | cps   |
| Barium     | 137-1 | 8069920  | 8192441  | 8162370  | 8141577  | 0.78   | cps   |
| Beryllium  | 9-1   | 85665    | 88487    | 86693    | 86949    | 1.64   | cps   |
| Bismuth    | 209-1 | 4742013  | 4779982  | 4750938  | 4757644  | 0.42   | cps   |
| Bismuth    | 209-2 | 1689616  | 1689000  | 1740918  | 1706512  | 1.75   | cps   |
| Boron      | 11-1  | 17286    | 17820    | 18863    | 17990    | 4.46   | cps   |
| Boron      | 10-1  | 3659     | 4376     | 3851     | 3962     | 9.37   | cps   |
| Cadmium    | 106-1 | 12898    | 12865    | 13816    | 13193    | 4.09   | cps   |
| Cadmium    | 108-1 | 8011     | 8069     | 7965     | 8015     | 0.65   | cps   |
| Cadmium    | 111-1 | 121693   | 126333   | 126513   | 124846   | 2.19   | cps   |
| Calcium    | 43-1  | 809609   | 828519   | 821716   | 819948   | 1.17   | cps   |
| Calcium    | 44-1  | 13150238 | 13487728 | 13416675 | 13351547 | 1.33   | cps   |
| Chromium   | 52-2  | 284527   | 283404   | 282040   | 283324   | 0.44   | cps   |
| Cobalt     | 59-2  | 1510561  | 1506655  | 1460818  | 1492678  | 1.85   | cps   |
| Copper     | 63-2  | 638470   | 635885   | 632638   | 635664   | 0.46   | cps   |
| Dysprosium | 156-1 | 83       | 108      | 75       | 89       | 19.52  | cps   |
| Dysprosium | 156-2 | 27       | 10       | 23       | 20       | 44.10  | cps   |
| Erbium     | 164-1 | 108      | 175      | 158      | 147      | 23.57  | cps   |
| Erbium     | 164-2 | 17       | 30       | 30       | 26       | 30.11  | cps   |
| Gadolinium | 160-1 | 133      | 175      | 192      | 167      | 18.03  | cps   |
| Gadolinium | 160-2 | 43       | 43       | 40       | 42       | 4.55   | cps   |
| Holmium    | 165-1 | 7910153  | 7970232  | 8102311  | 7994232  | 1.23   | cps   |
| Holmium    | 165-2 | 2255229  | 2233267  | 2248217  | 2245571  | 0.50   | cps   |
| Indium     | 115-1 | 7000436  | 7188933  | 7207423  | 7132264  | 1.61   | cps   |
| Indium     | 115-2 | 396751   | 398653   | 396150   | 397184   | 0.33   | cps   |
| Iron       | 56-2  | 956789   | 956450   | 953244   | 955494   | 0.20   | cps   |
| Iron       | 57-2  | 23993    | 24105    | 23988    | 24029    | 0.27   | cps   |
| Lead       | 206-1 | 121212   | 124516   | 126321   | 124017   | 2.09   | cps   |
| Lead       | 207-1 | 110718   | 111138   | 109373   | 110410   | 0.84   | cps   |
| Lead       | 208-1 | 491495   | 499038   | 500708   | 497081   | 0.99   | cps   |
| Lithium    | 6-1   | 1207035  | 1243653  | 1228229  | 1226306  | 1.50   | cps   |
| Magnesium  | 24-2  | 155238   | 155239   | 152425   | 154301   | 1.05   | cps   |
| Manganese  | 55-2  | 202086   | 201728   | 200550   | 201455   | 0.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:30:10 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 2167     | 2242     | 2134     | 2181     | 2.54   | cps   |
| Molybdenum | 94-1  | 1267     | 1400     | 1317     | 1328     | 5.07   | cps   |
| Molybdenum | 95-1  | 1267     | 1267     | 1342     | 1292     | 3.35   | cps   |
| Molybdenum | 96-1  | 1792     | 1717     | 1592     | 1700     | 5.94   | cps   |
| Molybdenum | 97-1  | 975      | 892      | 825      | 897      | 8.38   | cps   |
| Neodymium  | 150-1 | 273      | 187      | 173      | 211      | 25.72  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Nickel     | 60-2  | 431257   | 427165   | 423398   | 427274   | 0.92   | cps   |
| Phosphorus | 31-2  | 25       | 33       | 25       | 28       | 17.31  | cps   |
| Potassium  | 39-2  | 62021    | 63971    | 63996    | 63329    | 1.79   | cps   |
| Rhodium    | 103-1 | 6686074  | 6767196  | 6822359  | 6758543  | 1.01   | cps   |
| Rhodium    | 103-2 | 2143875  | 2107215  | 2090349  | 2113813  | 1.29   | cps   |
| Scandium   | 45-1  | 4586796  | 4599043  | 4632133  | 4605991  | 0.51   | cps   |
| Scandium   | 45-2  | 44122    | 44093    | 43828    | 44015    | 0.37   | cps   |
| Selenium   | 77-2  | 143      | 107      | 133      | 128      | 14.83  | cps   |
| Selenium   | 78-2  | 398      | 424      | 426      | 416      | 3.73   | cps   |
| Selenium   | 82-1  | 15819    | 16567    | 16190    | 16192    | 2.31   | cps   |
| Silicon    | 28-1  | 10534287 | 10843433 | 10773405 | 10717041 | 1.51   | cps   |
| Silver     | 109-1 | 532647   | 542821   | 539931   | 538466   | 0.97   | cps   |
| Silver     | 107-1 | 551640   | 567684   | 564763   | 561362   | 1.52   | cps   |
| Sodium     | 23-2  | 4352905  | 4337838  | 4355641  | 4348795  | 0.22   | cps   |
| Strontium  | 86-1  | 477322   | 485414   | 485695   | 482810   | 0.98   | cps   |
| Strontium  | 88-1  | 4213439  | 4324704  | 4276517  | 4271554  | 1.31   | cps   |
| Sulfur     | 34-1  | 540920   | 549948   | 539886   | 543585   | 1.02   | cps   |
| Terbium    | 159-1 | 8308560  | 8451352  | 8405109  | 8388341  | 0.87   | cps   |
| Terbium    | 159-2 | 2188846  | 2182252  | 2183712  | 2184937  | 0.16   | cps   |
| Thallium   | 203-1 | 373947   | 377247   | 381439   | 377545   | 0.99   | cps   |
| Thallium   | 205-1 | 891107   | 895244   | 908673   | 898342   | 1.02   | cps   |
| Tin        | 118-1 | 2250     | 2584     | 2700     | 2511     | 9.30   | cps   |
| Titanium   | 47-1  | 508      | 692      | 550      | 583      | 16.48  | cps   |
| Uranium    | 238-1 | 4126     | 4026     | 3884     | 4012     | 3.03   | cps   |
| Vanadium   | 51-2  | 511147   | 506267   | 507923   | 508446   | 0.49   | cps   |
| Yttrium    | 89-1  | 7714302  | 7800634  | 7734076  | 7749671  | 0.58   | cps   |
| Yttrium    | 89-2  | 298406   | 294682   | 291684   | 294924   | 1.14   | cps   |
| Zinc       | 66-2  | 115257   | 114743   | 115281   | 115094   | 0.26   | cps   |
| Zirconium  | 90-1  | 1642     | 1750     | 1558     | 1650     | 5.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:30:10 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 517  | 392  | 422     | 19.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:33:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 117      | 150      | 158      | 142      | 15.56  | cps   |
| Antimony   | 121-1 | 3067     | 2734     | 2617     | 2806     | 8.33   | cps   |
| Arsenic    | 75-2  | 181      | 174      | 222      | 193      | 13.46  | cps   |
| Barium     | 135-1 | 48557    | 48464    | 48766    | 48596    | 0.32   | cps   |
| Barium     | 137-1 | 84738    | 84000    | 83757    | 84165    | 0.61   | cps   |
| Beryllium  | 9-1   | 61       | 89       | 78       | 76       | 18.42  | cps   |
| Bismuth    | 209-1 | 4878705  | 4837546  | 4789815  | 4835355  | 0.92   | cps   |
| Bismuth    | 209-2 | 1798564  | 1709257  | 1715189  | 1741004  | 2.87   | cps   |
| Boron      | 11-1  | 17962    | 17636    | 17578    | 17725    | 1.17   | cps   |
| Boron      | 10-1  | 3609     | 3951     | 4067     | 3876     | 6.15   | cps   |
| Cadmium    | 106-1 | 1692     | 1575     | 1742     | 1670     | 5.12   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 25       | 17       | 43.30  | cps   |
| Cadmium    | 111-1 | 1192     | 1140     | 1248     | 1193     | 4.52   | cps   |
| Calcium    | 43-1  | 830187   | 819271   | 824496   | 824651   | 0.66   | cps   |
| Calcium    | 44-1  | 13696624 | 13366037 | 13489922 | 13517528 | 1.24   | cps   |
| Chromium   | 52-2  | 7009     | 6585     | 6575     | 6723     | 3.68   | cps   |
| Cobalt     | 59-2  | 290      | 290      | 177      | 252      | 25.94  | cps   |
| Copper     | 63-2  | 4511     | 4574     | 4334     | 4473     | 2.78   | cps   |
| Dysprosium | 156-1 | 133      | 50       | 125      | 103      | 44.66  | cps   |
| Dysprosium | 156-2 | 30       | 10       | 23       | 21       | 48.24  | cps   |
| Erbium     | 164-1 | 133      | 175      | 142      | 150      | 14.70  | cps   |
| Erbium     | 164-2 | 23       | 27       | 17       | 22       | 22.91  | cps   |
| Gadolinium | 160-1 | 175      | 133      | 133      | 147      | 16.34  | cps   |
| Gadolinium | 160-2 | 40       | 47       | 27       | 38       | 26.95  | cps   |
| Holmium    | 165-1 | 8120722  | 8090928  | 8096234  | 8102628  | 0.20   | cps   |
| Holmium    | 165-2 | 2270862  | 2266054  | 2274096  | 2270337  | 0.18   | cps   |
| Indium     | 115-1 | 7293917  | 7202855  | 7191992  | 7229588  | 0.77   | cps   |
| Indium     | 115-2 | 395113   | 398137   | 402974   | 398741   | 0.99   | cps   |
| Iron       | 56-2  | 40562    | 38745    | 38999    | 39436    | 2.49   | cps   |
| Iron       | 57-2  | 822      | 856      | 889      | 856      | 3.90   | cps   |
| Lead       | 206-1 | 694      | 694      | 728      | 706      | 2.73   | cps   |
| Lead       | 207-1 | 622      | 589      | 600      | 604      | 2.81   | cps   |
| Lead       | 208-1 | 2722     | 2639     | 2817     | 2726     | 3.26   | cps   |
| Lithium    | 6-1   | 1251516  | 1219783  | 1225655  | 1232318  | 1.37   | cps   |
| Magnesium  | 24-2  | 153537   | 153806   | 154211   | 153851   | 0.22   | cps   |
| Manganese  | 55-2  | 9213     | 9000     | 9123     | 9112     | 1.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:33:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 2009     | 1900     | 1884     | 1931     | 3.52    | cps   |
| Molybdenum | 94-1  | 1125     | 1142     | 1192     | 1153     | 3.01    | cps   |
| Molybdenum | 95-1  | 917      | 1042     | 1108     | 1022     | 9.52    | cps   |
| Molybdenum | 96-1  | 1358     | 1375     | 1300     | 1345     | 2.93    | cps   |
| Molybdenum | 97-1  | 725      | 833      | 925      | 828      | 12.10   | cps   |
| Neodymium  | 150-1 | 87       | 80       | 93       | 87       | 7.70    | cps   |
| Neodymium  | 150-2 | 10       | 10       | 20       | 13       | 43.30   | cps   |
| Nickel     | 60-2  | 523      | 463      | 487      | 491      | 6.16    | cps   |
| Phosphorus | 31-2  | 42       | 42       | 83       | 56       | 43.30   | cps   |
| Potassium  | 39-2  | 64574    | 63711    | 66047    | 64777    | 1.82    | cps   |
| Rhodium    | 103-1 | 6906361  | 6872754  | 6831603  | 6870239  | 0.54    | cps   |
| Rhodium    | 103-2 | 2115759  | 2100913  | 2153505  | 2123392  | 1.28    | cps   |
| Scandium   | 45-1  | 4775877  | 4706021  | 4645916  | 4709271  | 1.38    | cps   |
| Scandium   | 45-2  | 44052    | 44032    | 44925    | 44337    | 1.15    | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 2        | 2        | 2        | 2        | 0.00    | cps   |
| Selenium   | 82-1  | 2        | -61      | -111     | -57      | -100.50 | cps   |
| Silicon    | 28-1  | 10586804 | 10295932 | 10355506 | 10412747 | 1.48    | cps   |
| Silver     | 109-1 | 1300     | 1383     | 1292     | 1325     | 3.82    | cps   |
| Silver     | 107-1 | 1483     | 1408     | 1142     | 1345     | 13.36   | cps   |
| Sodium     | 23-2  | 4341833  | 4330113  | 4349807  | 4340584  | 0.23    | cps   |
| Strontium  | 86-1  | 487754   | 484160   | 483445   | 485120   | 0.48    | cps   |
| Strontium  | 88-1  | 4297024  | 4246159  | 4264414  | 4269199  | 0.60    | cps   |
| Sulfur     | 34-1  | 536351   | 535609   | 532286   | 534749   | 0.40    | cps   |
| Terbium    | 159-1 | 8604435  | 8537500  | 8454631  | 8532189  | 0.88    | cps   |
| Terbium    | 159-2 | 2177251  | 2132560  | 2204605  | 2171472  | 1.67    | cps   |
| Thallium   | 203-1 | 75       | 83       | 75       | 78       | 6.19    | cps   |
| Thallium   | 205-1 | 158      | 275      | 150      | 194      | 35.94   | cps   |
| Tin        | 118-1 | 1675     | 1492     | 1500     | 1556     | 6.66    | cps   |
| Titanium   | 47-1  | 308      | 458      | 408      | 392      | 19.50   | cps   |
| Uranium    | 238-1 | 4084     | 4068     | 3709     | 3954     | 5.36    | cps   |
| Vanadium   | 51-2  | 127      | 153      | 167      | 149      | 13.68   | cps   |
| Yttrium    | 89-1  | 7875849  | 7776066  | 7711194  | 7787703  | 1.07    | cps   |
| Yttrium    | 89-2  | 297001   | 294543   | 299541   | 297028   | 0.84    | cps   |
| Zinc       | 66-2  | 620      | 680      | 590      | 630      | 7.27    | cps   |
| Zirconium  | 90-1  | 1092     | 1267     | 1275     | 1211     | 8.55    | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:33:16 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 250  | 242  | 267     | 13.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:36:24 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 525      | 367      | 542      | 478      | 20.22  | cps   |
| Antimony   | 121-1 | 2392     | 2717     | 2625     | 2578     | 6.50   | cps   |
| Arsenic    | 75-2  | 215      | 176      | 189      | 193      | 10.25  | cps   |
| Barium     | 135-1 | 51970    | 51066    | 50455    | 51164    | 1.49   | cps   |
| Barium     | 137-1 | 89804    | 87456    | 88480    | 88580    | 1.33   | cps   |
| Beryllium  | 9-1   | 133      | 67       | 111      | 104      | 32.73  | cps   |
| Bismuth    | 209-1 | 4766207  | 4807713  | 4728142  | 4767354  | 0.83   | cps   |
| Bismuth    | 209-2 | 1754974  | 1681083  | 1754792  | 1730283  | 2.46   | cps   |
| Boron      | 11-1  | 18054    | 18229    | 17670    | 17984    | 1.59   | cps   |
| Boron      | 10-1  | 3609     | 3626     | 3784     | 3673     | 2.63   | cps   |
| Cadmium    | 106-1 | 1650     | 1600     | 1433     | 1561     | 7.27   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 21       | 15       | 41.67  | cps   |
| Cadmium    | 111-1 | 1185     | 1152     | 1014     | 1117     | 8.13   | cps   |
| Calcium    | 43-1  | 817732   | 813935   | 806623   | 812763   | 0.69   | cps   |
| Calcium    | 44-1  | 13450744 | 13420394 | 13519679 | 13463606 | 0.38   | cps   |
| Chromium   | 52-2  | 11402    | 11091    | 10978    | 11157    | 1.97   | cps   |
| Cobalt     | 59-2  | 423      | 463      | 433      | 440      | 4.73   | cps   |
| Copper     | 63-2  | 4411     | 4581     | 4337     | 4443     | 2.81   | cps   |
| Dysprosium | 156-1 | 217      | 250      | 267      | 244      | 10.41  | cps   |
| Dysprosium | 156-2 | 53       | 70       | 53       | 59       | 16.34  | cps   |
| Erbium     | 164-1 | 217      | 408      | 233      | 286      | 37.11  | cps   |
| Erbium     | 164-2 | 40       | 67       | 33       | 47       | 37.80  | cps   |
| Gadolinium | 160-1 | 342      | 283      | 308      | 311      | 9.41   | cps   |
| Gadolinium | 160-2 | 67       | 77       | 130      | 91       | 37.37  | cps   |
| Holmium    | 165-1 | 8025162  | 8009969  | 7958636  | 7997922  | 0.44   | cps   |
| Holmium    | 165-2 | 2251176  | 2248918  | 2243293  | 2247796  | 0.18   | cps   |
| Indium     | 115-1 | 7180388  | 7173520  | 7178792  | 7177567  | 0.05   | cps   |
| Indium     | 115-2 | 398185   | 397019   | 400686   | 398630   | 0.47   | cps   |
| Iron       | 56-2  | 115939   | 114876   | 112176   | 114330   | 1.70   | cps   |
| Iron       | 57-2  | 2917     | 2917     | 2811     | 2882     | 2.12   | cps   |
| Lead       | 206-1 | 1589     | 1683     | 1483     | 1585     | 6.31   | cps   |
| Lead       | 207-1 | 1372     | 1300     | 1356     | 1343     | 2.82   | cps   |
| Lead       | 208-1 | 6106     | 6112     | 6073     | 6097     | 0.34   | cps   |
| Lithium    | 6-1   | 1214978  | 1216219  | 1207692  | 1212963  | 0.38   | cps   |
| Magnesium  | 24-2  | 151753   | 151786   | 149595   | 151044   | 0.83   | cps   |
| Manganese  | 55-2  | 19888    | 19153    | 19891    | 19644    | 2.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:36:24 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 1850     | 2142     | 1967     | 1986     | 7.39   | cps   |
| Molybdenum | 94-1  | 1292     | 1225     | 1025     | 1181     | 11.76  | cps   |
| Molybdenum | 95-1  | 1108     | 1058     | 1017     | 1061     | 4.33   | cps   |
| Molybdenum | 96-1  | 1325     | 1283     | 1350     | 1320     | 2.55   | cps   |
| Molybdenum | 97-1  | 792      | 825      | 867      | 828      | 4.54   | cps   |
| Neodymium  | 150-1 | 240      | 213      | 280      | 244      | 13.73  | cps   |
| Neodymium  | 150-2 | 60       | 20       | 60       | 47       | 49.49  | cps   |
| Nickel     | 60-2  | 657      | 617      | 633      | 636      | 3.16   | cps   |
| Phosphorus | 31-2  | 67       | 83       | 58       | 69       | 18.33  | cps   |
| Potassium  | 39-2  | 64658    | 64683    | 62682    | 64007    | 1.79   | cps   |
| Rhodium    | 103-1 | 6908051  | 6873098  | 6846597  | 6875915  | 0.45   | cps   |
| Rhodium    | 103-2 | 2100287  | 2097051  | 2123681  | 2107006  | 0.69   | cps   |
| Scandium   | 45-1  | 4722409  | 4612741  | 4651679  | 4662276  | 1.19   | cps   |
| Scandium   | 45-2  | 44671    | 44166    | 43929    | 44255    | 0.86   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 6        | 4        | 4        | 24.86  | cps   |
| Selenium   | 82-1  | -92      | -6       | -34      | -44      | -99.02 | cps   |
| Silicon    | 28-1  | 10734722 | 10698695 | 10657247 | 10696888 | 0.36   | cps   |
| Silver     | 109-1 | 1192     | 1175     | 1392     | 1253     | 9.62   | cps   |
| Silver     | 107-1 | 1175     | 1142     | 1308     | 1208     | 7.30   | cps   |
| Sodium     | 23-2  | 4294631  | 4299648  | 4295249  | 4296509  | 0.06   | cps   |
| Strontium  | 86-1  | 488839   | 482969   | 478096   | 483302   | 1.11   | cps   |
| Strontium  | 88-1  | 4218806  | 4205978  | 4219372  | 4214719  | 0.18   | cps   |
| Sulfur     | 34-1  | 545845   | 544862   | 542681   | 544463   | 0.30   | cps   |
| Terbium    | 159-1 | 8479012  | 8375716  | 8334309  | 8396346  | 0.89   | cps   |
| Terbium    | 159-2 | 2196962  | 2195304  | 2148563  | 2180276  | 1.26   | cps   |
| Thallium   | 203-1 | 108      | 50       | 75       | 78       | 37.63  | cps   |
| Thallium   | 205-1 | 167      | 133      | 167      | 156      | 12.37  | cps   |
| Tin        | 118-1 | 1292     | 1483     | 1550     | 1442     | 9.30   | cps   |
| Titanium   | 47-1  | 958      | 1000     | 2420     | 1459     | 57.01  | cps   |
| Uranium    | 238-1 | 4051     | 3901     | 3826     | 3926     | 2.92   | cps   |
| Vanadium   | 51-2  | 193      | 200      | 213      | 202      | 5.04   | cps   |
| Yttrium    | 89-1  | 7833506  | 7798801  | 7709125  | 7780477  | 0.82   | cps   |
| Yttrium    | 89-2  | 297664   | 296293   | 296268   | 296742   | 0.27   | cps   |
| Zinc       | 66-2  | 827      | 867      | 890      | 861      | 3.72   | cps   |
| Zirconium  | 90-1  | 1400     | 1158     | 1342     | 1300     | 9.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:36:24 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 292  | 175  | 272     | 32.73  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:39:30 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 83       | 58       | 72       | 17.62  | cps   |
| Antimony   | 121-1 | 2375     | 2700     | 2700     | 2592     | 7.24   | cps   |
| Arsenic    | 75-2  | 193      | 204      | 181      | 193      | 5.77   | cps   |
| Barium     | 135-1 | 49226    | 49251    | 47720    | 48732    | 1.80   | cps   |
| Barium     | 137-1 | 85225    | 85476    | 85761    | 85487    | 0.31   | cps   |
| Beryllium  | 9-1   | 61       | 89       | 122      | 91       | 33.72  | cps   |
| Bismuth    | 209-1 | 4863986  | 4834416  | 4849171  | 4849191  | 0.30   | cps   |
| Bismuth    | 209-2 | 1845577  | 1774964  | 1775761  | 1798767  | 2.25   | cps   |
| Boron      | 11-1  | 17203    | 18296    | 17536    | 17678    | 3.17   | cps   |
| Boron      | 10-1  | 3742     | 3784     | 3376     | 3634     | 6.19   | cps   |
| Cadmium    | 106-1 | 1817     | 1475     | 1567     | 1620     | 10.92  | cps   |
| Cadmium    | 108-1 | 21       | 13       | 13       | 15       | 31.48  | cps   |
| Cadmium    | 111-1 | 1274     | 1057     | 1130     | 1154     | 9.56   | cps   |
| Calcium    | 43-1  | 823067   | 831559   | 828209   | 827611   | 0.52   | cps   |
| Calcium    | 44-1  | 13536765 | 13747507 | 13517146 | 13600473 | 0.94   | cps   |
| Chromium   | 52-2  | 5001     | 4868     | 4878     | 4915     | 1.51   | cps   |
| Cobalt     | 59-2  | 253      | 267      | 287      | 269      | 6.24   | cps   |
| Copper     | 63-2  | 4131     | 4057     | 4147     | 4112     | 1.16   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 50       | 78       | 37.63  | cps   |
| Dysprosium | 156-2 | 50       | 13       | 23       | 29       | 65.62  | cps   |
| Erbium     | 164-1 | 133      | 150      | 100      | 128      | 19.93  | cps   |
| Erbium     | 164-2 | 37       | 40       | 23       | 33       | 26.47  | cps   |
| Gadolinium | 160-1 | 133      | 108      | 158      | 133      | 18.75  | cps   |
| Gadolinium | 160-2 | 37       | 63       | 37       | 46       | 33.79  | cps   |
| Holmium    | 165-1 | 8148371  | 8177003  | 8114968  | 8146781  | 0.38   | cps   |
| Holmium    | 165-2 | 2350432  | 2311161  | 2282288  | 2314627  | 1.48   | cps   |
| Indium     | 115-1 | 7343137  | 7344049  | 7261900  | 7316362  | 0.64   | cps   |
| Indium     | 115-2 | 407066   | 405363   | 404638   | 405689   | 0.31   | cps   |
| Iron       | 56-2  | 34192    | 34889    | 33546    | 34209    | 1.96   | cps   |
| Iron       | 57-2  | 1061     | 850      | 828      | 913      | 14.11  | cps   |
| Lead       | 206-1 | 756      | 706      | 739      | 733      | 3.47   | cps   |
| Lead       | 207-1 | 583      | 672      | 700      | 652      | 9.35   | cps   |
| Lead       | 208-1 | 2906     | 2850     | 2922     | 2893     | 1.31   | cps   |
| Lithium    | 6-1   | 1205815  | 1227676  | 1232074  | 1221855  | 1.15   | cps   |
| Magnesium  | 24-2  | 157925   | 153606   | 154639   | 155390   | 1.45   | cps   |
| Manganese  | 55-2  | 5408     | 5531     | 5441     | 5460     | 1.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:39:30 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 1742     | 1575     | 1734     | 1684     | 5.58   | cps   |
| Molybdenum | 94-1  | 958      | 1058     | 992      | 1003     | 5.08   | cps   |
| Molybdenum | 95-1  | 1042     | 1158     | 1117     | 1106     | 5.35   | cps   |
| Molybdenum | 96-1  | 1325     | 1483     | 1192     | 1333     | 10.95  | cps   |
| Molybdenum | 97-1  | 867      | 758      | 783      | 803      | 7.07   | cps   |
| Neodymium  | 150-1 | 100      | 73       | 60       | 78       | 26.18  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 10       | 10       | 0.00   | cps   |
| Nickel     | 60-2  | 520      | 527      | 500      | 516      | 2.69   | cps   |
| Phosphorus | 31-2  | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Potassium  | 39-2  | 64440    | 64842    | 66406    | 65229    | 1.59   | cps   |
| Rhodium    | 103-1 | 6880183  | 6966970  | 6945258  | 6930804  | 0.65   | cps   |
| Rhodium    | 103-2 | 2152580  | 2143923  | 2159748  | 2152084  | 0.37   | cps   |
| Scandium   | 45-1  | 4766736  | 4773280  | 4745553  | 4761856  | 0.30   | cps   |
| Scandium   | 45-2  | 45099    | 45550    | 45283    | 45311    | 0.50   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 7        | 4        | 0        | 4        | 100.05 | cps   |
| Selenium   | 82-1  | 23       | 37       | 6        | 22       | 71.45  | cps   |
| Silicon    | 28-1  | 11024404 | 10747495 | 10754503 | 10842134 | 1.46   | cps   |
| Silver     | 109-1 | 950      | 1058     | 1067     | 1025     | 6.35   | cps   |
| Silver     | 107-1 | 925      | 1075     | 1283     | 1095     | 16.44  | cps   |
| Sodium     | 23-2  | 4437104  | 4386687  | 4383656  | 4402483  | 0.68   | cps   |
| Strontium  | 86-1  | 488118   | 494094   | 491112   | 491108   | 0.61   | cps   |
| Strontium  | 88-1  | 4335746  | 4339615  | 4343296  | 4339553  | 0.09   | cps   |
| Sulfur     | 34-1  | 536137   | 537958   | 538300   | 537465   | 0.22   | cps   |
| Terbium    | 159-1 | 8485084  | 8660328  | 8492615  | 8546009  | 1.16   | cps   |
| Terbium    | 159-2 | 2240461  | 2258990  | 2215242  | 2238231  | 0.98   | cps   |
| Thallium   | 203-1 | 67       | 50       | 58       | 58       | 14.29  | cps   |
| Thallium   | 205-1 | 142      | 158      | 150      | 150      | 5.56   | cps   |
| Tin        | 118-1 | 1033     | 1392     | 1275     | 1233     | 14.82  | cps   |
| Titanium   | 47-1  | 567      | 425      | 500      | 497      | 14.26  | cps   |
| Uranium    | 238-1 | 4143     | 3701     | 3776     | 3873     | 6.10   | cps   |
| Vanadium   | 51-2  | 210      | 177      | 187      | 191      | 8.95   | cps   |
| Yttrium    | 89-1  | 7901829  | 8019044  | 7827703  | 7916192  | 1.22   | cps   |
| Yttrium    | 89-2  | 302294   | 299269   | 302023   | 301195   | 0.56   | cps   |
| Zinc       | 66-2  | 583      | 563      | 590      | 579      | 2.40   | cps   |
| Zirconium  | 90-1  | 1853     | 1200     | 1250     | 1434     | 25.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:39:30 | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 317  | 258  | 261     | 20.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:42:37 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142      | 225      | 175      | 181      | 23.23  | cps   |
| Antimony   | 121-1 | 2634     | 2642     | 2800     | 2692     | 3.49   | cps   |
| Arsenic    | 75-2  | 237      | 215      | 224      | 225      | 4.95   | cps   |
| Barium     | 135-1 | 47503    | 46182    | 46416    | 46700    | 1.51   | cps   |
| Barium     | 137-1 | 83740    | 81258    | 81317    | 82105    | 1.73   | cps   |
| Beryllium  | 9-1   | 72       | 33       | 67       | 57       | 36.64  | cps   |
| Bismuth    | 209-1 | 4870999  | 4807808  | 4814547  | 4831118  | 0.72   | cps   |
| Bismuth    | 209-2 | 1776263  | 1809355  | 1819098  | 1801572  | 1.25   | cps   |
| Boron      | 11-1  | 16260    | 15993    | 17011    | 16421    | 3.21   | cps   |
| Boron      | 10-1  | 3184     | 3709     | 3634     | 3509     | 8.09   | cps   |
| Cadmium    | 106-1 | 1559     | 1692     | 1617     | 1622     | 4.12   | cps   |
| Cadmium    | 108-1 | 4        | 4        | 4        | 4        | 0.00   | cps   |
| Cadmium    | 111-1 | 1113     | 1194     | 1146     | 1151     | 3.54   | cps   |
| Calcium    | 43-1  | 786393   | 772584   | 772481   | 777153   | 1.03   | cps   |
| Calcium    | 44-1  | 13065810 | 12741340 | 12664198 | 12823783 | 1.66   | cps   |
| Chromium   | 52-2  | 997      | 1017     | 1057     | 1023     | 2.99   | cps   |
| Cobalt     | 59-2  | 387      | 303      | 313      | 334      | 13.61  | cps   |
| Copper     | 63-2  | 4294     | 4131     | 4234     | 4220     | 1.96   | cps   |
| Dysprosium | 156-1 | 100      | 142      | 150      | 131      | 20.52  | cps   |
| Dysprosium | 156-2 | 40       | 27       | 30       | 32       | 21.53  | cps   |
| Erbium     | 164-1 | 133      | 100      | 100      | 111      | 17.32  | cps   |
| Erbium     | 164-2 | 23       | 20       | 53       | 32       | 56.98  | cps   |
| Gadolinium | 160-1 | 150      | 175      | 167      | 164      | 7.77   | cps   |
| Gadolinium | 160-2 | 33       | 67       | 63       | 54       | 33.72  | cps   |
| Holmium    | 165-1 | 8122911  | 8116901  | 8111405  | 8117072  | 0.07   | cps   |
| Holmium    | 165-2 | 2295010  | 2275894  | 2305886  | 2292263  | 0.66   | cps   |
| Indium     | 115-1 | 7400170  | 7297897  | 7378888  | 7358985  | 0.73   | cps   |
| Indium     | 115-2 | 404364   | 402845   | 402014   | 403075   | 0.30   | cps   |
| Iron       | 56-2  | 74751    | 78135    | 76749    | 76545    | 2.22   | cps   |
| Iron       | 57-2  | 2028     | 2011     | 2084     | 2041     | 1.85   | cps   |
| Lead       | 206-1 | 861      | 900      | 922      | 895      | 3.46   | cps   |
| Lead       | 207-1 | 761      | 772      | 639      | 724      | 10.22  | cps   |
| Lead       | 208-1 | 3534     | 3434     | 3272     | 3413     | 3.86   | cps   |
| Lithium    | 6-1   | 1242187  | 1242643  | 1243761  | 1242863  | 0.07   | cps   |
| Magnesium  | 24-2  | 142995   | 144409   | 142802   | 143402   | 0.61   | cps   |
| Manganese  | 55-2  | 15622    | 15412    | 15606    | 15547    | 0.75   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:42:37 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 98-1  | 1734     | 1625     | 1659     | 1672     | 3.32    | cps   |
| Molybdenum | 94-1  | 1033     | 1033     | 967      | 1011     | 3.81    | cps   |
| Molybdenum | 95-1  | 1067     | 875      | 1192     | 1045     | 15.27   | cps   |
| Molybdenum | 96-1  | 1317     | 1258     | 1358     | 1311     | 3.83    | cps   |
| Molybdenum | 97-1  | 858      | 758      | 825      | 814      | 6.26    | cps   |
| Neodymium  | 150-1 | 120      | 107      | 113      | 113      | 5.88    | cps   |
| Neodymium  | 150-2 | 10       | 13       | 20       | 14       | 35.26   | cps   |
| Nickel     | 60-2  | 557      | 667      | 597      | 607      | 9.18    | cps   |
| Phosphorus | 31-2  | 58       | 83       | 100      | 81       | 26.03   | cps   |
| Potassium  | 39-2  | 64097    | 65620    | 64590    | 64769    | 1.20    | cps   |
| Rhodium    | 103-1 | 6928595  | 6923639  | 6958791  | 6937008  | 0.27    | cps   |
| Rhodium    | 103-2 | 2176236  | 2178372  | 2125789  | 2160132  | 1.38    | cps   |
| Scandium   | 45-1  | 4778958  | 4733561  | 4686373  | 4732964  | 0.98    | cps   |
| Scandium   | 45-2  | 45330    | 45049    | 45263    | 45214    | 0.32    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30   | cps   |
| Selenium   | 82-1  | -27      | -28      | 24       | -10      | -298.10 | cps   |
| Silicon    | 28-1  | 10935909 | 10874276 | 10870979 | 10893721 | 0.34    | cps   |
| Silver     | 109-1 | 992      | 1192     | 1142     | 1108     | 9.39    | cps   |
| Silver     | 107-1 | 1000     | 1133     | 1142     | 1092     | 7.28    | cps   |
| Sodium     | 23-2  | 4117587  | 4064853  | 4136686  | 4106375  | 0.91    | cps   |
| Strontium  | 86-1  | 397259   | 399604   | 397446   | 398103   | 0.33    | cps   |
| Strontium  | 88-1  | 3559827  | 3529261  | 3502880  | 3530656  | 0.81    | cps   |
| Sulfur     | 34-1  | 514841   | 517689   | 512901   | 515143   | 0.47    | cps   |
| Terbium    | 159-1 | 8575759  | 8464989  | 8538814  | 8526521  | 0.66    | cps   |
| Terbium    | 159-2 | 2253980  | 2180865  | 2201896  | 2212247  | 1.70    | cps   |
| Thallium   | 203-1 | 58       | 83       | 92       | 78       | 22.30   | cps   |
| Thallium   | 205-1 | 133      | 100      | 100      | 111      | 17.32   | cps   |
| Tin        | 118-1 | 1167     | 1342     | 1300     | 1270     | 7.20    | cps   |
| Titanium   | 47-1  | 500      | 608      | 550      | 553      | 9.81    | cps   |
| Uranium    | 238-1 | 3559     | 3117     | 3284     | 3320     | 6.72    | cps   |
| Vanadium   | 51-2  | 183      | 200      | 170      | 184      | 8.15    | cps   |
| Yttrium    | 89-1  | 7970201  | 7863065  | 7895653  | 7909640  | 0.69    | cps   |
| Yttrium    | 89-2  | 300941   | 301760   | 302261   | 301654   | 0.22    | cps   |
| Zinc       | 66-2  | 680      | 793      | 790      | 754      | 8.55    | cps   |
| Zirconium  | 90-1  | 1150     | 1333     | 1292     | 1258     | 7.64    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 18:42:37 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 250  | 183  | 236     | 20.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:45:43 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 33      | 17      | 19      | 65.47  | cps   |
| Antimony   | 121-1 | 300     | 183     | 175     | 219     | 31.85  | cps   |
| Arsenic    | 75-2  | 20      | 7       | 6       | 11      | 72.61  | cps   |
| Barium     | 135-1 | 4526    | 4326    | 4368    | 4406    | 2.40   | cps   |
| Barium     | 137-1 | 7811    | 7894    | 8061    | 7922    | 1.61   | cps   |
| Beryllium  | 9-1   | 83      | 100     | 61      | 81      | 23.95  | cps   |
| Bismuth    | 209-1 | 4576945 | 4617591 | 4547673 | 4580736 | 0.77   | cps   |
| Bismuth    | 209-2 | 1654349 | 1663156 | 1663885 | 1660463 | 0.32   | cps   |
| Boron      | 11-1  | 3267    | 3709    | 3592    | 3523    | 6.50   | cps   |
| Boron      | 10-1  | 650     | 758     | 692     | 700     | 7.81   | cps   |
| Cadmium    | 106-1 | 1433    | 1433    | 1383    | 1417    | 2.04   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 4       | 7       | 69.23  | cps   |
| Cadmium    | 111-1 | 1021    | 1007    | 970     | 999     | 2.67   | cps   |
| Calcium    | 43-1  | 53327   | 54457   | 52867   | 53551   | 1.53   | cps   |
| Calcium    | 44-1  | 883113  | 879776  | 884870  | 882587  | 0.29   | cps   |
| Chromium   | 52-2  | 1253    | 1187    | 1153    | 1198    | 4.25   | cps   |
| Cobalt     | 59-2  | 27      | 50      | 63      | 47      | 39.76  | cps   |
| Copper     | 63-2  | 820     | 740     | 747     | 769     | 5.77   | cps   |
| Dysprosium | 156-1 | 25      | 0       | 17      | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Erbium     | 164-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Gadolinium | 160-1 | 75      | 33      | 108     | 72      | 52.04  | cps   |
| Gadolinium | 160-2 | 17      | 30      | 10      | 19      | 53.91  | cps   |
| Holmium    | 165-1 | 7682715 | 7795032 | 7654317 | 7710688 | 0.97   | cps   |
| Holmium    | 165-2 | 2190017 | 2200126 | 2217393 | 2202512 | 0.63   | cps   |
| Indium     | 115-1 | 6887261 | 6882543 | 6884373 | 6884725 | 0.03   | cps   |
| Indium     | 115-2 | 388824  | 395641  | 392958  | 392474  | 0.87   | cps   |
| Iron       | 56-2  | 7163    | 6869    | 6652    | 6895    | 3.73   | cps   |
| Iron       | 57-2  | 189     | 233     | 167     | 196     | 17.29  | cps   |
| Lead       | 206-1 | 367     | 411     | 428     | 402     | 7.86   | cps   |
| Lead       | 207-1 | 400     | 406     | 411     | 406     | 1.37   | cps   |
| Lead       | 208-1 | 1645    | 1756    | 1700    | 1700    | 3.27   | cps   |
| Lithium    | 6-1   | 1129029 | 1152797 | 1133666 | 1138497 | 1.11   | cps   |
| Magnesium  | 24-2  | 9712    | 9278    | 9170    | 9387    | 3.06   | cps   |
| Manganese  | 55-2  | 1247    | 1300    | 1323    | 1290    | 3.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:45:43 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 117     | 83      | 92      | 97      | 17.84  | cps   |
| Molybdenum | 94-1  | 375     | 225     | 283     | 294     | 25.68  | cps   |
| Molybdenum | 95-1  | 67      | 67      | 67      | 67      | 0.00   | cps   |
| Molybdenum | 96-1  | 108     | 225     | 108     | 147     | 45.75  | cps   |
| Molybdenum | 97-1  | 58      | 192     | 117     | 122     | 54.69  | cps   |
| Neodymium  | 150-1 | 20      | 20      | 20      | 20      | 0.00   | cps   |
| Neodymium  | 150-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Nickel     | 60-2  | 163     | 150     | 160     | 158     | 4.40   | cps   |
| Phosphorus | 31-2  | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Potassium  | 39-2  | 6610    | 6727    | 6185    | 6507    | 4.38   | cps   |
| Rhodium    | 103-1 | 6579211 | 6694306 | 6557968 | 6610495 | 1.11   | cps   |
| Rhodium    | 103-2 | 2104752 | 2093177 | 2069144 | 2089025 | 0.87   | cps   |
| Scandium   | 45-1  | 4451310 | 4458762 | 4487830 | 4465967 | 0.43   | cps   |
| Scandium   | 45-2  | 42698   | 43169   | 43517   | 43128   | 0.95   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 0       | 4       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | -51     | -9      | -24     | -28     | -75.38 | cps   |
| Silicon    | 28-1  | 963448  | 943772  | 955196  | 954139  | 1.04   | cps   |
| Silver     | 109-1 | 508     | 292     | 325     | 375     | 31.11  | cps   |
| Silver     | 107-1 | 392     | 442     | 392     | 408     | 7.07   | cps   |
| Sodium     | 23-2  | 410481  | 411970  | 410988  | 411146  | 0.18   | cps   |
| Strontium  | 86-1  | 41314   | 42894   | 41556   | 41921   | 2.03   | cps   |
| Strontium  | 88-1  | 354829  | 359519  | 358686  | 357678  | 0.70   | cps   |
| Sulfur     | 34-1  | 418567  | 414704  | 416881  | 416717  | 0.46   | cps   |
| Terbium    | 159-1 | 7974889 | 8110327 | 8093952 | 8059723 | 0.92   | cps   |
| Terbium    | 159-2 | 2126941 | 2136617 | 2117856 | 2127138 | 0.44   | cps   |
| Thallium   | 203-1 | 33      | 33      | 42      | 36      | 13.33  | cps   |
| Thallium   | 205-1 | 183     | 100     | 108     | 131     | 35.16  | cps   |
| Tin        | 118-1 | 725     | 725     | 608     | 686     | 9.82   | cps   |
| Titanium   | 47-1  | 267     | 250     | 192     | 236     | 16.68  | cps   |
| Uranium    | 238-1 | 275     | 167     | 292     | 244     | 27.76  | cps   |
| Vanadium   | 51-2  | 27      | 47      | 23      | 32      | 39.17  | cps   |
| Yttrium    | 89-1  | 7473745 | 7418246 | 7452569 | 7448186 | 0.38   | cps   |
| Yttrium    | 89-2  | 287581  | 290204  | 290720  | 289502  | 0.58   | cps   |
| Zinc       | 66-2  | 150     | 153     | 143     | 149     | 3.42   | cps   |
| Zirconium  | 90-1  | 533     | 458     | 450     | 481     | 9.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY0              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:45:43 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 175  | 75   | 131     | 39.00  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:48:53 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Antimony   | 121-1 | 192     | 300     | 258     | 250     | 21.86  | cps   |
| Arsenic    | 75-2  | 9       | 15      | 7       | 10      | 36.70  | cps   |
| Barium     | 135-1 | 3634    | 3692    | 3767    | 3698    | 1.81   | cps   |
| Barium     | 137-1 | 6585    | 6702    | 6385    | 6557    | 2.44   | cps   |
| Beryllium  | 9-1   | 100     | 117     | 72      | 96      | 23.32  | cps   |
| Bismuth    | 209-1 | 4619060 | 4563193 | 4634007 | 4605420 | 0.81   | cps   |
| Bismuth    | 209-2 | 1684575 | 1677491 | 1688645 | 1683570 | 0.34   | cps   |
| Boron      | 11-1  | 2584    | 2775    | 2717    | 2692    | 3.65   | cps   |
| Boron      | 10-1  | 658     | 658     | 608     | 642     | 4.50   | cps   |
| Cadmium    | 106-1 | 1634    | 1275    | 1417    | 1442    | 12.52  | cps   |
| Cadmium    | 108-1 | 13      | 13      | 0       | 8       | 86.60  | cps   |
| Cadmium    | 111-1 | 1135    | 896     | 1013    | 1015    | 11.75  | cps   |
| Calcium    | 43-1  | 51428   | 51378   | 50969   | 51258   | 0.49   | cps   |
| Calcium    | 44-1  | 852597  | 852951  | 857250  | 854266  | 0.30   | cps   |
| Chromium   | 52-2  | 1443    | 1423    | 1377    | 1415    | 2.42   | cps   |
| Cobalt     | 59-2  | 47      | 47      | 67      | 53      | 21.65  | cps   |
| Copper     | 63-2  | 647     | 693     | 713     | 684     | 5.00   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 25      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 10      | 0       | 0       | 3       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 25      | 42      | 44      | 47.19  | cps   |
| Erbium     | 164-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Gadolinium | 160-1 | 75      | 50      | 25      | 50      | 50.00  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 7640979 | 7692546 | 7612537 | 7648687 | 0.53   | cps   |
| Holmium    | 165-2 | 2211166 | 2237715 | 2206972 | 2218618 | 0.75   | cps   |
| Indium     | 115-1 | 6871508 | 6957271 | 6985492 | 6938090 | 0.86   | cps   |
| Indium     | 115-2 | 397932  | 399002  | 395956  | 397630  | 0.39   | cps   |
| Iron       | 56-2  | 5557    | 5624    | 5096    | 5425    | 5.30   | cps   |
| Iron       | 57-2  | 156     | 167     | 139     | 154     | 9.10   | cps   |
| Lead       | 206-1 | 456     | 450     | 461     | 456     | 1.22   | cps   |
| Lead       | 207-1 | 372     | 317     | 300     | 330     | 11.47  | cps   |
| Lead       | 208-1 | 1611    | 1650    | 1572    | 1611    | 2.41   | cps   |
| Lithium    | 6-1   | 1144037 | 1120243 | 1135659 | 1133313 | 1.06   | cps   |
| Magnesium  | 24-2  | 8953    | 8653    | 9203    | 8937    | 3.08   | cps   |
| Manganese  | 55-2  | 770     | 783     | 703     | 752     | 5.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:48:53 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 250     | 167     | 150     | 189     | 28.36   | cps   |
| Molybdenum | 94-1  | 225     | 258     | 225     | 236     | 8.15    | cps   |
| Molybdenum | 95-1  | 158     | 67      | 125     | 117     | 39.77   | cps   |
| Molybdenum | 96-1  | 200     | 283     | 242     | 242     | 17.24   | cps   |
| Molybdenum | 97-1  | 167     | 208     | 292     | 222     | 28.64   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 0       | 13      | 86.60   | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 267     | 283     | 347     | 299     | 14.12   | cps   |
| Phosphorus | 31-2  | 17      | 0       | 8       | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 6452    | 6010    | 6527    | 6329    | 4.41    | cps   |
| Rhodium    | 103-1 | 6671310 | 6685729 | 6668044 | 6675027 | 0.14    | cps   |
| Rhodium    | 103-2 | 2110078 | 2130490 | 2106844 | 2115804 | 0.61    | cps   |
| Scandium   | 45-1  | 4489366 | 4468683 | 4451599 | 4469883 | 0.42    | cps   |
| Scandium   | 45-2  | 42685   | 43026   | 43002   | 42904   | 0.44    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 7       | 6       | 5       | 57.32   | cps   |
| Selenium   | 82-1  | -108    | 0       | 17      | -30     | -223.41 | cps   |
| Silicon    | 28-1  | 1033850 | 1017453 | 1022658 | 1024654 | 0.82    | cps   |
| Silver     | 109-1 | 225     | 283     | 308     | 272     | 15.71   | cps   |
| Silver     | 107-1 | 325     | 342     | 350     | 339     | 3.76    | cps   |
| Sodium     | 23-2  | 421493  | 417897  | 420131  | 419840  | 0.43    | cps   |
| Strontium  | 86-1  | 37527   | 35982   | 37218   | 36909   | 2.22    | cps   |
| Strontium  | 88-1  | 317406  | 313747  | 317249  | 316134  | 0.65    | cps   |
| Sulfur     | 34-1  | 421217  | 420452  | 420579  | 420750  | 0.10    | cps   |
| Terbium    | 159-1 | 8043801 | 7988117 | 8070400 | 8034106 | 0.52    | cps   |
| Terbium    | 159-2 | 2167189 | 2159236 | 2161333 | 2162586 | 0.19    | cps   |
| Thallium   | 203-1 | 108     | 33      | 33      | 58      | 74.24   | cps   |
| Thallium   | 205-1 | 108     | 108     | 125     | 114     | 8.45    | cps   |
| Tin        | 118-1 | 692     | 683     | 492     | 622     | 18.18   | cps   |
| Titanium   | 47-1  | 242     | 167     | 267     | 225     | 23.13   | cps   |
| Uranium    | 238-1 | 250     | 317     | 225     | 264     | 17.96   | cps   |
| Vanadium   | 51-2  | 30      | 13      | 20      | 21      | 39.75   | cps   |
| Yttrium    | 89-1  | 7506382 | 7533695 | 7442873 | 7494317 | 0.62    | cps   |
| Yttrium    | 89-2  | 291339  | 294042  | 292474  | 292618  | 0.46    | cps   |
| Zinc       | 66-2  | 180     | 193     | 193     | 189     | 4.08    | cps   |
| Zirconium  | 90-1  | 567     | 483     | 492     | 514     | 8.93    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY1              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:48:53 | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 150  | 67   | 122     | 39.37  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:52:01 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 17      | 8       | 19      | 65.47  | cps   |
| Antimony   | 121-1 | 275     | 150     | 233     | 219     | 29.00  | cps   |
| Arsenic    | 75-2  | 15      | 13      | 11      | 13      | 14.27  | cps   |
| Barium     | 135-1 | 2634    | 2317    | 2717    | 2556    | 8.26   | cps   |
| Barium     | 137-1 | 4534    | 4259    | 4668    | 4487    | 4.64   | cps   |
| Beryllium  | 9-1   | 100     | 72      | 44      | 72      | 38.46  | cps   |
| Bismuth    | 209-1 | 4555786 | 4282007 | 4632788 | 4490193 | 4.11   | cps   |
| Bismuth    | 209-2 | 1686844 | 1673452 | 1684137 | 1681478 | 0.42   | cps   |
| Boron      | 11-1  | 2684    | 2259    | 2542    | 2495    | 8.68   | cps   |
| Boron      | 10-1  | 533     | 575     | 675     | 594     | 12.25  | cps   |
| Cadmium    | 106-1 | 1325    | 1467    | 1342    | 1378    | 5.62   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Cadmium    | 111-1 | 930     | 1038    | 938     | 968     | 6.20   | cps   |
| Calcium    | 43-1  | 42498   | 42324   | 41930   | 42251   | 0.69   | cps   |
| Calcium    | 44-1  | 705009  | 711220  | 702222  | 706150  | 0.65   | cps   |
| Chromium   | 52-2  | 1387    | 1547    | 1480    | 1471    | 5.46   | cps   |
| Cobalt     | 59-2  | 20      | 40      | 33      | 31      | 32.73  | cps   |
| Copper     | 63-2  | 650     | 670     | 593     | 638     | 6.24   | cps   |
| Dysprosium | 156-1 | 8       | 33      | 17      | 19      | 65.47  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 42      | 25      | 25      | 66.68  | cps   |
| Erbium     | 164-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 67      | 67      | 33      | 56      | 34.63  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 7649201 | 7102005 | 7691149 | 7480785 | 4.39   | cps   |
| Holmium    | 165-2 | 2235637 | 2185883 | 2239794 | 2220438 | 1.35   | cps   |
| Indium     | 115-1 | 6954549 | 6382665 | 6906278 | 6747831 | 4.70   | cps   |
| Indium     | 115-2 | 397864  | 392914  | 393635  | 394804  | 0.68   | cps   |
| Iron       | 56-2  | 4929    | 4895    | 4979    | 4934    | 0.85   | cps   |
| Iron       | 57-2  | 133     | 89      | 89      | 104     | 24.75  | cps   |
| Lead       | 206-1 | 467     | 339     | 411     | 406     | 15.80  | cps   |
| Lead       | 207-1 | 317     | 456     | 394     | 389     | 17.90  | cps   |
| Lead       | 208-1 | 1806    | 1695    | 1761    | 1754    | 3.19   | cps   |
| Lithium    | 6-1   | 1155452 | 1066820 | 1141156 | 1121143 | 4.24   | cps   |
| Magnesium  | 24-2  | 7811    | 7986    | 7494    | 7764    | 3.21   | cps   |
| Manganese  | 55-2  | 363     | 367     | 283     | 338     | 13.97  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:52:01 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 675     | 667     | 592     | 644     | 7.12   | cps   |
| Molybdenum | 94-1  | 458     | 400     | 300     | 386     | 20.74  | cps   |
| Molybdenum | 95-1  | 450     | 375     | 417     | 414     | 9.08   | cps   |
| Molybdenum | 96-1  | 492     | 475     | 508     | 492     | 3.39   | cps   |
| Molybdenum | 97-1  | 325     | 333     | 408     | 356     | 12.91  | cps   |
| Neodymium  | 150-1 | 13      | 13      | 40      | 22      | 69.30  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 163     | 110     | 150     | 141     | 19.67  | cps   |
| Phosphorus | 31-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 6752    | 6560    | 6418    | 6577    | 2.55   | cps   |
| Rhodium    | 103-1 | 6696977 | 6195948 | 6635564 | 6509496 | 4.20   | cps   |
| Rhodium    | 103-2 | 2094026 | 2067961 | 2086097 | 2082695 | 0.64   | cps   |
| Scandium   | 45-1  | 4484426 | 4167838 | 4432953 | 4361739 | 3.89   | cps   |
| Scandium   | 45-2  | 43380   | 42534   | 43852   | 43255   | 1.54   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 2       | 7       | 4       | 65.54  | cps   |
| Selenium   | 82-1  | -40     | -54     | -91     | -62     | -42.91 | cps   |
| Silicon    | 28-1  | 930420  | 907297  | 909568  | 915761  | 1.39   | cps   |
| Silver     | 109-1 | 283     | 292     | 242     | 272     | 9.84   | cps   |
| Silver     | 107-1 | 317     | 350     | 258     | 308     | 15.05  | cps   |
| Sodium     | 23-2  | 212617  | 211829  | 210780  | 211742  | 0.44   | cps   |
| Strontium  | 86-1  | 24848   | 25016   | 24757   | 24874   | 0.53   | cps   |
| Strontium  | 88-1  | 206668  | 211288  | 205525  | 207827  | 1.47   | cps   |
| Sulfur     | 34-1  | 424309  | 419986  | 417455  | 420584  | 0.82   | cps   |
| Terbium    | 159-1 | 8108804 | 7449776 | 7892573 | 7817051 | 4.30   | cps   |
| Terbium    | 159-2 | 2150340 | 2157832 | 2154727 | 2154300 | 0.17   | cps   |
| Thallium   | 203-1 | 75      | 83      | 58      | 72      | 17.62  | cps   |
| Thallium   | 205-1 | 125     | 100     | 117     | 114     | 11.18  | cps   |
| Tin        | 118-1 | 475     | 758     | 700     | 644     | 23.22  | cps   |
| Titanium   | 47-1  | 208     | 217     | 200     | 208     | 4.00   | cps   |
| Uranium    | 238-1 | 217     | 242     | 233     | 231     | 5.52   | cps   |
| Vanadium   | 51-2  | 0       | 23      | 23      | 16      | 86.60  | cps   |
| Yttrium    | 89-1  | 7453863 | 6999622 | 7428343 | 7293943 | 3.50   | cps   |
| Yttrium    | 89-2  | 290798  | 289916  | 292032  | 290916  | 0.37   | cps   |
| Zinc       | 66-2  | 87      | 110     | 123     | 107     | 17.40  | cps   |
| Zirconium  | 90-1  | 542     | 508     | 367     | 472     | 19.68  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:52:01 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 133  | 142  | 139     | 3.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:55:10 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 50      | 25      | 36      | 35.25  | cps   |
| Antimony   | 121-1 | 158     | 167     | 200     | 175     | 12.60  | cps   |
| Arsenic    | 75-2  | 15      | 11      | 7       | 11      | 33.30  | cps   |
| Barium     | 135-1 | 2384    | 2317    | 2150    | 2284    | 5.26   | cps   |
| Barium     | 137-1 | 4167    | 3984    | 3801    | 3984    | 4.60   | cps   |
| Beryllium  | 9-1   | 100     | 67      | 78      | 81      | 20.83  | cps   |
| Bismuth    | 209-1 | 4627089 | 4329701 | 4312772 | 4423187 | 4.00   | cps   |
| Bismuth    | 209-2 | 1611423 | 1596581 | 1618598 | 1608868 | 0.70   | cps   |
| Boron      | 11-1  | 2234    | 2542    | 2259    | 2345    | 7.31   | cps   |
| Boron      | 10-1  | 508     | 483     | 450     | 481     | 6.09   | cps   |
| Cadmium    | 106-1 | 1734    | 1300    | 1308    | 1447    | 17.12  | cps   |
| Cadmium    | 108-1 | 8       | 8       | 4       | 7       | 34.59  | cps   |
| Cadmium    | 111-1 | 1216    | 904     | 921     | 1014    | 17.29  | cps   |
| Calcium    | 43-1  | 40225   | 41588   | 37601   | 39805   | 5.09   | cps   |
| Calcium    | 44-1  | 677495  | 682781  | 643458  | 667911  | 3.20   | cps   |
| Chromium   | 52-2  | 1323    | 1240    | 1253    | 1272    | 3.52   | cps   |
| Cobalt     | 59-2  | 33      | 47      | 50      | 43      | 20.36  | cps   |
| Copper     | 63-2  | 530     | 527     | 630     | 562     | 10.44  | cps   |
| Dysprosium | 156-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 50      | 8       | 25      | 88.19  | cps   |
| Erbium     | 164-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 8       | 50      | 67      | 42      | 72.12  | cps   |
| Gadolinium | 160-2 | 7       | 17      | 17      | 13      | 43.29  | cps   |
| Holmium    | 165-1 | 7708420 | 7187343 | 7222276 | 7372680 | 3.95   | cps   |
| Holmium    | 165-2 | 2131368 | 2130042 | 2131349 | 2130920 | 0.04   | cps   |
| Indium     | 115-1 | 7020199 | 6468353 | 6530905 | 6673152 | 4.53   | cps   |
| Indium     | 115-2 | 380024  | 379926  | 382006  | 380652  | 0.31   | cps   |
| Iron       | 56-2  | 3773    | 3673    | 3723    | 3723    | 1.34   | cps   |
| Iron       | 57-2  | 100     | 94      | 94      | 96      | 3.33   | cps   |
| Lead       | 206-1 | 400     | 522     | 328     | 417     | 23.59  | cps   |
| Lead       | 207-1 | 439     | 394     | 389     | 407     | 6.73   | cps   |
| Lead       | 208-1 | 1922    | 1945    | 1572    | 1813    | 11.52  | cps   |
| Lithium    | 6-1   | 1138465 | 1060045 | 1101076 | 1099862 | 3.57   | cps   |
| Magnesium  | 24-2  | 6702    | 7719    | 7569    | 7330    | 7.49   | cps   |
| Manganese  | 55-2  | 293     | 360     | 310     | 321     | 10.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:55:10 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 108     | 133     | 133     | 125     | 11.55   | cps   |
| Molybdenum | 94-1  | 217     | 217     | 167     | 200     | 14.43   | cps   |
| Molybdenum | 95-1  | 50      | 125     | 83      | 86      | 43.64   | cps   |
| Molybdenum | 96-1  | 133     | 133     | 142     | 136     | 3.54    | cps   |
| Molybdenum | 97-1  | 117     | 142     | 150     | 136     | 12.75   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 13      | 13      | 49.99   | cps   |
| Neodymium  | 150-2 | 7       | 0       | 0       | 2       | 173.21  | cps   |
| Nickel     | 60-2  | 160     | 167     | 130     | 152     | 12.83   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 0       | 6       | 173.21  | cps   |
| Potassium  | 39-2  | 6077    | 5751    | 5968    | 5932    | 2.79    | cps   |
| Rhodium    | 103-1 | 6811143 | 6255858 | 6315769 | 6460923 | 4.72    | cps   |
| Rhodium    | 103-2 | 1990719 | 2006812 | 2034470 | 2010667 | 1.10    | cps   |
| Scandium   | 45-1  | 4526666 | 4159011 | 4183403 | 4289693 | 4.79    | cps   |
| Scandium   | 45-2  | 41441   | 41475   | 42287   | 41734   | 1.15    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 6       | 4       | 6       | 5       | 21.74   | cps   |
| Selenium   | 82-1  | 36      | -132    | -78     | -58     | -147.17 | cps   |
| Silicon    | 28-1  | 919739  | 920140  | 889558  | 909812  | 1.93    | cps   |
| Silver     | 109-1 | 208     | 283     | 258     | 250     | 15.27   | cps   |
| Silver     | 107-1 | 183     | 300     | 308     | 264     | 26.48   | cps   |
| Sodium     | 23-2  | 198273  | 195103  | 200926  | 198101  | 1.47    | cps   |
| Strontium  | 86-1  | 22853   | 23680   | 22286   | 22940   | 3.06    | cps   |
| Strontium  | 88-1  | 198116  | 198831  | 193093  | 196680  | 1.59    | cps   |
| Sulfur     | 34-1  | 416596  | 420105  | 415007  | 417236  | 0.63    | cps   |
| Terbium    | 159-1 | 8056311 | 7558791 | 7573367 | 7729490 | 3.66    | cps   |
| Terbium    | 159-2 | 2065441 | 2066157 | 2100403 | 2077334 | 0.96    | cps   |
| Thallium   | 203-1 | 133     | 83      | 42      | 86      | 53.30   | cps   |
| Thallium   | 205-1 | 192     | 150     | 150     | 164     | 14.68   | cps   |
| Tin        | 118-1 | 750     | 717     | 642     | 703     | 7.89    | cps   |
| Titanium   | 47-1  | 158     | 242     | 200     | 200     | 20.83   | cps   |
| Uranium    | 238-1 | 142     | 233     | 242     | 206     | 26.99   | cps   |
| Vanadium   | 51-2  | 37      | 20      | 20      | 26      | 37.66   | cps   |
| Yttrium    | 89-1  | 7525215 | 7009867 | 7069180 | 7201421 | 3.92    | cps   |
| Yttrium    | 89-2  | 282357  | 280070  | 280760  | 281062  | 0.42    | cps   |
| Zinc       | 66-2  | 193     | 163     | 123     | 160     | 21.95   | cps   |
| Zirconium  | 90-1  | 600     | 408     | 417     | 475     | 22.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:55:10 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 225  | 125  | 156     | 38.76  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:58:18 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Antimony   | 121-1 | 125     | 192     | 258     | 192     | 34.78  | cps   |
| Arsenic    | 75-2  | 6       | 11      | 17      | 11      | 49.99  | cps   |
| Barium     | 135-1 | 2642    | 2509    | 2309    | 2486    | 6.75   | cps   |
| Barium     | 137-1 | 4226    | 4426    | 4434    | 4362    | 2.70   | cps   |
| Beryllium  | 9-1   | 89      | 44      | 44      | 59      | 43.29  | cps   |
| Bismuth    | 209-1 | 4666779 | 4600326 | 4553002 | 4606702 | 1.24   | cps   |
| Bismuth    | 209-2 | 1786516 | 1670220 | 1671732 | 1709489 | 3.90   | cps   |
| Boron      | 11-1  | 2492    | 2584    | 2509    | 2528    | 1.93   | cps   |
| Boron      | 10-1  | 467     | 517     | 542     | 508     | 7.51   | cps   |
| Cadmium    | 106-1 | 1509    | 1475    | 1383    | 1456    | 4.45   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 13      | 10      | 24.77  | cps   |
| Cadmium    | 111-1 | 1050    | 1048    | 968     | 1022    | 4.57   | cps   |
| Calcium    | 43-1  | 44137   | 45157   | 44856   | 44717   | 1.17   | cps   |
| Calcium    | 44-1  | 734597  | 734898  | 731936  | 733810  | 0.22   | cps   |
| Chromium   | 52-2  | 1327    | 1207    | 1343    | 1292    | 5.77   | cps   |
| Cobalt     | 59-2  | 37      | 40      | 47      | 41      | 12.39  | cps   |
| Copper     | 63-2  | 540     | 663     | 587     | 597     | 10.44  | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 33      | 25      | 50      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 13      | 10      | 3       | 9       | 57.30  | cps   |
| Gadolinium | 160-1 | 50      | 108     | 33      | 64      | 61.65  | cps   |
| Gadolinium | 160-2 | 13      | 10      | 3       | 9       | 57.30  | cps   |
| Holmium    | 165-1 | 7745654 | 7681263 | 7708711 | 7711876 | 0.42   | cps   |
| Holmium    | 165-2 | 2228902 | 2202854 | 2182034 | 2204597 | 1.07   | cps   |
| Indium     | 115-1 | 6930581 | 6958272 | 6934927 | 6941260 | 0.21   | cps   |
| Indium     | 115-2 | 396070  | 394149  | 393994  | 394738  | 0.29   | cps   |
| Iron       | 56-2  | 3967    | 4273    | 4195    | 4145    | 3.83   | cps   |
| Iron       | 57-2  | 89      | 78      | 89      | 85      | 7.53   | cps   |
| Lead       | 206-1 | 572     | 494     | 511     | 526     | 7.79   | cps   |
| Lead       | 207-1 | 511     | 450     | 422     | 461     | 9.86   | cps   |
| Lead       | 208-1 | 2156    | 1978    | 2006    | 2046    | 4.67   | cps   |
| Lithium    | 6-1   | 1136782 | 1139907 | 1151151 | 1142613 | 0.66   | cps   |
| Magnesium  | 24-2  | 7836    | 7777    | 7919    | 7844    | 0.91   | cps   |
| Manganese  | 55-2  | 300     | 373     | 377     | 350     | 12.38  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:58:18 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 83      | 117     | 142     | 114     | 25.69   | cps   |
| Molybdenum | 94-1  | 233     | 208     | 292     | 244     | 17.49   | cps   |
| Molybdenum | 95-1  | 75      | 42      | 108     | 75      | 44.44   | cps   |
| Molybdenum | 96-1  | 125     | 208     | 125     | 153     | 31.49   | cps   |
| Molybdenum | 97-1  | 150     | 125     | 150     | 142     | 10.19   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 40      | 20      | 88.19   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 143     | 160     | 187     | 163     | 13.38   | cps   |
| Phosphorus | 31-2  | 25      | 8       | 0       | 11      | 114.58  | cps   |
| Potassium  | 39-2  | 6702    | 5926    | 6602    | 6410    | 6.58    | cps   |
| Rhodium    | 103-1 | 6713451 | 6732263 | 6656587 | 6700767 | 0.59    | cps   |
| Rhodium    | 103-2 | 2088617 | 2106112 | 2112207 | 2102312 | 0.58    | cps   |
| Scandium   | 45-1  | 4488933 | 4501638 | 4469710 | 4486760 | 0.36    | cps   |
| Scandium   | 45-2  | 43206   | 43303   | 43404   | 43304   | 0.23    | cps   |
| Selenium   | 77-2  | 7       | 0       | 0       | 2       | 173.21  | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30   | cps   |
| Selenium   | 82-1  | 0       | -22     | -78     | -33     | -120.76 | cps   |
| Silicon    | 28-1  | 967778  | 962583  | 952427  | 960930  | 0.81    | cps   |
| Silver     | 109-1 | 258     | 208     | 292     | 253     | 16.59   | cps   |
| Silver     | 107-1 | 225     | 292     | 367     | 294     | 24.07   | cps   |
| Sodium     | 23-2  | 224823  | 223335  | 228034  | 225397  | 1.07    | cps   |
| Strontium  | 86-1  | 25575   | 25892   | 25708   | 25725   | 0.62    | cps   |
| Strontium  | 88-1  | 217770  | 217213  | 213244  | 216076  | 1.14    | cps   |
| Sulfur     | 34-1  | 423674  | 421073  | 419809  | 421518  | 0.47    | cps   |
| Terbium    | 159-1 | 8122849 | 8086411 | 7947892 | 8052384 | 1.15    | cps   |
| Terbium    | 159-2 | 2143620 | 2159424 | 2134713 | 2145919 | 0.58    | cps   |
| Thallium   | 203-1 | 75      | 83      | 133     | 97      | 32.45   | cps   |
| Thallium   | 205-1 | 183     | 175     | 142     | 167     | 13.23   | cps   |
| Tin        | 118-1 | 608     | 650     | 692     | 650     | 6.41    | cps   |
| Titanium   | 47-1  | 183     | 217     | 150     | 183     | 18.18   | cps   |
| Uranium    | 238-1 | 183     | 292     | 250     | 242     | 22.61   | cps   |
| Vanadium   | 51-2  | 13      | 23      | 20      | 19      | 26.96   | cps   |
| Yttrium    | 89-1  | 7494206 | 7650959 | 7524970 | 7556712 | 1.10    | cps   |
| Yttrium    | 89-2  | 290304  | 292173  | 292557  | 291678  | 0.41    | cps   |
| Zinc       | 66-2  | 173     | 100     | 120     | 131     | 28.92   | cps   |
| Zirconium  | 90-1  | 542     | 608     | 583     | 578     | 5.83    | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-05DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 18:58:18 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 75   | 117  | 119     | 38.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 19:01:26 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 25      | 33      | 22      | 57.29  | cps   |
| Antimony   | 121-1 | 167     | 192     | 108     | 156     | 27.49  | cps   |
| Arsenic    | 75-2  | 7       | 9       | 0       | 6       | 88.19  | cps   |
| Barium     | 135-1 | 408     | 358     | 558     | 442     | 23.57  | cps   |
| Barium     | 137-1 | 742     | 700     | 817     | 753     | 7.85   | cps   |
| Beryllium  | 9-1   | 61      | 100     | 67      | 76      | 27.70  | cps   |
| Bismuth    | 209-1 | 4658141 | 4467899 | 4552512 | 4559517 | 2.09   | cps   |
| Bismuth    | 209-2 | 1668869 | 1659836 | 1651628 | 1660111 | 0.52   | cps   |
| Boron      | 11-1  | 1650    | 1625    | 1275    | 1517    | 13.82  | cps   |
| Boron      | 10-1  | 425     | 500     | 308     | 411     | 23.49  | cps   |
| Cadmium    | 106-1 | 1592    | 1508    | 1717    | 1606    | 6.53   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 0       | 3       | 86.60  | cps   |
| Cadmium    | 111-1 | 1111    | 1066    | 1218    | 1132    | 6.94   | cps   |
| Calcium    | 43-1  | 10087   | 10446   | 9737    | 10090   | 3.51   | cps   |
| Calcium    | 44-1  | 170473  | 171603  | 170835  | 170971  | 0.34   | cps   |
| Chromium   | 52-2  | 1087    | 973     | 1040    | 1033    | 5.51   | cps   |
| Cobalt     | 59-2  | 27      | 27      | 13      | 22      | 34.66  | cps   |
| Copper     | 63-2  | 363     | 430     | 380     | 391     | 8.87   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 42      | 17      | 28      | 45.82  | cps   |
| Erbium     | 164-2 | 7       | 10      | 7       | 8       | 24.71  | cps   |
| Gadolinium | 160-1 | 50      | 58      | 67      | 58      | 14.29  | cps   |
| Gadolinium | 160-2 | 7       | 20      | 17      | 14      | 48.02  | cps   |
| Holmium    | 165-1 | 7796071 | 7491584 | 7483987 | 7590547 | 2.35   | cps   |
| Holmium    | 165-2 | 2212776 | 2178777 | 2185003 | 2192185 | 0.83   | cps   |
| Indium     | 115-1 | 7013712 | 6766793 | 6900987 | 6893831 | 1.79   | cps   |
| Indium     | 115-2 | 393525  | 391013  | 388891  | 391143  | 0.59   | cps   |
| Iron       | 56-2  | 2750    | 2573    | 2756    | 2693    | 3.87   | cps   |
| Iron       | 57-2  | 83      | 72      | 39      | 65      | 35.69  | cps   |
| Lead       | 206-1 | 372     | 472     | 356     | 400     | 15.78  | cps   |
| Lead       | 207-1 | 322     | 339     | 422     | 361     | 14.84  | cps   |
| Lead       | 208-1 | 1606    | 1600    | 1533    | 1580    | 2.54   | cps   |
| Lithium    | 6-1   | 1143819 | 1136614 | 1110751 | 1130394 | 1.54   | cps   |
| Magnesium  | 24-2  | 1608    | 1592    | 1475    | 1558    | 4.66   | cps   |
| Manganese  | 55-2  | 157     | 107     | 107     | 123     | 23.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 19:01:26 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 42      | 25      | 33      | 33      | 25.01  | cps   |
| Molybdenum | 94-1  | 233     | 133     | 233     | 200     | 28.87  | cps   |
| Molybdenum | 95-1  | 33      | 8       | 8       | 17      | 86.62  | cps   |
| Molybdenum | 96-1  | 108     | 125     | 108     | 114     | 8.45   | cps   |
| Molybdenum | 97-1  | 117     | 125     | 108     | 117     | 7.14   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 170     | 147     | 103     | 140     | 24.16  | cps   |
| Phosphorus | 31-2  | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Potassium  | 39-2  | 4284    | 3809    | 4176    | 4090    | 6.09   | cps   |
| Rhodium    | 103-1 | 6796546 | 6541148 | 6631985 | 6656560 | 1.94   | cps   |
| Rhodium    | 103-2 | 2063595 | 2071063 | 2079957 | 2071538 | 0.40   | cps   |
| Scandium   | 45-1  | 4540381 | 4405184 | 4411371 | 4452312 | 1.71   | cps   |
| Scandium   | 45-2  | 43053   | 42875   | 42782   | 42903   | 0.32   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 9       | 9       | 4       | 7       | 43.34  | cps   |
| Selenium   | 82-1  | -46     | -124    | -80     | -84     | -46.44 | cps   |
| Silicon    | 28-1  | 529194  | 514485  | 526118  | 523266  | 1.48   | cps   |
| Silver     | 109-1 | 208     | 242     | 208     | 219     | 8.77   | cps   |
| Silver     | 107-1 | 200     | 283     | 217     | 233     | 18.90  | cps   |
| Sodium     | 23-2  | 44177   | 44144   | 43868   | 44063   | 0.39   | cps   |
| Strontium  | 86-1  | 5210    | 5368    | 4934    | 5171    | 4.24   | cps   |
| Strontium  | 88-1  | 37845   | 37285   | 38020   | 37717   | 1.02   | cps   |
| Sulfur     | 34-1  | 419910  | 415428  | 415962  | 417100  | 0.59   | cps   |
| Terbium    | 159-1 | 8171466 | 7908042 | 7998971 | 8026160 | 1.67   | cps   |
| Terbium    | 159-2 | 2120844 | 2147739 | 2124965 | 2131183 | 0.68   | cps   |
| Thallium   | 203-1 | 67      | 75      | 67      | 69      | 6.93   | cps   |
| Thallium   | 205-1 | 117     | 167     | 58      | 114     | 47.61  | cps   |
| Tin        | 118-1 | 650     | 717     | 592     | 653     | 9.58   | cps   |
| Titanium   | 47-1  | 208     | 167     | 175     | 183     | 12.03  | cps   |
| Uranium    | 238-1 | 67      | 75      | 92      | 78      | 16.37  | cps   |
| Vanadium   | 51-2  | 17      | 17      | 10      | 14      | 26.66  | cps   |
| Yttrium    | 89-1  | 7627391 | 7245345 | 7447353 | 7440030 | 2.57   | cps   |
| Yttrium    | 89-2  | 291462  | 291279  | 287121  | 289954  | 0.85   | cps   |
| Zinc       | 66-2  | 107     | 107     | 100     | 104     | 3.69   | cps   |
| Zirconium  | 90-1  | 592     | 492     | 567     | 550     | 9.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-04LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-16 19:01:26 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 58   | 100  | 83      | 26.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:04:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1100    | 933     | 850     | 961     | 13.24  | cps   |
| Antimony   | 121-1 | 55466   | 55265   | 54496   | 55076   | 0.93   | cps   |
| Arsenic    | 75-2  | 326     | 331     | 348     | 335     | 3.45   | cps   |
| Barium     | 135-1 | 233347  | 228550  | 232010  | 231302  | 1.07   | cps   |
| Barium     | 137-1 | 405837  | 402964  | 398909  | 402570  | 0.86   | cps   |
| Beryllium  | 9-1   | 4429    | 4284    | 4279    | 4330    | 1.96   | cps   |
| Bismuth    | 209-1 | 4549023 | 4622704 | 4540170 | 4570633 | 0.99   | cps   |
| Bismuth    | 209-2 | 1650665 | 1636485 | 1640127 | 1642426 | 0.45   | cps   |
| Boron      | 11-1  | 2009    | 2175    | 2200    | 2128    | 4.90   | cps   |
| Boron      | 10-1  | 475     | 508     | 417     | 467     | 9.94   | cps   |
| Cadmium    | 106-1 | 1900    | 2142    | 1867    | 1970    | 7.62   | cps   |
| Cadmium    | 108-1 | 383     | 400     | 342     | 375     | 8.01   | cps   |
| Cadmium    | 111-1 | 7188    | 7596    | 6982    | 7255    | 4.31   | cps   |
| Calcium    | 43-1  | 43243   | 43828   | 42315   | 43129   | 1.77   | cps   |
| Calcium    | 44-1  | 722791  | 722206  | 719695  | 721564  | 0.23   | cps   |
| Chromium   | 52-2  | 15409   | 14758   | 14978   | 15048   | 2.20   | cps   |
| Cobalt     | 59-2  | 74203   | 72638   | 72306   | 73049   | 1.39   | cps   |
| Copper     | 63-2  | 32612   | 32368   | 33003   | 32661   | 0.98   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 75      | 67      | 42      | 61      | 28.38  | cps   |
| Gadolinium | 160-2 | 17      | 3       | 7       | 9       | 78.08  | cps   |
| Holmium    | 165-1 | 7562176 | 7651871 | 7621574 | 7611874 | 0.60   | cps   |
| Holmium    | 165-2 | 2204336 | 2195946 | 2164829 | 2188370 | 0.95   | cps   |
| Indium     | 115-1 | 6802478 | 6836737 | 6799716 | 6812977 | 0.30   | cps   |
| Indium     | 115-2 | 390792  | 387409  | 385586  | 387929  | 0.68   | cps   |
| Iron       | 56-2  | 50481   | 49923   | 50247   | 50217   | 0.56   | cps   |
| Iron       | 57-2  | 1389    | 1283    | 1211    | 1295    | 6.91   | cps   |
| Lead       | 206-1 | 6496    | 6635    | 6229    | 6454    | 3.20   | cps   |
| Lead       | 207-1 | 6013    | 5940    | 5690    | 5881    | 2.88   | cps   |
| Lead       | 208-1 | 26389   | 26662   | 25822   | 26291   | 1.63   | cps   |
| Lithium    | 6-1   | 1117990 | 1120672 | 1103275 | 1113979 | 0.84   | cps   |
| Magnesium  | 24-2  | 8319    | 7686    | 7869    | 7958    | 4.10   | cps   |
| Manganese  | 55-2  | 10187   | 10364   | 10164   | 10238   | 1.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:04:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 125     | 150     | 158     | 144     | 12.01  | cps   |
| Molybdenum | 94-1  | 275     | 250     | 200     | 242     | 15.80  | cps   |
| Molybdenum | 95-1  | 58      | 67      | 75      | 67      | 12.49  | cps   |
| Molybdenum | 96-1  | 125     | 225     | 192     | 181     | 28.20  | cps   |
| Molybdenum | 97-1  | 92      | 175     | 108     | 125     | 35.28  | cps   |
| Neodymium  | 150-1 | 60      | 27      | 20      | 36      | 60.27  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 21664   | 21761   | 21340   | 21588   | 1.02   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 6610    | 6260    | 6127    | 6332    | 3.94   | cps   |
| Rhodium    | 103-1 | 6583572 | 6622271 | 6661356 | 6622399 | 0.59   | cps   |
| Rhodium    | 103-2 | 2059772 | 2073871 | 2044199 | 2059281 | 0.72   | cps   |
| Scandium   | 45-1  | 4445904 | 4420817 | 4448510 | 4438410 | 0.34   | cps   |
| Scandium   | 45-2  | 42641   | 42865   | 41652   | 42386   | 1.52   | cps   |
| Selenium   | 77-2  | 3       | 13      | 3       | 7       | 86.65  | cps   |
| Selenium   | 78-2  | 22      | 19      | 17      | 19      | 14.77  | cps   |
| Selenium   | 82-1  | 658     | 824     | 702     | 728     | 11.86  | cps   |
| Silicon    | 28-1  | 947664  | 948679  | 946665  | 947670  | 0.11   | cps   |
| Silver     | 109-1 | 26260   | 26001   | 26394   | 26218   | 0.76   | cps   |
| Silver     | 107-1 | 28982   | 28465   | 27504   | 28317   | 2.65   | cps   |
| Sodium     | 23-2  | 221793  | 216558  | 216200  | 218184  | 1.43   | cps   |
| Strontium  | 86-1  | 25366   | 24414   | 24873   | 24885   | 1.91   | cps   |
| Strontium  | 88-1  | 214579  | 211652  | 210907  | 212380  | 0.91   | cps   |
| Sulfur     | 34-1  | 418330  | 418705  | 422517  | 419851  | 0.55   | cps   |
| Terbium    | 159-1 | 7954340 | 8060087 | 7938628 | 7984352 | 0.83   | cps   |
| Terbium    | 159-2 | 2117775 | 2100587 | 2096161 | 2104841 | 0.54   | cps   |
| Thallium   | 203-1 | 18890   | 18856   | 17997   | 18581   | 2.72   | cps   |
| Thallium   | 205-1 | 45156   | 46143   | 44454   | 45251   | 1.88   | cps   |
| Tin        | 118-1 | 683     | 708     | 717     | 703     | 2.47   | cps   |
| Titanium   | 47-1  | 167     | 158     | 158     | 161     | 2.99   | cps   |
| Uranium    | 238-1 | 192     | 192     | 225     | 203     | 9.49   | cps   |
| Vanadium   | 51-2  | 25771   | 25734   | 25704   | 25736   | 0.13   | cps   |
| Yttrium    | 89-1  | 7506049 | 7439265 | 7394530 | 7446614 | 0.75   | cps   |
| Yttrium    | 89-2  | 288011  | 284219  | 286889  | 286373  | 0.68   | cps   |
| Zinc       | 66-2  | 5955    | 5785    | 5761    | 5834    | 1.81   | cps   |
| Zirconium  | 90-1  | 600     | 525     | 592     | 572     | 7.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-06DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY3S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:04:34 | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 150  | 100  | 103     | 44.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:07:42 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 25      | 17      | 28      | 45.82  | cps   |
| Antimony   | 121-1 | 200     | 108     | 208     | 172     | 32.22  | cps   |
| Arsenic    | 75-2  | 26      | 6       | 11      | 14      | 74.16  | cps   |
| Barium     | 135-1 | 2350    | 2192    | 2159    | 2234    | 4.59   | cps   |
| Barium     | 137-1 | 3884    | 3784    | 4159    | 3942    | 4.93   | cps   |
| Beryllium  | 9-1   | 122     | 61      | 67      | 83      | 40.55  | cps   |
| Bismuth    | 209-1 | 4465283 | 4552751 | 4518258 | 4512097 | 0.98   | cps   |
| Bismuth    | 209-2 | 1637185 | 1517156 | 1638278 | 1597539 | 4.36   | cps   |
| Boron      | 11-1  | 1842    | 2134    | 2075    | 2017    | 7.65   | cps   |
| Boron      | 10-1  | 533     | 458     | 442     | 478     | 10.22  | cps   |
| Cadmium    | 106-1 | 1659    | 1442    | 1475    | 1525    | 7.65   | cps   |
| Cadmium    | 108-1 | 17      | 8       | 4       | 10      | 65.47  | cps   |
| Cadmium    | 111-1 | 1158    | 1003    | 1046    | 1069    | 7.44   | cps   |
| Calcium    | 43-1  | 40025   | 40468   | 39382   | 39958   | 1.37   | cps   |
| Calcium    | 44-1  | 673025  | 668134  | 673418  | 671526  | 0.44   | cps   |
| Chromium   | 52-2  | 1420    | 1377    | 1160    | 1319    | 10.56  | cps   |
| Cobalt     | 59-2  | 30      | 53      | 47      | 43      | 27.73  | cps   |
| Copper     | 63-2  | 513     | 587     | 553     | 551     | 6.66   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 17      | 83      | 39      | 98.97  | cps   |
| Erbium     | 164-2 | 17      | 7       | 3       | 9       | 78.08  | cps   |
| Gadolinium | 160-1 | 92      | 42      | 58      | 64      | 39.85  | cps   |
| Gadolinium | 160-2 | 20      | 7       | 3       | 10      | 88.20  | cps   |
| Holmium    | 165-1 | 7474592 | 7558612 | 7502968 | 7512057 | 0.57   | cps   |
| Holmium    | 165-2 | 2161355 | 2005948 | 2166120 | 2111141 | 4.32   | cps   |
| Indium     | 115-1 | 6772971 | 6819624 | 6851110 | 6814568 | 0.58   | cps   |
| Indium     | 115-2 | 386161  | 357743  | 388462  | 377456  | 4.53   | cps   |
| Iron       | 56-2  | 4284    | 4101    | 4067    | 4151    | 2.81   | cps   |
| Iron       | 57-2  | 139     | 122     | 106     | 122     | 13.63  | cps   |
| Lead       | 206-1 | 439     | 417     | 406     | 420     | 4.04   | cps   |
| Lead       | 207-1 | 394     | 317     | 372     | 361     | 11.09  | cps   |
| Lead       | 208-1 | 1678    | 1706    | 1589    | 1658    | 3.68   | cps   |
| Lithium    | 6-1   | 1120830 | 1116964 | 1101716 | 1113170 | 0.91   | cps   |
| Magnesium  | 24-2  | 7511    | 7511    | 7311    | 7444    | 1.55   | cps   |
| Manganese  | 55-2  | 473     | 523     | 543     | 513     | 7.02   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:07:42 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 100     | 83      | 150     | 111     | 31.23  | cps   |
| Molybdenum | 94-1  | 217     | 233     | 217     | 222     | 4.33   | cps   |
| Molybdenum | 95-1  | 42      | 108     | 67      | 72      | 46.63  | cps   |
| Molybdenum | 96-1  | 150     | 83      | 100     | 111     | 31.22  | cps   |
| Molybdenum | 97-1  | 108     | 117     | 108     | 111     | 4.33   | cps   |
| Neodymium  | 150-1 | 27      | 27      | 0       | 18      | 86.60  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 160     | 117     | 93      | 123     | 27.43  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Potassium  | 39-2  | 6210    | 6719    | 6494    | 6474    | 3.94   | cps   |
| Rhodium    | 103-1 | 6463135 | 6588747 | 6546668 | 6532850 | 0.98   | cps   |
| Rhodium    | 103-2 | 2039463 | 1898069 | 2057815 | 1998449 | 4.37   | cps   |
| Scandium   | 45-1  | 4380453 | 4414621 | 4435440 | 4410171 | 0.63   | cps   |
| Scandium   | 45-2  | 42765   | 39439   | 43741   | 41982   | 5.37   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 4       | 4       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | -100    | -102    | -166    | -123    | -30.38 | cps   |
| Silicon    | 28-1  | 1013922 | 895319  | 881128  | 930123  | 7.84   | cps   |
| Silver     | 109-1 | 333     | 267     | 192     | 264     | 26.86  | cps   |
| Silver     | 107-1 | 200     | 292     | 208     | 233     | 21.72  | cps   |
| Sodium     | 23-2  | 204076  | 206207  | 204492  | 204925  | 0.55   | cps   |
| Strontium  | 86-1  | 22620   | 22611   | 23154   | 22795   | 1.36   | cps   |
| Strontium  | 88-1  | 191696  | 191722  | 192162  | 191860  | 0.14   | cps   |
| Sulfur     | 34-1  | 422397  | 417713  | 421211  | 420440  | 0.58   | cps   |
| Terbium    | 159-1 | 7943056 | 7908351 | 7944668 | 7932025 | 0.26   | cps   |
| Terbium    | 159-2 | 2123249 | 1966171 | 2098720 | 2062714 | 4.10   | cps   |
| Thallium   | 203-1 | 42      | 42      | 92      | 58      | 49.48  | cps   |
| Thallium   | 205-1 | 183     | 183     | 142     | 169     | 14.19  | cps   |
| Tin        | 118-1 | 658     | 708     | 700     | 689     | 3.89   | cps   |
| Titanium   | 47-1  | 158     | 275     | 208     | 214     | 27.37  | cps   |
| Uranium    | 238-1 | 200     | 217     | 117     | 178     | 30.14  | cps   |
| Vanadium   | 51-2  | 37      | 13      | 23      | 24      | 47.91  | cps   |
| Yttrium    | 89-1  | 7382854 | 7411804 | 7300825 | 7365161 | 0.78   | cps   |
| Yttrium    | 89-2  | 286153  | 266564  | 284935  | 279217  | 3.93   | cps   |
| Zinc       | 66-2  | 100     | 110     | 90      | 100     | 10.00  | cps   |
| Zirconium  | 90-1  | 475     | 525     | 458     | 486     | 7.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-07DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY4              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:07:42 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 58   | 100  | 86      | 27.94  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:10:51 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 33      | 50      | 39      | 24.75  | cps   |
| Antimony   | 121-1 | 183     | 142     | 125     | 150     | 20.03  | cps   |
| Arsenic    | 75-2  | 9       | 11      | 11      | 10      | 10.18  | cps   |
| Barium     | 135-1 | 2384    | 2375    | 2159    | 2306    | 5.53   | cps   |
| Barium     | 137-1 | 4268    | 4259    | 4134    | 4220    | 1.77   | cps   |
| Beryllium  | 9-1   | 56      | 61      | 61      | 59      | 5.41   | cps   |
| Bismuth    | 209-1 | 4609992 | 4598044 | 4547207 | 4585081 | 0.73   | cps   |
| Bismuth    | 209-2 | 1661027 | 1657825 | 1660944 | 1659932 | 0.11   | cps   |
| Boron      | 11-1  | 1875    | 1892    | 2025    | 1931    | 4.26   | cps   |
| Boron      | 10-1  | 283     | 400     | 292     | 325     | 20.03  | cps   |
| Cadmium    | 106-1 | 1458    | 1425    | 1458    | 1447    | 1.33   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 4       | 7       | 69.23  | cps   |
| Cadmium    | 111-1 | 1012    | 1003    | 1026    | 1014    | 1.16   | cps   |
| Calcium    | 43-1  | 39473   | 39933   | 40084   | 39830   | 0.80   | cps   |
| Calcium    | 44-1  | 663898  | 665570  | 657432  | 662300  | 0.65   | cps   |
| Chromium   | 52-2  | 1547    | 1440    | 1623    | 1537    | 5.99   | cps   |
| Cobalt     | 59-2  | 37      | 50      | 37      | 41      | 18.72  | cps   |
| Copper     | 63-2  | 603     | 563     | 583     | 583     | 3.43   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 50      | 22      | 114.56 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 75      | 33      | 17      | 42      | 72.12  | cps   |
| Erbium     | 164-2 | 13      | 20      | 3       | 12      | 68.66  | cps   |
| Gadolinium | 160-1 | 75      | 58      | 42      | 58      | 28.57  | cps   |
| Gadolinium | 160-2 | 3       | 17      | 17      | 12      | 63.01  | cps   |
| Holmium    | 165-1 | 7692177 | 7592841 | 7580519 | 7621846 | 0.80   | cps   |
| Holmium    | 165-2 | 2186990 | 2184198 | 2222340 | 2197843 | 0.97   | cps   |
| Indium     | 115-1 | 6932338 | 6927882 | 6880409 | 6913543 | 0.42   | cps   |
| Indium     | 115-2 | 395920  | 390045  | 396926  | 394297  | 0.94   | cps   |
| Iron       | 56-2  | 8075    | 8036    | 8070    | 8060    | 0.26   | cps   |
| Iron       | 57-2  | 233     | 200     | 178     | 204     | 13.72  | cps   |
| Lead       | 206-1 | 500     | 478     | 400     | 459     | 11.43  | cps   |
| Lead       | 207-1 | 422     | 450     | 317     | 396     | 17.75  | cps   |
| Lead       | 208-1 | 1878    | 1939    | 1733    | 1850    | 5.71   | cps   |
| Lithium    | 6-1   | 1134568 | 1134311 | 1102155 | 1123678 | 1.66   | cps   |
| Magnesium  | 24-2  | 7886    | 7752    | 7119    | 7586    | 5.40   | cps   |
| Manganese  | 55-2  | 983     | 1077    | 987     | 1016    | 5.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:10:51 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 92      | 133     | 117     | 114     | 18.41   | cps   |
| Molybdenum | 94-1  | 242     | 208     | 217     | 222     | 7.81    | cps   |
| Molybdenum | 95-1  | 50      | 50      | 133     | 78      | 61.86   | cps   |
| Molybdenum | 96-1  | 158     | 83      | 192     | 144     | 38.41   | cps   |
| Molybdenum | 97-1  | 100     | 158     | 158     | 139     | 24.25   | cps   |
| Neodymium  | 150-1 | 40      | 33      | 13      | 29      | 48.05   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 150     | 137     | 147     | 144     | 4.80    | cps   |
| Phosphorus | 31-2  | 8       | 0       | 25      | 11      | 114.58  | cps   |
| Potassium  | 39-2  | 6127    | 6227    | 6260    | 6204    | 1.12    | cps   |
| Rhodium    | 103-1 | 6608895 | 6684675 | 6667856 | 6653809 | 0.60    | cps   |
| Rhodium    | 103-2 | 2092237 | 2098845 | 2088946 | 2093343 | 0.24    | cps   |
| Scandium   | 45-1  | 4454340 | 4467071 | 4482551 | 4467987 | 0.32    | cps   |
| Scandium   | 45-2  | 43283   | 43023   | 43444   | 43250   | 0.49    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 0       | 6       | 7       | 4       | 89.21   | cps   |
| Selenium   | 82-1  | 14      | -28     | -70     | -28     | -151.08 | cps   |
| Silicon    | 28-1  | 894882  | 925035  | 907648  | 909188  | 1.66    | cps   |
| Silver     | 109-1 | 225     | 133     | 200     | 186     | 25.46   | cps   |
| Silver     | 107-1 | 242     | 242     | 200     | 228     | 10.56   | cps   |
| Sodium     | 23-2  | 203332  | 201017  | 198735  | 201028  | 1.14    | cps   |
| Strontium  | 86-1  | 23454   | 22628   | 23045   | 23042   | 1.79    | cps   |
| Strontium  | 88-1  | 193007  | 193553  | 193826  | 193462  | 0.22    | cps   |
| Sulfur     | 34-1  | 424214  | 426898  | 423205  | 424772  | 0.45    | cps   |
| Terbium    | 159-1 | 8052998 | 8066271 | 7954561 | 8024610 | 0.76    | cps   |
| Terbium    | 159-2 | 2144372 | 2127347 | 2147461 | 2139726 | 0.51    | cps   |
| Thallium   | 203-1 | 42      | 92      | 83      | 72      | 37.09   | cps   |
| Thallium   | 205-1 | 150     | 175     | 100     | 142     | 26.96   | cps   |
| Tin        | 118-1 | 750     | 692     | 808     | 750     | 7.78    | cps   |
| Titanium   | 47-1  | 192     | 292     | 267     | 250     | 20.82   | cps   |
| Uranium    | 238-1 | 275     | 233     | 167     | 225     | 24.29   | cps   |
| Vanadium   | 51-2  | 43      | 27      | 20      | 30      | 40.05   | cps   |
| Yttrium    | 89-1  | 7485147 | 7428696 | 7483402 | 7465748 | 0.43    | cps   |
| Yttrium    | 89-2  | 290698  | 289125  | 291617  | 290480  | 0.43    | cps   |
| Zinc       | 66-2  | 143     | 140     | 160     | 148     | 7.25    | cps   |
| Zirconium  | 90-1  | 500     | 475     | 517     | 497     | 4.22    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-08DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY5              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:10:51 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 75   | 92   | 89      | 14.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:13:58 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 42      | 33      | 31      | 41.66  | cps   |
| Antimony   | 121-1 | 192     | 75      | 75      | 114     | 59.15  | cps   |
| Arsenic    | 75-2  | 13      | 7       | 11      | 10      | 26.93  | cps   |
| Barium     | 135-1 | 2292    | 2092    | 2342    | 2242    | 5.90   | cps   |
| Barium     | 137-1 | 3592    | 4118    | 4034    | 3915    | 7.21   | cps   |
| Beryllium  | 9-1   | 67      | 39      | 56      | 54      | 26.03  | cps   |
| Bismuth    | 209-1 | 4620052 | 4639694 | 4621916 | 4627220 | 0.23   | cps   |
| Bismuth    | 209-2 | 1600003 | 1712190 | 1763275 | 1691822 | 4.94   | cps   |
| Boron      | 11-1  | 1550    | 1917    | 2067    | 1845    | 14.41  | cps   |
| Boron      | 10-1  | 483     | 467     | 458     | 469     | 2.71   | cps   |
| Cadmium    | 106-1 | 1717    | 1625    | 1467    | 1603    | 7.89   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 4       | 7       | 69.23  | cps   |
| Cadmium    | 111-1 | 1216    | 1137    | 1036    | 1130    | 7.95   | cps   |
| Calcium    | 43-1  | 40042   | 39415   | 41145   | 40201   | 2.18   | cps   |
| Calcium    | 44-1  | 658297  | 661796  | 669896  | 663330  | 0.90   | cps   |
| Chromium   | 52-2  | 1270    | 1237    | 1207    | 1238    | 2.56   | cps   |
| Cobalt     | 59-2  | 33      | 37      | 63      | 44      | 36.99  | cps   |
| Copper     | 63-2  | 520     | 543     | 497     | 520     | 4.49   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 25      | 8       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Erbium     | 164-1 | 25      | 50      | 33      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 3       | 13      | 10      | 9       | 57.30  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 58      | 53      | 18.23  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 13      | 9       | 57.30  | cps   |
| Holmium    | 165-1 | 7700936 | 7686558 | 7668695 | 7685396 | 0.21   | cps   |
| Holmium    | 165-2 | 2140591 | 2194784 | 2192180 | 2175851 | 1.40   | cps   |
| Indium     | 115-1 | 6984867 | 6983672 | 6927875 | 6965471 | 0.47   | cps   |
| Indium     | 115-2 | 374621  | 393342  | 392332  | 386765  | 2.72   | cps   |
| Iron       | 56-2  | 3923    | 3912    | 3628    | 3821    | 4.37   | cps   |
| Iron       | 57-2  | 94      | 128     | 72      | 98      | 28.49  | cps   |
| Lead       | 206-1 | 383     | 433     | 439     | 419     | 7.31   | cps   |
| Lead       | 207-1 | 439     | 411     | 394     | 415     | 5.41   | cps   |
| Lead       | 208-1 | 1811    | 1811    | 1772    | 1798    | 1.25   | cps   |
| Lithium    | 6-1   | 1153239 | 1153398 | 1146219 | 1150952 | 0.36   | cps   |
| Magnesium  | 24-2  | 7311    | 7110    | 7552    | 7324    | 3.02   | cps   |
| Manganese  | 55-2  | 307     | 287     | 280     | 291     | 4.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:13:58 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 108     | 75      | 67      | 83      | 26.46  | cps   |
| Molybdenum | 94-1  | 217     | 200     | 225     | 214     | 5.95   | cps   |
| Molybdenum | 95-1  | 17      | 83      | 33      | 44      | 78.07  | cps   |
| Molybdenum | 96-1  | 175     | 125     | 192     | 164     | 21.17  | cps   |
| Molybdenum | 97-1  | 100     | 83      | 100     | 94      | 10.19  | cps   |
| Neodymium  | 150-1 | 7       | 40      | 13      | 20      | 88.19  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 140     | 140     | 137     | 139     | 1.38   | cps   |
| Phosphorus | 31-2  | 25      | 0       | 8       | 11      | 114.58 | cps   |
| Potassium  | 39-2  | 5935    | 6385    | 6368    | 6229    | 4.10   | cps   |
| Rhodium    | 103-1 | 6683716 | 6696695 | 6625641 | 6668684 | 0.57   | cps   |
| Rhodium    | 103-2 | 1980767 | 2091554 | 2094362 | 2055561 | 3.15   | cps   |
| Scandium   | 45-1  | 4509989 | 4484749 | 4481821 | 4492186 | 0.34   | cps   |
| Scandium   | 45-2  | 41742   | 43354   | 43293   | 42796   | 2.13   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 2       | 9       | 5       | 78.12  | cps   |
| Selenium   | 82-1  | -98     | -39     | -155    | -97     | -59.94 | cps   |
| Silicon    | 28-1  | 907194  | 904973  | 923414  | 911860  | 1.10   | cps   |
| Silver     | 109-1 | 175     | 258     | 267     | 233     | 21.72  | cps   |
| Silver     | 107-1 | 250     | 242     | 242     | 244     | 1.97   | cps   |
| Sodium     | 23-2  | 201818  | 202583  | 201321  | 201908  | 0.31   | cps   |
| Strontium  | 86-1  | 22853   | 23254   | 23621   | 23243   | 1.65   | cps   |
| Strontium  | 88-1  | 196818  | 195245  | 195855  | 195973  | 0.40   | cps   |
| Sulfur     | 34-1  | 432302  | 433189  | 426629  | 430707  | 0.83   | cps   |
| Terbium    | 159-1 | 8044750 | 8085307 | 8112712 | 8080923 | 0.42   | cps   |
| Terbium    | 159-2 | 2076247 | 2169819 | 2138785 | 2128284 | 2.24   | cps   |
| Thallium   | 203-1 | 33      | 58      | 125     | 72      | 65.61  | cps   |
| Thallium   | 205-1 | 83      | 200     | 92      | 125     | 52.07  | cps   |
| Tin        | 118-1 | 650     | 608     | 583     | 614     | 5.49   | cps   |
| Titanium   | 47-1  | 292     | 258     | 292     | 281     | 6.86   | cps   |
| Uranium    | 238-1 | 258     | 200     | 175     | 211     | 20.26  | cps   |
| Vanadium   | 51-2  | 17      | 13      | 17      | 16      | 12.40  | cps   |
| Yttrium    | 89-1  | 7445098 | 7595077 | 7478490 | 7506222 | 1.05   | cps   |
| Yttrium    | 89-2  | 277610  | 290311  | 291335  | 286419  | 2.67   | cps   |
| Zinc       | 66-2  | 120     | 113     | 103     | 112     | 7.47   | cps   |
| Zirconium  | 90-1  | 583     | 458     | 442     | 494     | 15.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-09DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY6              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:13:58 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 142  | 150  | 133     | 16.54  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:17:07 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 17      | 8       | 19      | 65.48  | cps   |
| Antimony   | 121-1 | 158     | 117     | 108     | 128     | 20.96  | cps   |
| Arsenic    | 75-2  | 9       | 20      | 9       | 13      | 49.48  | cps   |
| Barium     | 135-1 | 2134    | 2250    | 2250    | 2211    | 3.05   | cps   |
| Barium     | 137-1 | 3609    | 3442    | 3709    | 3587    | 3.76   | cps   |
| Beryllium  | 9-1   | 44      | 72      | 61      | 59      | 23.59  | cps   |
| Bismuth    | 209-1 | 4640912 | 4626265 | 4661140 | 4642772 | 0.38   | cps   |
| Bismuth    | 209-2 | 1687303 | 1664781 | 1682180 | 1678088 | 0.70   | cps   |
| Boron      | 11-1  | 1917    | 1717    | 1709    | 1781    | 6.62   | cps   |
| Boron      | 10-1  | 342     | 367     | 508     | 406     | 22.16  | cps   |
| Cadmium    | 106-1 | 1650    | 1634    | 1617    | 1634    | 1.02   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 4       | 3       | 86.60  | cps   |
| Cadmium    | 111-1 | 1156    | 1181    | 1137    | 1158    | 1.89   | cps   |
| Calcium    | 43-1  | 37384   | 37334   | 39339   | 38019   | 3.01   | cps   |
| Calcium    | 44-1  | 627537  | 625938  | 628287  | 627254  | 0.19   | cps   |
| Chromium   | 52-2  | 1140    | 1070    | 1033    | 1081    | 5.01   | cps   |
| Cobalt     | 59-2  | 27      | 57      | 47      | 43      | 35.25  | cps   |
| Copper     | 63-2  | 587     | 483     | 583     | 551     | 10.66  | cps   |
| Dysprosium | 156-1 | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 13      | 8       | 65.47  | cps   |
| Erbium     | 164-1 | 17      | 0       | 58      | 25      | 120.18 | cps   |
| Erbium     | 164-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Gadolinium | 160-1 | 67      | 67      | 50      | 61      | 15.75  | cps   |
| Gadolinium | 160-2 | 17      | 23      | 7       | 16      | 53.90  | cps   |
| Holmium    | 165-1 | 7730149 | 7707538 | 7786765 | 7741484 | 0.53   | cps   |
| Holmium    | 165-2 | 2251466 | 2196729 | 2212904 | 2220366 | 1.27   | cps   |
| Indium     | 115-1 | 6993196 | 6989041 | 7010998 | 6997745 | 0.17   | cps   |
| Indium     | 115-2 | 399086  | 392490  | 396410  | 395995  | 0.84   | cps   |
| Iron       | 56-2  | 5957    | 5712    | 5779    | 5816    | 2.17   | cps   |
| Iron       | 57-2  | 144     | 139     | 161     | 148     | 7.81   | cps   |
| Lead       | 206-1 | 422     | 467     | 450     | 446     | 5.03   | cps   |
| Lead       | 207-1 | 372     | 422     | 372     | 389     | 7.42   | cps   |
| Lead       | 208-1 | 1745    | 1856    | 1639    | 1746    | 6.20   | cps   |
| Lithium    | 6-1   | 1162560 | 1142597 | 1154101 | 1153086 | 0.87   | cps   |
| Magnesium  | 24-2  | 6902    | 7194    | 6594    | 6896    | 4.35   | cps   |
| Manganese  | 55-2  | 680     | 753     | 720     | 718     | 5.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:17:07 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 98-1  | 92      | 75      | 83      | 83      | 10.00  | cps   |
| Molybdenum | 94-1  | 217     | 183     | 275     | 225     | 20.62  | cps   |
| Molybdenum | 95-1  | 33      | 50      | 108     | 64      | 61.65  | cps   |
| Molybdenum | 96-1  | 117     | 167     | 158     | 147     | 18.20  | cps   |
| Molybdenum | 97-1  | 100     | 50      | 117     | 89      | 39.03  | cps   |
| Neodymium  | 150-1 | 13      | 20      | 13      | 16      | 24.76  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 127     | 97      | 167     | 130     | 27.01  | cps   |
| Phosphorus | 31-2  | 33      | 0       | 8       | 14      | 124.91 | cps   |
| Potassium  | 39-2  | 6660    | 6569    | 6260    | 6496    | 3.23   | cps   |
| Rhodium    | 103-1 | 6746839 | 6702517 | 6716665 | 6722007 | 0.34   | cps   |
| Rhodium    | 103-2 | 2113150 | 2092260 | 2089640 | 2098350 | 0.61   | cps   |
| Scandium   | 45-1  | 4483230 | 4537079 | 4489756 | 4503355 | 0.65   | cps   |
| Scandium   | 45-2  | 43842   | 43230   | 44019   | 43697   | 0.95   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 7       | 2       | 9       | 6       | 62.47  | cps   |
| Selenium   | 82-1  | -29     | -42     | -47     | -40     | -24.43 | cps   |
| Silicon    | 28-1  | 915564  | 907201  | 915999  | 912921  | 0.54   | cps   |
| Silver     | 109-1 | 192     | 150     | 225     | 189     | 19.89  | cps   |
| Silver     | 107-1 | 175     | 183     | 175     | 178     | 2.71   | cps   |
| Sodium     | 23-2  | 192612  | 191278  | 191540  | 191810  | 0.37   | cps   |
| Strontium  | 86-1  | 19590   | 18513   | 18647   | 18917   | 3.10   | cps   |
| Strontium  | 88-1  | 157895  | 158417  | 158283  | 158199  | 0.17   | cps   |
| Sulfur     | 34-1  | 431631  | 429762  | 427279  | 429557  | 0.51   | cps   |
| Terbium    | 159-1 | 8053771 | 8060275 | 8119205 | 8077750 | 0.45   | cps   |
| Terbium    | 159-2 | 2157241 | 2149332 | 2130669 | 2145747 | 0.64   | cps   |
| Thallium   | 203-1 | 75      | 50      | 50      | 58      | 24.74  | cps   |
| Thallium   | 205-1 | 233     | 125     | 83      | 147     | 52.59  | cps   |
| Tin        | 118-1 | 625     | 658     | 833     | 706     | 15.86  | cps   |
| Titanium   | 47-1  | 217     | 250     | 283     | 250     | 13.33  | cps   |
| Uranium    | 238-1 | 242     | 67      | 217     | 175     | 54.09  | cps   |
| Vanadium   | 51-2  | 37      | 30      | 27      | 31      | 16.37  | cps   |
| Yttrium    | 89-1  | 7500951 | 7451235 | 7494000 | 7482062 | 0.36   | cps   |
| Yttrium    | 89-2  | 293926  | 291325  | 294552  | 293267  | 0.58   | cps   |
| Zinc       | 66-2  | 107     | 167     | 103     | 126     | 28.39  | cps   |
| Zirconium  | 90-1  | 517     | 583     | 567     | 556     | 6.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4843-10DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | MC0AY7              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-16 19:17:07 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 100  | 158  | 114     | 34.58  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV032              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV032              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 19:20:14 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | CPS1     | CPS2      | CPS3      | CPSMean  | CPSRSD | Units |
|------------|-------|----------|-----------|-----------|----------|--------|-------|
| Aluminium  | 27-2  | 453335   | 448221    | 446298    | 449284   | 0.81   | cps   |
| Antimony   | 121-1 | 5143597  | 5147207   | 5199140   | 5163315  | 0.60   | cps   |
| Arsenic    | 75-2  | 72451    | 71945     | 71316     | 71904    | 0.79   | cps   |
| Barium     | 135-1 | 5438947  | 5527767   | 5546845   | 5504520  | 1.05   | cps   |
| Barium     | 137-1 | 9289569  | 9497558   | 9402177   | 9396435  | 1.11   | cps   |
| Beryllium  | 9-1   | 793331   | 798027    | 806527    | 799295   | 0.84   | cps   |
| Bismuth    | 209-1 | 4649622  | 4666289   | 3893590   | 4403167  | 10.02  | cps   |
| Bismuth    | 209-2 | 1603448  | 1589535   | 1599985   | 1597656  | 0.45   | cps   |
| Boron      | 11-1  | 425132   | 443040    | 441599    | 436591   | 2.28   | cps   |
| Boron      | 10-1  | 92221    | 95852     | 97244     | 95105    | 2.73   | cps   |
| Cadmium    | 106-1 | 116282   | 116861    | 116878    | 116674   | 0.29   | cps   |
| Cadmium    | 108-1 | 78686    | 77719     | 79466     | 78624    | 1.11   | cps   |
| Cadmium    | 111-1 | 1100232  | 1112099   | 1126584   | 1112972  | 1.19   | cps   |
| Calcium    | 43-1  | 6033895  | 6107393   | 6049542   | 6063610  | 0.64   | cps   |
| Calcium    | 44-1  | 98012150 | 99831602  | 100075519 | 99306424 | 1.14   | cps   |
| Chromium   | 52-2  | 614157   | 616568    | 611463    | 614063   | 0.42   | cps   |
| Cobalt     | 59-2  | 1260236  | 1265117   | 1261837   | 1262396  | 0.20   | cps   |
| Copper     | 63-2  | 2185440  | 2174609   | 2152462   | 2170837  | 0.77   | cps   |
| Dysprosium | 156-1 | 125      | 125       | 142       | 131      | 7.37   | cps   |
| Dysprosium | 156-2 | 53       | 27        | 23        | 34       | 47.73  | cps   |
| Erbium     | 164-1 | 150      | 117       | 92        | 119      | 24.50  | cps   |
| Erbium     | 164-2 | 23       | 23        | 20        | 22       | 8.65   | cps   |
| Gadolinium | 160-1 | 158      | 192       | 200       | 183      | 12.03  | cps   |
| Gadolinium | 160-2 | 43       | 47        | 43        | 44       | 4.34   | cps   |
| Holmium    | 165-1 | 8050823  | 8174613   | 6748621   | 7658019  | 10.32  | cps   |
| Holmium    | 165-2 | 2232829  | 2241437   | 2211826   | 2228697  | 0.68   | cps   |
| Indium     | 115-1 | 6740650  | 6774152   | 5719650   | 6411484  | 9.35   | cps   |
| Indium     | 115-2 | 369763   | 371822    | 369131    | 370239   | 0.38   | cps   |
| Iron       | 56-2  | 99259155 | 100465361 | 99507072  | 99743862 | 0.64   | cps   |
| Iron       | 57-2  | 2563699  | 2554414   | 2533237   | 2550450  | 0.61   | cps   |
| Lead       | 206-1 | 2898542  | 2912282   | 2947512   | 2919445  | 0.87   | cps   |
| Lead       | 207-1 | 2646085  | 2696674   | 2710229   | 2684329  | 1.26   | cps   |
| Lead       | 208-1 | 11768525 | 11872876  | 11925463  | 11855621 | 0.67   | cps   |
| Lithium    | 6-1   | 1162953  | 1174206   | 990567    | 1109242  | 9.28   | cps   |
| Magnesium  | 24-2  | 10729150 | 10790729  | 10713767  | 10744549 | 0.38   | cps   |
| Manganese  | 55-2  | 346718   | 348777    | 345259    | 346918   | 0.51   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV032              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV032              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 19:20:14 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 98-1  | 3784817  | 3783051  | 3834841  | 3800903  | 0.77   | cps   |
| Molybdenum | 94-1  | 4377026  | 4420666  | 4411644  | 4403112  | 0.52   | cps   |
| Molybdenum | 95-1  | 2397295  | 2412648  | 2415760  | 2408568  | 0.41   | cps   |
| Molybdenum | 96-1  | 3036786  | 3059356  | 3131887  | 3076010  | 1.62   | cps   |
| Molybdenum | 97-1  | 1453416  | 1462675  | 1483913  | 1466668  | 1.07   | cps   |
| Neodymium  | 150-1 | 353      | 333      | 333      | 340      | 3.40   | cps   |
| Neodymium  | 150-2 | 30       | 37       | 17       | 28       | 36.66  | cps   |
| Nickel     | 60-2  | 363097   | 360553   | 359097   | 360915   | 0.56   | cps   |
| Phosphorus | 31-2  | 6952     | 6869     | 6660     | 6827     | 2.20   | cps   |
| Potassium  | 39-2  | 3402296  | 3321564  | 3355717  | 3359859  | 1.21   | cps   |
| Rhodium    | 103-1 | 6403079  | 6391935  | 5383179  | 6059398  | 9.67   | cps   |
| Rhodium    | 103-2 | 1960514  | 1956234  | 1917419  | 1944722  | 1.22   | cps   |
| Scandium   | 45-1  | 4471416  | 4525300  | 3771149  | 4255955  | 9.89   | cps   |
| Scandium   | 45-2  | 42675    | 43019    | 43718    | 43137    | 1.23   | cps   |
| Selenium   | 77-2  | 487      | 487      | 467      | 480      | 2.40   | cps   |
| Selenium   | 78-2  | 1822     | 1700     | 1774     | 1766     | 3.49   | cps   |
| Selenium   | 82-1  | 70004    | 70327    | 70772    | 70368    | 0.55   | cps   |
| Silicon    | 28-1  | 2663765  | 2681837  | 2723652  | 2689751  | 1.14   | cps   |
| Silver     | 109-1 | 5372280  | 5365959  | 5370206  | 5369481  | 0.06   | cps   |
| Silver     | 107-1 | 5460655  | 5549377  | 5629739  | 5546590  | 1.52   | cps   |
| Sodium     | 23-2  | 26834106 | 26690403 | 26345997 | 26623502 | 0.94   | cps   |
| Strontium  | 86-1  | 1545071  | 1553854  | 1577322  | 1558749  | 1.07   | cps   |
| Strontium  | 88-1  | 13161234 | 13412020 | 13405234 | 13326162 | 1.07   | cps   |
| Sulfur     | 34-1  | 811381   | 816158   | 821315   | 816285   | 0.61   | cps   |
| Terbium    | 159-1 | 8448029  | 8488088  | 7072291  | 8002803  | 10.07  | cps   |
| Terbium    | 159-2 | 2193718  | 2158490  | 2136710  | 2162973  | 1.33   | cps   |
| Thallium   | 203-1 | 3599672  | 3638239  | 3598808  | 3612239  | 0.62   | cps   |
| Thallium   | 205-1 | 8295622  | 8472645  | 8516691  | 8428319  | 1.39   | cps   |
| Tin        | 118-1 | 3647033  | 3670601  | 3742682  | 3686772  | 1.35   | cps   |
| Titanium   | 47-1  | 659376   | 662347   | 667392   | 663038   | 0.61   | cps   |
| Uranium    | 238-1 | 11100592 | 11275290 | 11334369 | 11236750 | 1.08   | cps   |
| Vanadium   | 51-2  | 461976   | 460224   | 461463   | 461221   | 0.20   | cps   |
| Yttrium    | 89-1  | 7585136  | 7609891  | 6415451  | 7203493  | 9.48   | cps   |
| Yttrium    | 89-2  | 285117   | 285318   | 283406   | 284614   | 0.37   | cps   |
| Zinc       | 66-2  | 197778   | 195706   | 197873   | 197119   | 0.62   | cps   |
| Zirconium  | 90-1  | 8322846  | 8333185  | 8411034  | 8355688  | 0.58   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89577             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV032              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV032              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-16 19:20:14 | DataFile Name :   | 085CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1874353 | 1870380 | 1903277 | 1882670 | 0.95   | cps   |

LB Number : LB89577 Operator : Jaswal  
 Lab Sample ID : CCB032 Instrumnet Name : P8  
 Client Sample ID : CCB032 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-16 19:23:12 DataFile Name : 086CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 33      | 8       | 25      | 57.75  | cps   |
| Antimony   | 121-1 | 2509    | 2175    | 2075    | 2253    | 10.07  | cps   |
| Arsenic    | 75-2  | 4       | 0       | 6       | 3       | 91.69  | cps   |
| Barium     | 135-1 | 33      | 100     | 67      | 67      | 50.00  | cps   |
| Barium     | 137-1 | 83      | 58      | 58      | 67      | 21.65  | cps   |
| Beryllium  | 9-1   | 139     | 239     | 200     | 193     | 26.18  | cps   |
| Bismuth    | 209-1 | 4795514 | 4846913 | 4834093 | 4825507 | 0.55   | cps   |
| Bismuth    | 209-2 | 1736191 | 1683704 | 1558305 | 1659400 | 5.51   | cps   |
| Boron      | 11-1  | 9579    | 8453    | 7911    | 8647    | 9.84   | cps   |
| Boron      | 10-1  | 1959    | 1859    | 1775    | 1864    | 4.93   | cps   |
| Cadmium    | 106-1 | 1433    | 1542    | 1550    | 1508    | 4.32   | cps   |
| Cadmium    | 108-1 | 21      | 21      | 4       | 15      | 62.96  | cps   |
| Cadmium    | 111-1 | 1051    | 1119    | 1128    | 1099    | 3.81   | cps   |
| Calcium    | 43-1  | 2592    | 2234    | 2300    | 2375    | 8.03   | cps   |
| Calcium    | 44-1  | 49513   | 48987   | 48042   | 48847   | 1.53   | cps   |
| Chromium   | 52-2  | 1083    | 1000    | 1043    | 1042    | 4.00   | cps   |
| Cobalt     | 59-2  | 20      | 23      | 30      | 24      | 20.83  | cps   |
| Copper     | 63-2  | 357     | 330     | 333     | 340     | 4.27   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 42      | 33      | 33      | 25.01  | cps   |
| Erbium     | 164-2 | 17      | 10      | 3       | 10      | 66.70  | cps   |
| Gadolinium | 160-1 | 42      | 108     | 58      | 69      | 49.96  | cps   |
| Gadolinium | 160-2 | 27      | 17      | 0       | 14      | 93.26  | cps   |
| Holmium    | 165-1 | 7885978 | 7924642 | 7980577 | 7930399 | 0.60   | cps   |
| Holmium    | 165-2 | 2222081 | 2227445 | 2062080 | 2170535 | 4.33   | cps   |
| Indium     | 115-1 | 7121225 | 7066513 | 7110728 | 7099489 | 0.41   | cps   |
| Indium     | 115-2 | 392894  | 388416  | 358629  | 379980  | 4.90   | cps   |
| Iron       | 56-2  | 2778    | 2950    | 2878    | 2869    | 3.01   | cps   |
| Iron       | 57-2  | 67      | 94      | 94      | 85      | 18.83  | cps   |
| Lead       | 206-1 | 428     | 544     | 483     | 485     | 12.03  | cps   |
| Lead       | 207-1 | 422     | 383     | 333     | 380     | 11.74  | cps   |
| Lead       | 208-1 | 2039    | 2178    | 1883    | 2033    | 7.24   | cps   |
| Lithium    | 6-1   | 1168339 | 1188560 | 1185487 | 1180796 | 0.92   | cps   |
| Magnesium  | 24-2  | 133     | 258     | 208     | 200     | 31.46  | cps   |
| Manganese  | 55-2  | 80      | 70      | 57      | 69      | 16.99  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB032              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB032              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 19:23:12 | DataFile Name :   | 086CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 98-1  | 267     | 292     | 308     | 289     | 7.26    | cps   |
| Molybdenum | 94-1  | 575     | 525     | 525     | 542     | 5.33    | cps   |
| Molybdenum | 95-1  | 317     | 275     | 225     | 272     | 16.86   | cps   |
| Molybdenum | 96-1  | 492     | 300     | 333     | 375     | 27.31   | cps   |
| Molybdenum | 97-1  | 233     | 258     | 200     | 231     | 12.69   | cps   |
| Neodymium  | 150-1 | 0       | 53      | 0       | 18      | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 100     | 93      | 90      | 94      | 5.39    | cps   |
| Phosphorus | 31-2  | 8       | 17      | 8       | 11      | 43.34   | cps   |
| Potassium  | 39-2  | 3659    | 4051    | 3726    | 3812    | 5.50    | cps   |
| Rhodium    | 103-1 | 6696737 | 6813167 | 6726828 | 6745577 | 0.90    | cps   |
| Rhodium    | 103-2 | 2082845 | 2085158 | 1919070 | 2029025 | 4.69    | cps   |
| Scandium   | 45-1  | 4458550 | 4470381 | 4499024 | 4475985 | 0.46    | cps   |
| Scandium   | 45-2  | 42829   | 43317   | 39098   | 41748   | 5.53    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 7       | 4       | 2       | 4       | 65.54   | cps   |
| Selenium   | 82-1  | 22      | -97     | -21     | -32     | -188.25 | cps   |
| Silicon    | 28-1  | 403339  | 401669  | 407536  | 404181  | 0.75    | cps   |
| Silver     | 109-1 | 267     | 208     | 367     | 281     | 28.54   | cps   |
| Silver     | 107-1 | 350     | 292     | 283     | 308     | 11.78   | cps   |
| Sodium     | 23-2  | 10096   | 9437    | 9395    | 9643    | 4.08    | cps   |
| Strontium  | 86-1  | 850     | 883     | 800     | 845     | 4.97    | cps   |
| Strontium  | 88-1  | 350     | 250     | 358     | 319     | 18.87   | cps   |
| Sulfur     | 34-1  | 410362  | 410258  | 407020  | 409213  | 0.46    | cps   |
| Terbium    | 159-1 | 8253119 | 8301714 | 8394266 | 8316367 | 0.86    | cps   |
| Terbium    | 159-2 | 2143446 | 2130672 | 1979999 | 2084706 | 4.36    | cps   |
| Thallium   | 203-1 | 708     | 733     | 492     | 644     | 20.62   | cps   |
| Thallium   | 205-1 | 1767    | 1308    | 1167    | 1414    | 22.18   | cps   |
| Tin        | 118-1 | 1750    | 1817    | 1584    | 1717    | 7.00    | cps   |
| Titanium   | 47-1  | 167     | 142     | 133     | 147     | 11.79   | cps   |
| Uranium    | 238-1 | 83      | 58      | 83      | 75      | 19.24   | cps   |
| Vanadium   | 51-2  | 17      | 10      | 13      | 13      | 25.01   | cps   |
| Yttrium    | 89-1  | 7560754 | 7553754 | 7612293 | 7575600 | 0.42    | cps   |
| Yttrium    | 89-2  | 289916  | 288708  | 267692  | 282105  | 4.43    | cps   |
| Zinc       | 66-2  | 57      | 83      | 53      | 64      | 25.51   | cps   |
| Zirconium  | 90-1  | 1208    | 1125    | 1125    | 1153    | 4.17    | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89577             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB032              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB032              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-16 19:23:12 | DataFile Name :   | 086CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 200  | 275  | 272     | 26.04  | cps   |