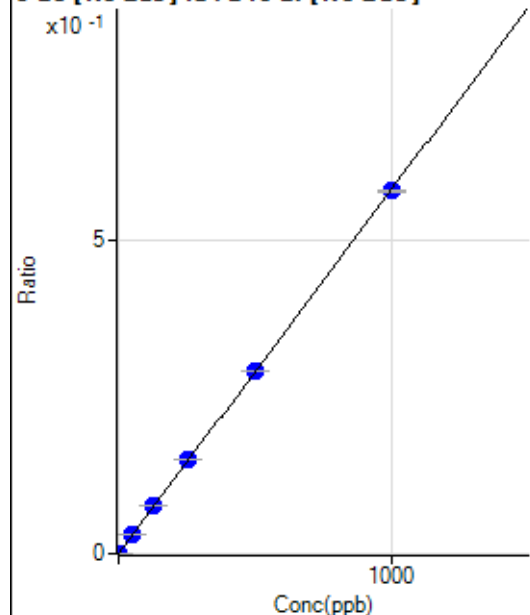


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7051618-MS.b\  
 Analysis File: P7051618-MS.batch.bin  
 DA Date-Time: 2018-05-16 18:29:29  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-05-16 11:57:40 |
| 2     | 004CALS.d          | S01         | 2018-05-16 12:01:13 |
| 3     | 005CALS.d          | S02         | 2018-05-16 12:05:44 |
| 4     | 006CALS.d          | S03         | 2018-05-16 12:09:37 |
| 5     | 007CALS.d          | S04         | 2018-05-16 12:13:29 |
| 6     | 008CALS.d          | S05         | 2018-05-16 12:17:17 |
| 7     | 009CALS.d          | S06         | 2018-05-16 12:21:03 |
| 8     | 010CALS.d          | S07         | 2018-05-16 12:24:48 |
| 9     | 011CALS.d          | S08         | 2018-05-16 12:28:31 |

**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      | 61.11      | 0.0000 | P    | 9.5  |
| 2 | <input type="checkbox"/> | 0.100    | 0.099      | 235.19     | 0.0001 | P    | 12.7 |
| 3 | <input type="checkbox"/> | 1.000    | 1.081      | 1918.70    | 0.0007 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 53.796     | 94181.48   | 0.0313 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 132.058    | 233585.67  | 0.0769 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 257.360    | 450973.25  | 0.1499 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 501.557    | 862642.25  | 0.2921 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.309    | 1682170.05 | 0.5802 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 653.74     | 0.0002 | P    | 8.1  |

$$y = 5.8237\text{E-}004 * x + 2.0342\text{E-}005$$

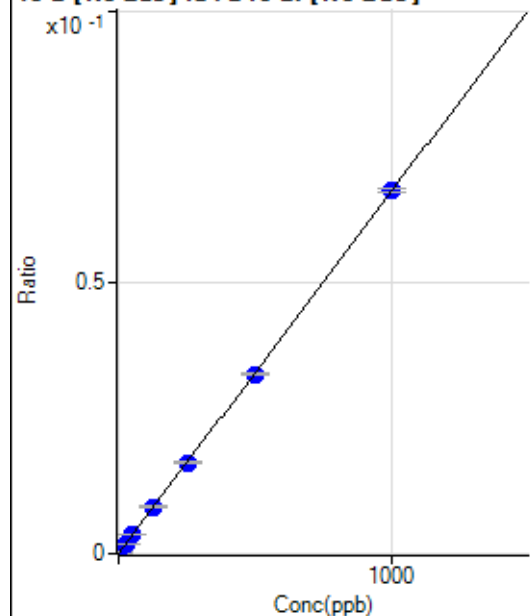
$$R = 1.0000$$

$$DL = 0.009914$$

$$BEC = 0.03493$$

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      | 127.78    | 0.0000 | P    | 30.5 |
| 2 | <input type="checkbox"/> | 2.500    | 2.293      | 591.70    | 0.0002 | P    | 12.7 |
| 3 | <input type="checkbox"/> | 25.000   | 25.209     | 5095.53   | 0.0017 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 52.440     | 10651.36  | 0.0035 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 128.477    | 26187.30  | 0.0086 | P    | 1.8  |
| 6 | <input type="checkbox"/> | 250.000  | 250.152    | 50395.93  | 0.0168 | P    | 2.6  |
| 7 | <input type="checkbox"/> | 500.000  | 495.672    | 97909.67  | 0.0332 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.565   | 194075.25 | 0.0669 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 5109.40   | 0.0018 | P    | 9.1  |

$$y = 6.6799\text{E-}005 * x + 4.2496\text{E-}005$$

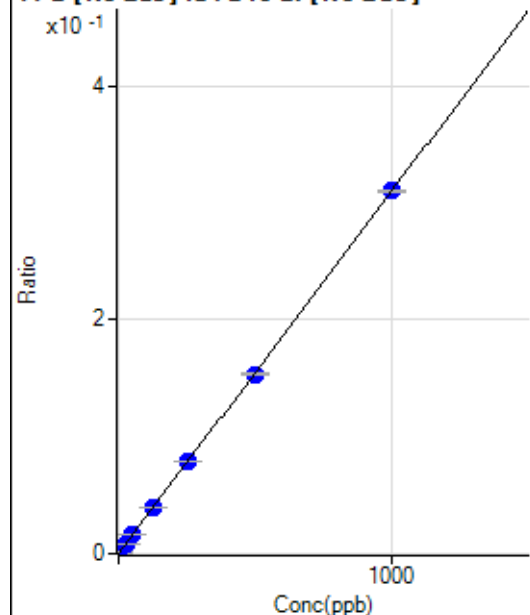
$$R = 1.0000$$

$$DL = 0.5829$$

$$BEC = 0.6362$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 647.26    | 0.0002 | P    | 10.8 |
| 2 | <input type="checkbox"/> | 2.500    | 2.521      | 3014.32   | 0.0010 | P    | 3.3  |
| 3 | <input type="checkbox"/> | 25.000   | 23.903     | 22489.66  | 0.0076 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 52.614     | 49604.43  | 0.0165 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 128.224    | 121244.20 | 0.0399 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 252.420    | 235858.46 | 0.0784 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 494.711    | 453141.24 | 0.1534 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.533   | 899908.04 | 0.3104 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 23521.87  | 0.0084 | P    | 6.3  |

$$y = 3.0973\text{E-}004 * x + 2.1545\text{E-}004$$

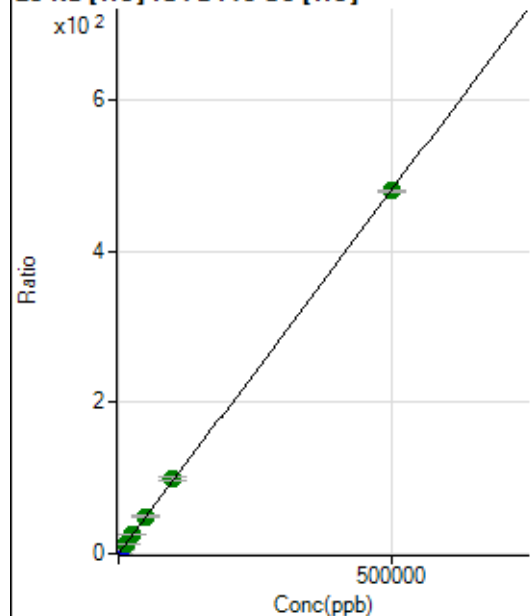
$$R = 1.0000$$

$$DL = 0.2253$$

$$BEC = 0.6956$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 15761.69    | 0.0424   | P    | 2.5 |
| 2 | <input type="checkbox"/> | 50.000    | 46.706     | 32511.10    | 0.0873   | P    | 0.8 |
| 3 | <input type="checkbox"/> | 500.000   | 493.371    | 187267.51   | 0.5172   | P    | 0.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 5277.621   | 1836309.78  | 5.1214   | P    | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 12993.115  | 4293977.05  | 12.5465  | A    | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 26115.145  | 7970581.78  | 25.1748  | A    | 0.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 51537.723  | 15245889.40 | 49.6406  | A    | 0.1 |
| 8 | <input type="checkbox"/> | 100000.00 | 103196.74  | 30407566.65 | 99.3556  | A    | 4.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 499136.02  | 159760202.1 | 480.3948 | A    | 0.4 |

$$y = 9.6237\text{E-}004 * x + 0.0424$$

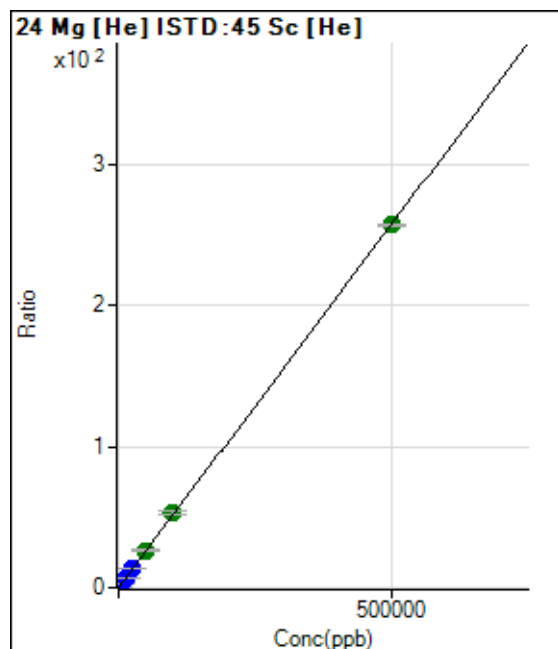
$$R = 1.0000$$

$$DL = 3.282$$

$$BEC = 44.04$$

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      | 627.82      | 0.0017   | P    | 3.8 |
| 2 | <input type="checkbox"/> | 50.000    | 46.896     | 9631.23     | 0.0259   | P    | 1.7 |
| 3 | <input type="checkbox"/> | 500.000   | 487.314    | 91603.78    | 0.2530   | P    | 0.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 5250.068   | 971350.38   | 2.7091   | P    | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 12985.101  | 2292310.51  | 6.6979   | P    | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 26328.201  | 4299161.81  | 13.5787  | P    | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 51459.714  | 8150608.43  | 26.5386  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 102565.27  | 16186909.04 | 52.8929  | A    | 4.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 499259.94  | 85622597.75 | 257.4617 | A    | 0.5 |

$$y = 5.1568\text{E-}004 * x + 0.0017$$

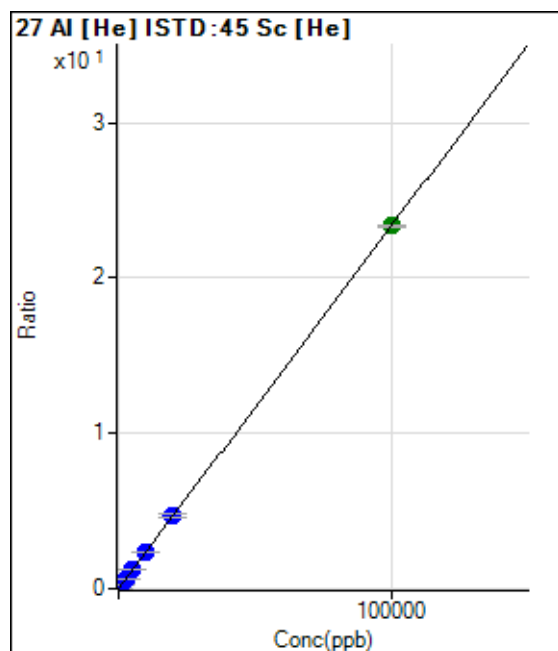
$$R = 1.0000$$

$$DL = 0.3769$$

$$BEC = 3.273$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 47.22      | 0.0001  | P    | 10.0 |
| 2 | <input type="checkbox"/> | 2.000     | 1.949      | 216.68     | 0.0006  | P    | 30.0 |
| 3 | <input type="checkbox"/> | 20.000    | 18.745     | 1630.72    | 0.0045  | P    | 9.0  |
| 4 | <input type="checkbox"/> | 1000.000  | 1033.139   | 86561.27   | 0.2414  | P    | 1.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2549.284   | 203809.20  | 0.5955  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5068.778   | 374851.00  | 1.1839  | P    | 0.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 10009.257  | 717995.47  | 2.3378  | P    | 0.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 20101.439  | 1436850.35 | 4.6949  | P    | 4.8  |
| 9 | <input type="checkbox"/> | 100000.00 | 99973.784  | 7765143.66 | 23.3492 | A    | 0.2  |

$$y = 2.3355\text{E-}004 * x + 1.2695\text{E-}004$$

$$R = 1.0000$$

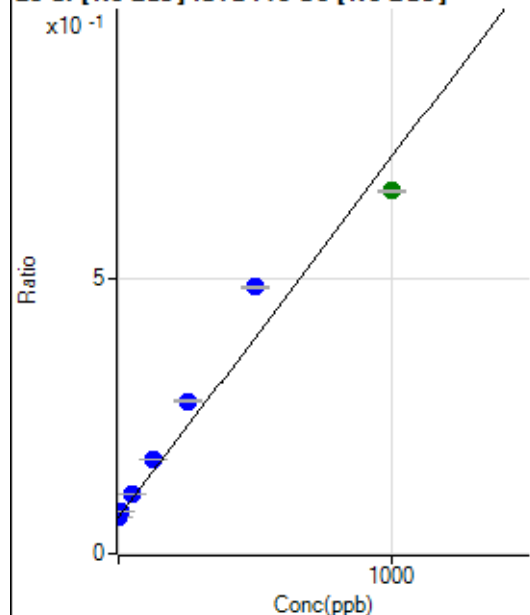
$$DL = 0.1633$$

$$BEC = 0.5435$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 455612.95  | 0.0661 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 1.000    | -0.913     | 464868.65  | 0.0655 | P    | 0.9 |
| 3 | <input type="checkbox"/> | 10.000   | 16.493     | 529321.40  | 0.0769 | P    | 0.4 |
| 4 | <input type="checkbox"/> | 50.000   | 63.613     | 742688.70  | 0.1077 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 159.435    | 1160749.76 | 0.1705 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 323.605    | 1802341.58 | 0.2780 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 639.484    | 3046681.56 | 0.4850 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 906.809    | 4163374.57 | 0.6601 | A    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 718613.47  | 0.1103 | P    | 0.6 |

$$y = 6.5504\text{E-}004 * x + 0.0661$$

$$R = 0.9818$$

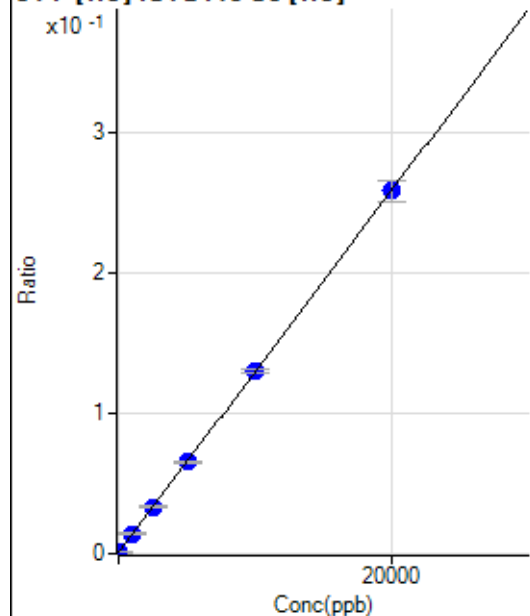
$$DL = 3.346$$

$$BEC = 100.9$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -14.693    | 205.56   | 0.0006 | P    | 16.3 |
| 2 | <input type="checkbox"/> | 0.000     | 2.038      | 286.13   | 0.0008 | P    | 2.9  |
| 3 | <input type="checkbox"/> | 0.000     | 12.655     | 327.80   | 0.0009 | P    | 7.7  |
| 4 | <input type="checkbox"/> | 1000.000  | 1055.199   | 5148.34  | 0.0144 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2541.211   | 11477.06 | 0.0335 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 4989.867   | 20620.43 | 0.0651 | P    | 2.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10020.257  | 39937.76 | 0.1300 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 20000.000 | 19984.493  | 79124.23 | 0.2586 | P    | 5.8  |
| 9 | <input type="checkbox"/> |           |            | 250.01   | 0.0008 | P    | 2.6  |

$$y = 1.2904\text{E-}005 * x + 7.4218\text{E-}004$$

$$R = 1.0000$$

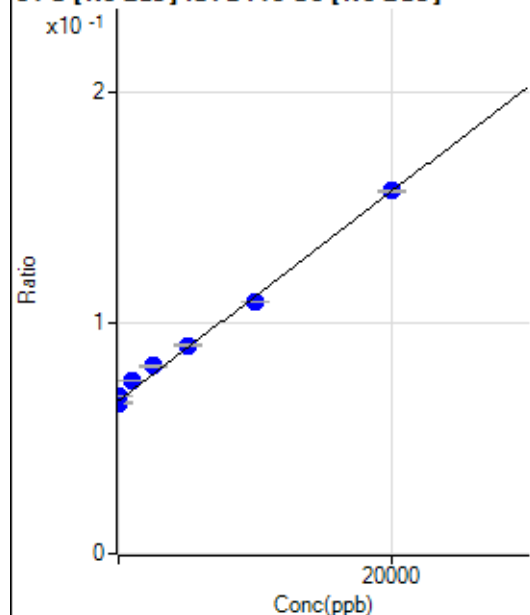
$$DL = 14.11$$

$$BEC = 57.52$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -232.735   | 449409.85 | 0.0652 | P   | 1.3 |
| 2 | <input type="checkbox"/> | 0.000     | -194.808   | 463942.29 | 0.0653 | P   | 0.7 |
| 3 | <input type="checkbox"/> | 0.000     | 427.543    | 469346.83 | 0.0682 | P   | 0.3 |
| 4 | <input type="checkbox"/> | 1000.000  | 1904.931   | 516048.76 | 0.0749 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 3317.573   | 553217.86 | 0.0813 | P   | 0.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 5298.386   | 585016.14 | 0.0902 | P   | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9493.388   | 686432.36 | 0.1093 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 20000.000 | 20031.267  | 990528.38 | 0.1570 | P   | 0.7 |
| 9 | <input type="checkbox"/> |           |            | 398171.71 | 0.0611 | P   | 1.3 |

$$y = 4.5337\text{E-}006 * x + 0.0662$$

$$R = 0.9975$$

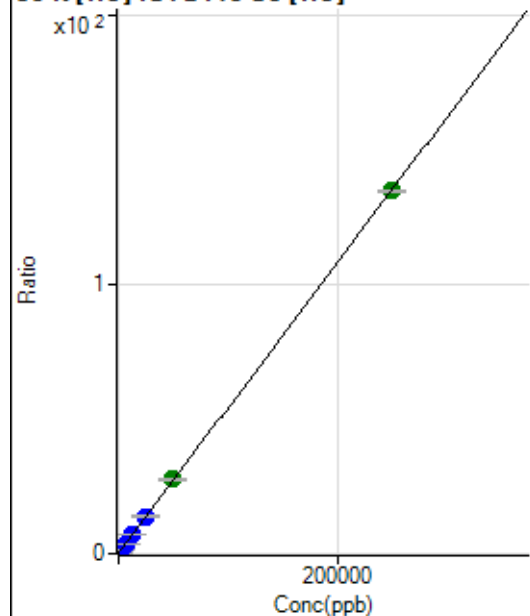
$$DL = 328.7$$

$$BEC = 1.461\text{E}+04$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 44473.24    | 0.1196   | P   | 0.4 |
| 2 | <input type="checkbox"/> | 50.000    | 53.339     | 55231.31    | 0.1484   | P   | 0.4 |
| 3 | <input type="checkbox"/> | 500.000   | 510.926    | 143137.11   | 0.3953   | P   | 0.5 |
| 4 | <input type="checkbox"/> | 2500.000  | 2643.554   | 554411.26   | 1.5462   | P   | 1.0 |
| 5 | <input type="checkbox"/> | 6250.000  | 6496.454   | 1240803.09  | 3.6255   | P   | 0.2 |
| 6 | <input type="checkbox"/> | 12500.000 | 12863.421  | 2235768.08  | 7.0616   | P   | 0.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 25571.957  | 4275151.53  | 13.9200  | P   | 0.6 |
| 8 | <input type="checkbox"/> | 50000.000 | 50869.525  | 8438590.21  | 27.5723  | A   | 4.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 249743.10  | 44862785.03 | 134.8985 | A   | 0.2 |

$$y = 5.3967\text{E-}004 * x + 0.1196$$

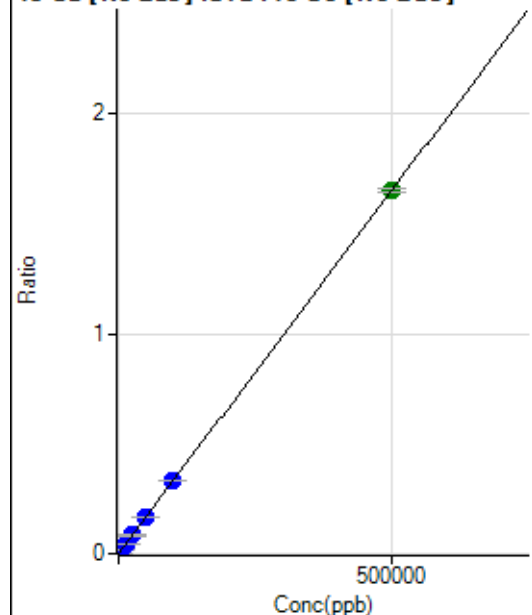
$$R = 1.0000$$

$$DL = 2.496$$

$$BEC = 221.6$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [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      | 188.90      | 0.0000 | P    | 29.3 |
| 2 | <input type="checkbox"/> | 50.000    | 43.297     | 1208.44     | 0.0002 | P    | 6.5  |
| 3 | <input type="checkbox"/> | 500.000   | 453.045    | 10473.54    | 0.0015 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 5000.000  | 5037.231   | 114675.88   | 0.0166 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 12500.000 | 12544.148  | 281723.12   | 0.0414 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 25000.000 | 25182.232  | 538344.63   | 0.0830 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 50000.000 | 50361.863  | 1043238.91  | 0.1661 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 100000.00 | 99900.017  | 2077565.15  | 0.3294 | P    | 0.3  |
| 9 | <input type="checkbox"/> | 500000.00 | 499973.27  | 10742094.86 | 1.6483 | A    | 1.1  |

$$y = 3.2968\text{E-}006 * x + 2.7436\text{E-}005$$

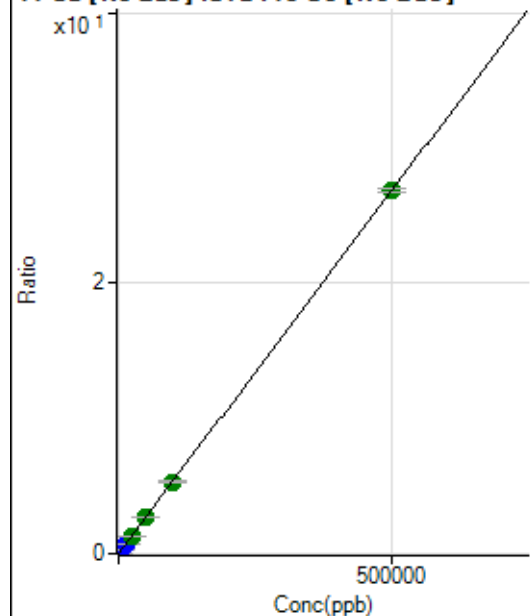
$$R = 1.0000$$

$$DL = 7.316$$

$$BEC = 8.322$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [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      | 10615.36    | 0.0015  | P    | 3.2 |
| 2 | <input type="checkbox"/> | 50.000    | 43.588     | 27535.16    | 0.0039  | P    | 0.5 |
| 3 | <input type="checkbox"/> | 500.000   | 452.019    | 177601.72   | 0.0258  | P    | 1.1 |
| 4 | <input type="checkbox"/> | 5000.000  | 5045.765   | 1876901.58  | 0.2723  | P    | 0.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12662.401  | 4635672.63  | 0.6809  | P    | 0.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 25053.112  | 8723512.00  | 1.3457  | A    | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 50032.407  | 16874026.24 | 2.6859  | A    | 0.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 99363.965  | 33636575.06 | 5.3327  | A    | 0.3 |
| 9 | <input type="checkbox"/> | 500000.00 | 500116.84  | 174878634.4 | 26.8344 | A    | 1.2 |

$$y = 5.3653\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

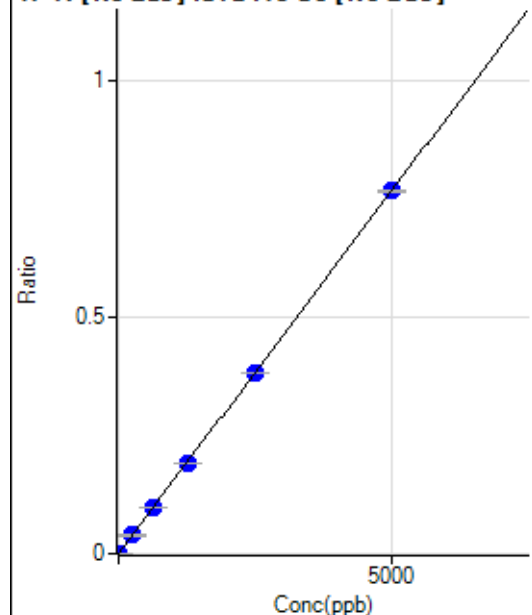
$$DL = 2.777$$

$$BEC = 28.69$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.67      | 0.0000 | P    | 46.1 |
| 2 | <input type="checkbox"/> | 0.500    | 0.395      | 525.03     | 0.0001 | P    | 8.5  |
| 3 | <input type="checkbox"/> | 5.000    | 4.878      | 5245.61    | 0.0008 | P    | 4.5  |
| 4 | <input type="checkbox"/> | 250.000  | 252.429    | 267089.98  | 0.0387 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 625.000  | 626.416    | 654429.21  | 0.0961 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1252.480   | 1245826.33 | 0.1922 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2496.211   | 2406262.90 | 0.3830 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 5000.976   | 4839955.06 | 0.7673 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 1602.93    | 0.0002 | P    | 10.6 |

$$y = 1.5343\text{E-}004 * x + 1.3315\text{E-}005$$

$$R = 1.0000$$

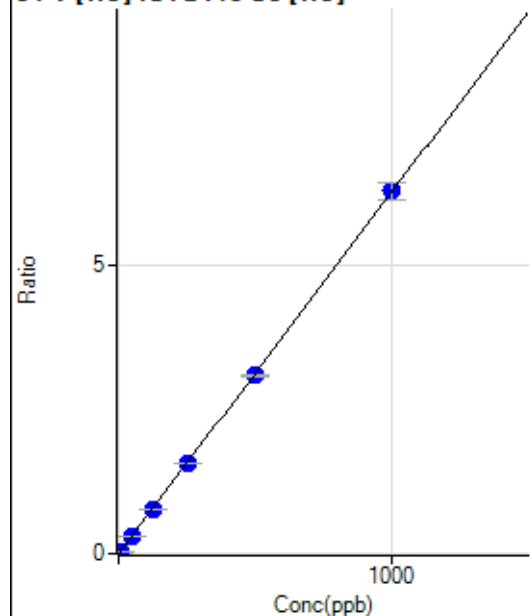
$$DL = 0.1201$$

$$BEC = 0.08678$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67       | 0.0000 | P    | 49.7 |
| 2 | <input type="checkbox"/> | 0.500    | 0.412      | 966.72     | 0.0026 | P    | 10.3 |
| 3 | <input type="checkbox"/> | 5.000    | 4.539      | 10290.39   | 0.0284 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.832     | 111823.96  | 0.3119 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 122.961    | 263349.26  | 0.7695 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 248.161    | 491693.59  | 1.5530 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 493.138    | 947791.44  | 3.0860 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.156   | 1923315.60 | 6.2839 | P    | 4.6  |
| 9 | <input type="checkbox"/> |          |            | 1096.73    | 0.0033 | P    | 2.9  |

$$y = 0.0063 * x + 1.7906\text{E-}005$$

$$R = 1.0000$$

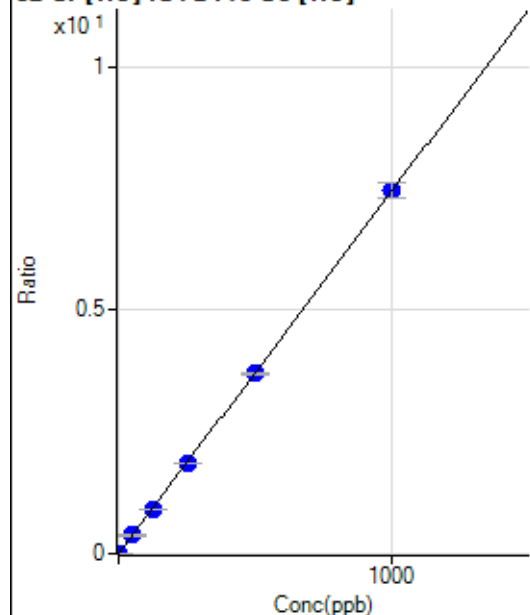
$$DL = 0.00427$$

$$BEC = 0.002861$$

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      | 193.34     | 0.0005 | P   | 16.2 |
| 2 | <input type="checkbox"/> | 0.200    | 0.183      | 700.03     | 0.0019 | P   | 3.4  |
| 3 | <input type="checkbox"/> | 2.000    | 1.964      | 5477.77    | 0.0151 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.492     | 134874.60  | 0.3762 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.264    | 316572.95  | 0.9250 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 250.733    | 590764.79  | 1.8659 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 496.633    | 1134918.75 | 3.6953 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.567   | 2280911.55 | 7.4519 | P   | 4.4  |
| 9 | <input type="checkbox"/> |          |            | 117633.21  | 0.3537 | P   | 0.4  |

$$y = 0.0074 * x + 5.1966E-004$$

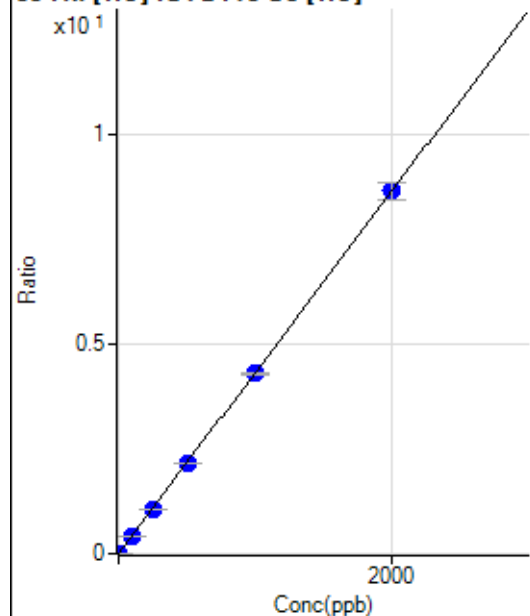
$$R = 1.0000$$

$$DL = 0.03394$$

$$BEC = 0.06985$$

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      | 90.00      | 0.0002 | P   | 26.7 |
| 2 | <input type="checkbox"/> | 0.100    | 0.069      | 201.12     | 0.0005 | P   | 6.2  |
| 3 | <input type="checkbox"/> | 1.000    | 0.933      | 1550.11    | 0.0043 | P   | 2.3  |
| 4 | <input type="checkbox"/> | 100.000  | 99.661     | 154723.42  | 0.4315 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 248.611    | 368274.30  | 1.0761 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 498.413    | 682952.65  | 2.1571 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.876    | 1320974.78 | 4.3011 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 2000.000 | 2003.650   | 2653877.58 | 8.6708 | P   | 4.5  |
| 9 | <input type="checkbox"/> |          |            | 13874.51   | 0.0417 | P   | 0.9  |

$$y = 0.0043 * x + 2.4192E-004$$

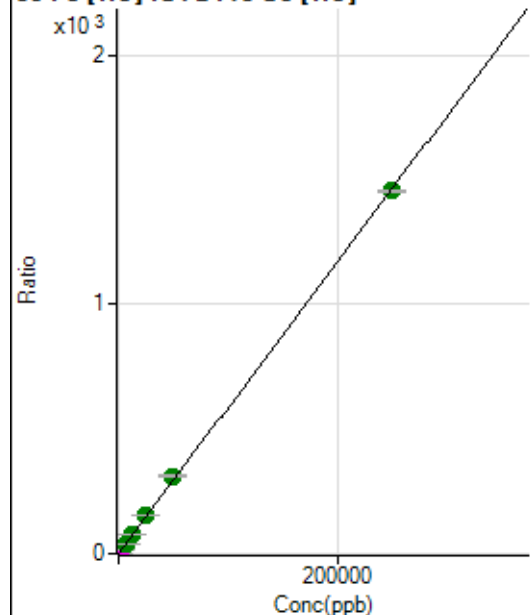
$$R = 1.0000$$

$$DL = 0.04471$$

$$BEC = 0.05591$$

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      | 5469.69     | 0.0147    | P    | 2.9 |
| 2 | <input type="checkbox"/> | 5.000     | 4.250      | 14726.27    | 0.0396    | P    | 2.7 |
| 3 | <input type="checkbox"/> | 50.000    | 48.827     | 108686.14   | 0.3002    | P    | 0.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2669.485   | 5601320.03  | 15.6214   | M    | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6617.453   | 13245689.65 | 38.7024   | A    | 0.2 |
| 6 | <input type="checkbox"/> | 12500.000 | 13365.427  | 24744032.73 | 78.1532   | A    | 0.9 |
| 7 | <input type="checkbox"/> | 25000.000 | 26598.056  | 47762288.11 | 155.5153  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 50000.000 | 53468.134  | 95676200.29 | 312.6062  | A    | 4.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 249092.41  | 484298747.8 | 1,456.287 | A    | 0.6 |

$$y = 0.0058 * x + 0.0147$$

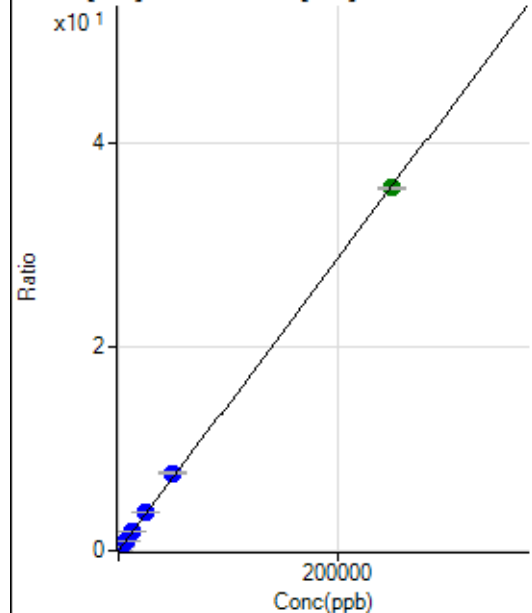
$$R = 0.9999$$

$$DL = 0.2196$$

$$BEC = 2.515$$

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      | 487.06      | 0.0013  | P    | 12.8 |
| 2 | <input type="checkbox"/> | 5.000     | 4.023      | 701.89      | 0.0019  | P    | 6.0  |
| 3 | <input type="checkbox"/> | 50.000    | 51.006     | 3117.10     | 0.0086  | P    | 3.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2662.705   | 137113.10   | 0.3824  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 6250.000  | 6584.801   | 322972.49   | 0.9437  | P    | 0.7  |
| 6 | <input type="checkbox"/> | 12500.000 | 13358.410  | 605725.78   | 1.9132  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 25000.000 | 26489.337  | 1164740.43  | 3.7924  | P    | 1.0  |
| 8 | <input type="checkbox"/> | 50000.000 | 53463.594  | 2342302.22  | 7.6530  | P    | 4.6  |
| 9 | <input type="checkbox"/> | 250000.00 | 249105.43  | 11856581.75 | 35.6531 | A    | 0.7  |

$$y = 1.4312E-004 * x + 0.0013$$

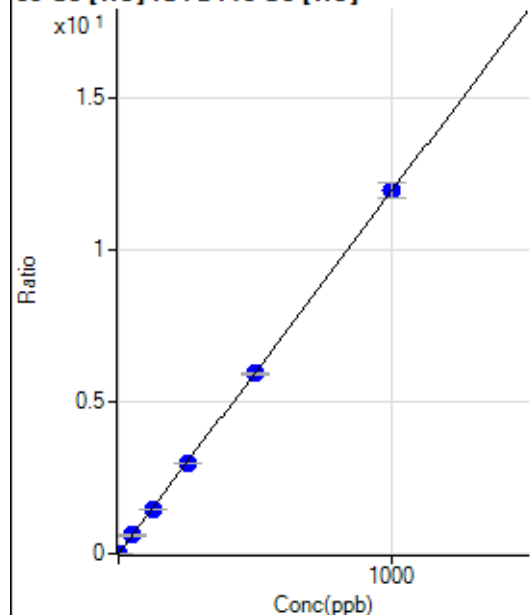
$$R = 0.9999$$

$$DL = 3.521$$

$$BEC = 9.147$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 60.00      | 0.0002  | P    | 14.5 |
| 2 | <input type="checkbox"/> | 0.100    | 0.091      | 465.57     | 0.0013  | P    | 9.5  |
| 3 | <input type="checkbox"/> | 1.000    | 0.964      | 4222.90    | 0.0117  | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.540     | 216188.42  | 0.6030  | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.130    | 506740.00  | 1.4807  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 251.087    | 948219.81  | 2.9949  | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 497.047    | 1820775.09 | 5.9285  | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.287   | 3655829.11 | 11.9426 | P    | 4.1  |
| 9 | <input type="checkbox"/> |          |            | 6897.28    | 0.0207  | P    | 3.0  |

$$y = 0.0119 * x + 1.6128E-004$$

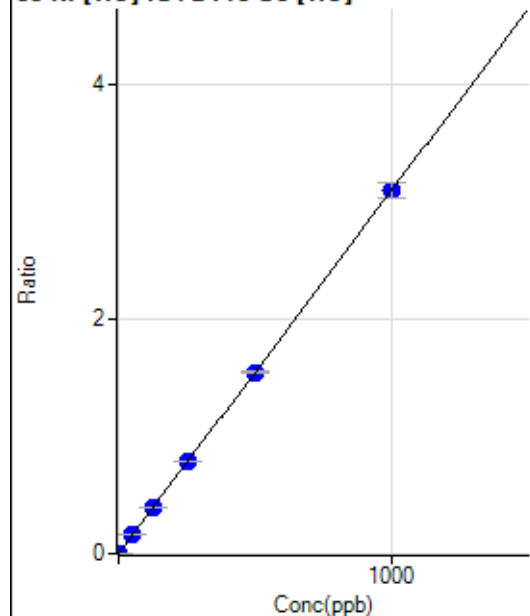
$$R = 1.0000$$

$$DL = 0.005874$$

$$BEC = 0.01352$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 196.67    | 0.0005 | P    | 2.8 |
| 2 | <input type="checkbox"/> | 0.100    | 0.113      | 326.68    | 0.0009 | P    | 2.8 |
| 3 | <input type="checkbox"/> | 1.000    | 0.991      | 1300.08   | 0.0036 | P    | 8.1 |
| 4 | <input type="checkbox"/> | 50.000   | 51.372     | 57120.83  | 0.1593 | P    | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 125.794    | 133243.08 | 0.3893 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 253.786    | 248522.39 | 0.7849 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 499.940    | 474742.44 | 1.5458 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.916    | 945266.35 | 3.0880 | P    | 4.2 |
| 9 | <input type="checkbox"/> |          |            | 30193.54  | 0.0908 | P    | 2.1 |

$$y = 0.0031 * x + 5.2874E-004$$

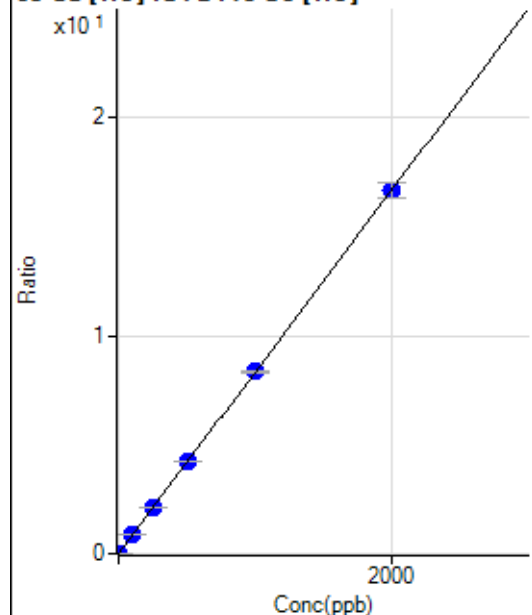
$$R = 1.0000$$

$$DL = 0.01447$$

$$BEC = 0.1711$$

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      | 971.16     | 0.0026  | P    | 8.1 |
| 2 | <input type="checkbox"/> | 0.200    | 0.213      | 1631.23    | 0.0044  | P    | 3.5 |
| 3 | <input type="checkbox"/> | 2.000    | 1.945      | 6803.89    | 0.0188  | P    | 0.9 |
| 4 | <input type="checkbox"/> | 100.000  | 102.078    | 305488.61  | 0.8520  | P    | 1.3 |
| 5 | <input type="checkbox"/> | 250.000  | 250.660    | 714700.03  | 2.0883  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 507.617    | 1338125.34 | 4.2264  | P    | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.831   | 2558444.23 | 8.3304  | P    | 0.7 |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.494   | 5088597.25 | 16.6234 | P    | 4.1 |
| 9 | <input type="checkbox"/> |          |            | 11746.01   | 0.0353  | P    | 0.1 |

$$y = 0.0083 * x + 0.0026$$

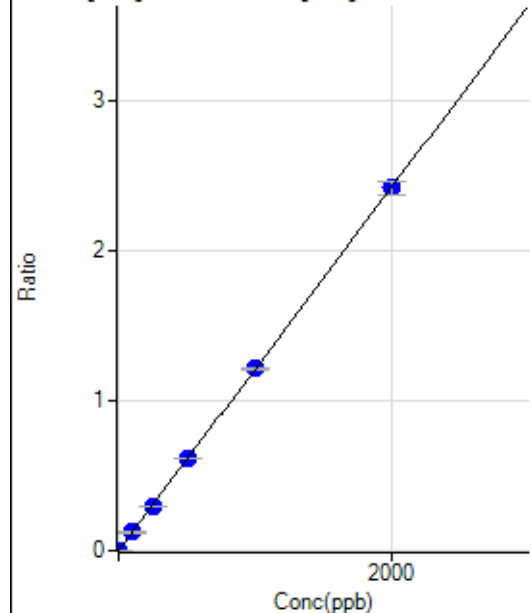
$$R = 1.0000$$

$$DL = 0.07637$$

$$BEC = 0.3138$$

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      | 140.00    | 0.0004 | P    | 33.0 |
| 2 | <input type="checkbox"/> | 0.200    | 0.194      | 227.78    | 0.0006 | P    | 1.7  |
| 3 | <input type="checkbox"/> | 2.000    | 2.028      | 1024.50   | 0.0028 | P    | 7.7  |
| 4 | <input type="checkbox"/> | 100.000  | 100.375    | 43657.39  | 0.1218 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 247.750    | 102657.53 | 0.3000 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 506.225    | 193929.76 | 0.6125 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.581   | 372452.47 | 1.2127 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.416   | 739550.74 | 2.4157 | P    | 3.8  |
| 9 | <input type="checkbox"/> |          |            | 3222.63   | 0.0097 | P    | 1.5  |

$$y = 0.0012 * x + 3.7661E-004$$

$$R = 1.0000$$

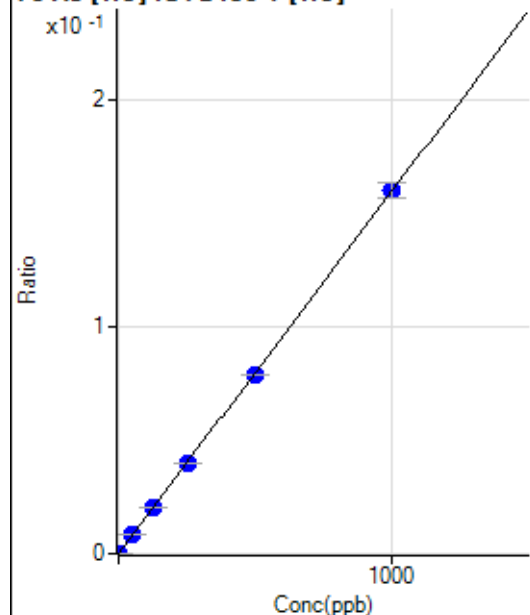
$$DL = 0.3081$$

$$BEC = 0.3115$$

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      | 3.70      | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 0.100    | 0.124      | 43.83     | 0.0000 | P   | 31.9 |
| 3 | <input type="checkbox"/> | 1.000    | 1.009      | 318.53    | 0.0002 | P   | 5.8  |
| 4 | <input type="checkbox"/> | 50.000   | 51.665     | 16070.07  | 0.0082 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 126.684    | 37753.19  | 0.0202 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.641    | 71171.63  | 0.0398 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 494.579    | 138223.88 | 0.0789 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.507   | 278672.58 | 0.1599 | P   | 4.3  |
| 9 | <input type="checkbox"/> |          |            | 133.95    | 0.0001 | P   | 11.3 |

$$y = 1.5951\text{E-}004 * x + 1.8621\text{E-}006$$

$$R = 1.0000$$

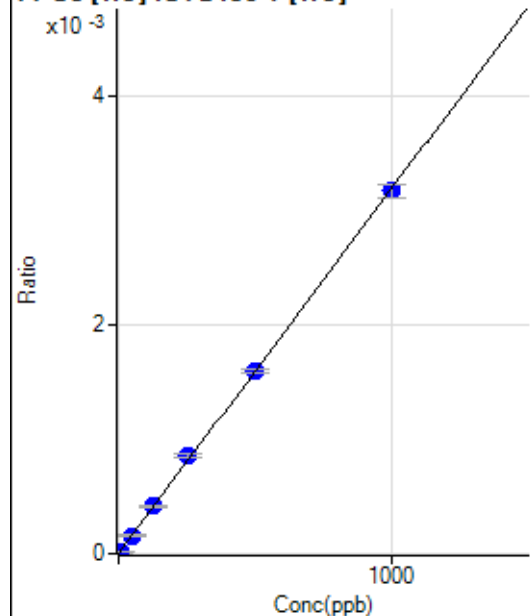
$$DL = 0.06066$$

$$BEC = 0.01167$$

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      | 4.44    | 0.0000 | P   | 44.0 |
| 2 | <input type="checkbox"/> | 0.500    | -0.183     | 3.33    | 0.0000 | P   | 99.7 |
| 3 | <input type="checkbox"/> | 5.000    | 5.531      | 38.89   | 0.0000 | P   | 17.9 |
| 4 | <input type="checkbox"/> | 50.000   | 48.034     | 303.34  | 0.0002 | P   | 10.4 |
| 5 | <input type="checkbox"/> | 125.000  | 129.141    | 774.48  | 0.0004 | P   | 6.0  |
| 6 | <input type="checkbox"/> | 250.000  | 269.391    | 1541.22 | 0.0009 | P   | 3.7  |
| 7 | <input type="checkbox"/> | 500.000  | 501.066    | 2806.99 | 0.0016 | P   | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.198    | 5537.83 | 0.0032 | P   | 3.6  |
| 9 | <input type="checkbox"/> |          |            | 1.11    | 0.0000 | P   | 173. |

$$y = 3.1929\text{E-}006 * x + 2.2241\text{E-}006$$

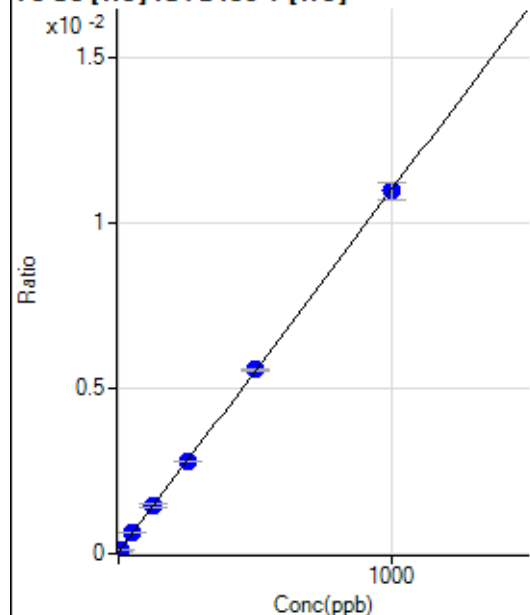
$$R = 0.9998$$

$$DL = 0.9193$$

$$BEC = 0.6966$$

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      | 96.92    | 0.0000 | P    | 18.4 |
| 2 | <input type="checkbox"/> | 0.500    | 0.699      | 113.58   | 0.0001 | P    | 7.1  |
| 3 | <input type="checkbox"/> | 5.000    | 4.565      | 192.59   | 0.0001 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 54.401     | 1257.47  | 0.0006 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 127.809    | 2708.92  | 0.0015 | P    | 4.9  |
| 6 | <input type="checkbox"/> | 250.000  | 250.382    | 4994.11  | 0.0028 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 503.705    | 9763.23  | 0.0056 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.483    | 19146.64 | 0.0110 | P    | 4.5  |
| 9 | <input type="checkbox"/> |          |            | 86.42    | 0.0000 | P    | 36.4 |

$$y = 1.0967\text{E-}005 * x + 4.8405\text{E-}005$$

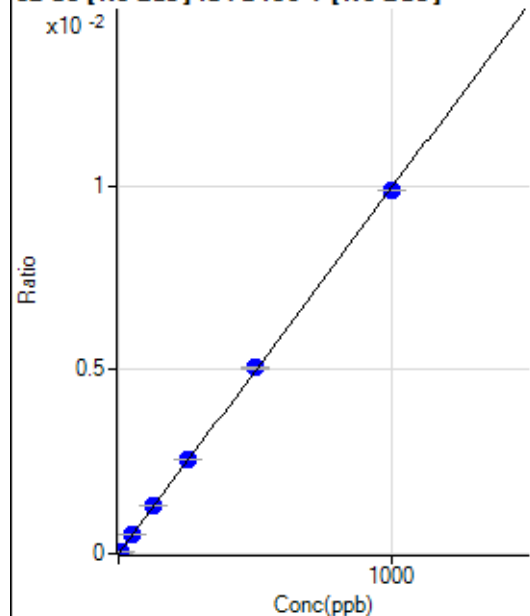
$$R = 1.0000$$

$$DL = 2.437$$

$$BEC = 4.414$$

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      | 5.22      | 0.0000 | P    | 877. |
| 2 | <input type="checkbox"/> | 0.500    | 0.999      | 120.08    | 0.0000 | P    | 40.5 |
| 3 | <input type="checkbox"/> | 5.000    | 5.430      | 612.75    | 0.0001 | P    | 5.9  |
| 4 | <input type="checkbox"/> | 50.000   | 52.696     | 5886.53   | 0.0005 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 130.748    | 14486.59  | 0.0013 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 258.804    | 27557.72  | 0.0026 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 509.635    | 53150.06  | 0.0051 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.126    | 104152.92 | 0.0099 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 136.95    | 0.0000 | P    | 14.7 |

$$y = 9.9303\text{E-}006 * x + 4.6255\text{E-}007$$

$$R = 0.9999$$

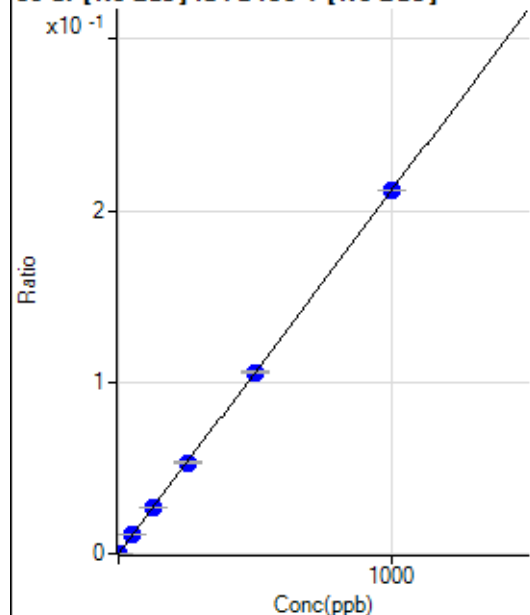
$$DL = 1.227$$

$$BEC = 0.04658$$

Weight: &lt;None&gt;

Min Conc: 0

86 Sr [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      | 725.05     | 0.0001 | P    | 6.4 |
| 2 | <input type="checkbox"/> | 0.100    | 0.049      | 872.29     | 0.0001 | P    | 8.3 |
| 3 | <input type="checkbox"/> | 1.000    | 0.936      | 2964.33    | 0.0003 | P    | 2.8 |
| 4 | <input type="checkbox"/> | 50.000   | 50.386     | 120510.92  | 0.0107 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 125.165    | 296020.46  | 0.0265 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 251.298    | 570584.86  | 0.0532 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 499.788    | 1110866.20 | 0.1058 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.741    | 2236169.56 | 0.2115 | P    | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 76129.57   | 0.0071 | P    | 0.4 |

$$y = 2.1152E-004 * x + 6.5114E-005$$

$$R = 1.0000$$

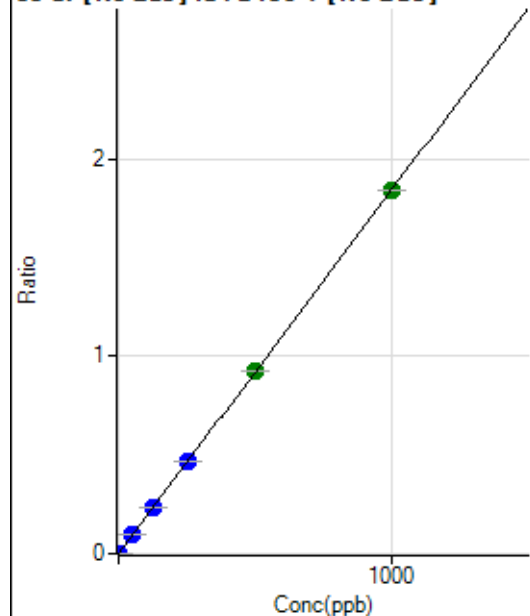
$$DL = 0.05915$$

$$BEC = 0.3078$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [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      | 147.23      | 0.0000 | P    | 3.3 |
| 2 | <input type="checkbox"/> | 0.100    | 0.087      | 2003.00     | 0.0002 | P    | 4.8 |
| 3 | <input type="checkbox"/> | 1.000    | 0.963      | 20159.32    | 0.0018 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 50.662     | 1050219.06  | 0.0934 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 125.959    | 2591068.09  | 0.2323 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 254.844    | 5039081.45  | 0.4700 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 501.594    | 9714784.77  | 0.9251 | A    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.839    | 19453982.90 | 1.8403 | A    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 657876.97   | 0.0614 | P    | 0.5 |

$$y = 0.0018 * x + 1.3220E-005$$

$$R = 1.0000$$

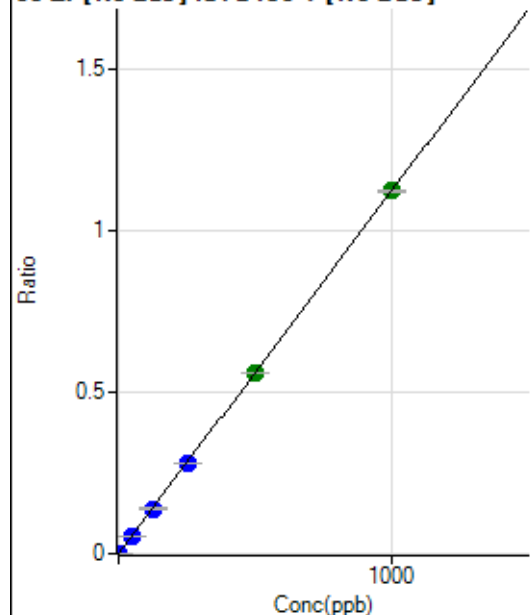
$$DL = 0.0007072$$

$$BEC = 0.007168$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [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      | 758.39      | 0.0001 | P    | 19.1 |
| 2 | <input type="checkbox"/> | 0.100    | 0.089      | 1944.66     | 0.0002 | P    | 4.2  |
| 3 | <input type="checkbox"/> | 1.000    | 0.961      | 12906.28    | 0.0011 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.063     | 631586.24   | 0.0562 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.469    | 1557247.66  | 0.1396 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 250.408    | 3010812.42  | 0.2808 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 499.111    | 5877437.37  | 0.5597 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.406   | 11857891.67 | 1.1217 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 4567.73     | 0.0004 | P    | 2.1  |

$$y = 0.0011 * x + 6.8101E-005$$

$$R = 1.0000$$

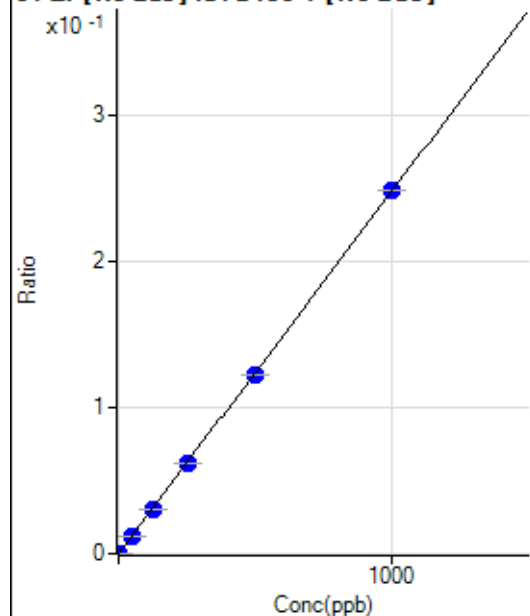
$$DL = 0.03477$$

$$BEC = 0.06074$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 125.01     | 0.0000 | P    | 20.2 |
| 2 | <input type="checkbox"/> | 0.100    | 0.100      | 416.69     | 0.0000 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 1.000    | 0.966      | 2825.40    | 0.0003 | P    | 9.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.040     | 139642.09  | 0.0124 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.481    | 344564.15  | 0.0309 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 249.803    | 664531.83  | 0.0620 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 495.956    | 1292213.97 | 0.1231 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.134   | 2628263.01 | 0.2486 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 958.41     | 0.0001 | P    | 4.7  |

$$y = 2.4808E-004 * x + 1.1227E-005$$

$$R = 1.0000$$

$$DL = 0.02743$$

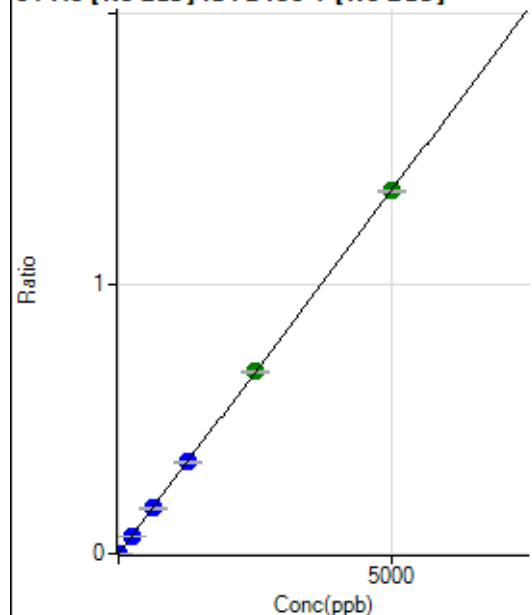
$$BEC = 0.04526$$

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      | 308.35      | 0.0000 | P    | 12.5 |
| 2 | <input type="checkbox"/> | 0.500    | 0.456      | 1736.30     | 0.0002 | P    | 3.0  |
| 3 | <input type="checkbox"/> | 5.000    | 4.564      | 14138.06    | 0.0013 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 250.000  | 250.306    | 756612.12   | 0.0673 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 622.906    | 1868150.95  | 0.1675 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1259.170   | 3629756.68  | 0.3386 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.425   | 7071203.11  | 0.6734 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.742   | 14198642.85 | 1.3432 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 19305.40    | 0.0018 | P    | 2.3  |

$$y = 2.6885\text{E-}004 * x + 2.7691\text{E-}005$$

$$R = 1.0000$$

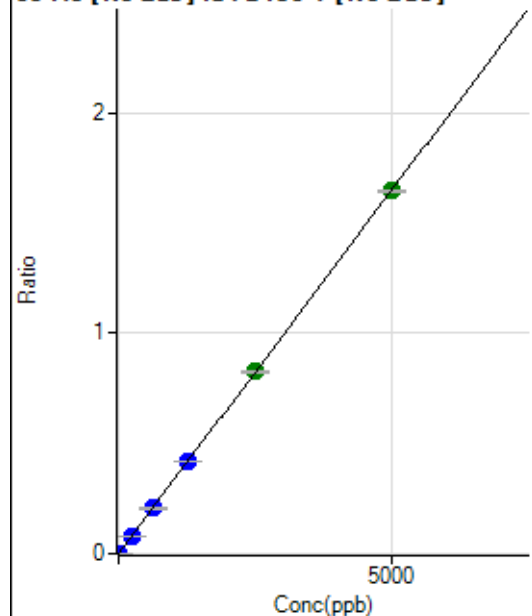
$$DL = 0.03867$$

$$BEC = 0.103$$

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      | 86.12       | 0.0000 | P    | 5.9 |
| 2 | <input type="checkbox"/> | 0.500    | 0.459      | 1833.54     | 0.0002 | P    | 9.1 |
| 3 | <input type="checkbox"/> | 5.000    | 4.569      | 17038.59    | 0.0015 | P    | 1.8 |
| 4 | <input type="checkbox"/> | 250.000  | 250.026    | 925302.17   | 0.0823 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 625.000  | 623.009    | 2288037.66  | 0.2051 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 1250.000 | 1264.390   | 4463545.07  | 0.4163 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.078   | 8658658.35  | 0.8245 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 5000.000 | 4994.611   | 17385001.08 | 1.6446 | A    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 29834.90    | 0.0028 | P    | 1.5 |

$$y = 3.2927\text{E-}004 * x + 7.7336\text{E-}006$$

$$R = 1.0000$$

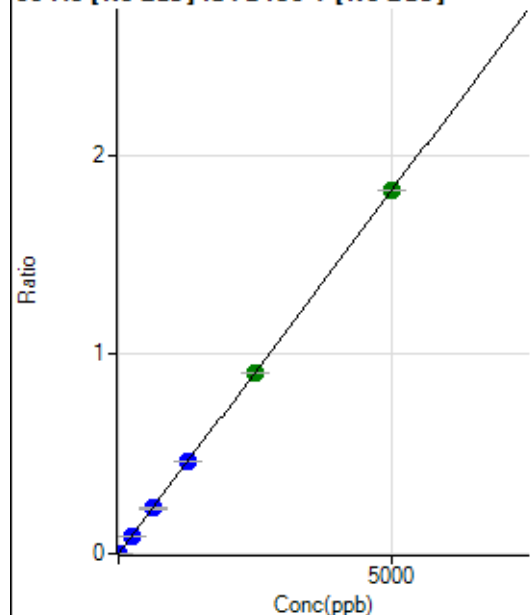
$$DL = 0.004146$$

$$BEC = 0.02349$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 122.23      | 0.0000 | P    | 10.2 |
| 2 | <input type="checkbox"/> | 0.500    | 0.418      | 1886.31     | 0.0002 | P    | 8.4  |
| 3 | <input type="checkbox"/> | 5.000    | 4.596      | 18993.86    | 0.0017 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 250.000  | 250.236    | 1024987.20  | 0.0912 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 624.370    | 2537852.29  | 0.2275 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1268.655   | 4956693.91  | 0.4623 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2492.850   | 9539999.26  | 0.9085 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.979   | 19257806.16 | 1.8217 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 34757.10    | 0.0032 | P    | 1.2  |

$$y = 3.6442\text{E-}004 * x + 1.0974\text{E-}005$$

$$R = 1.0000$$

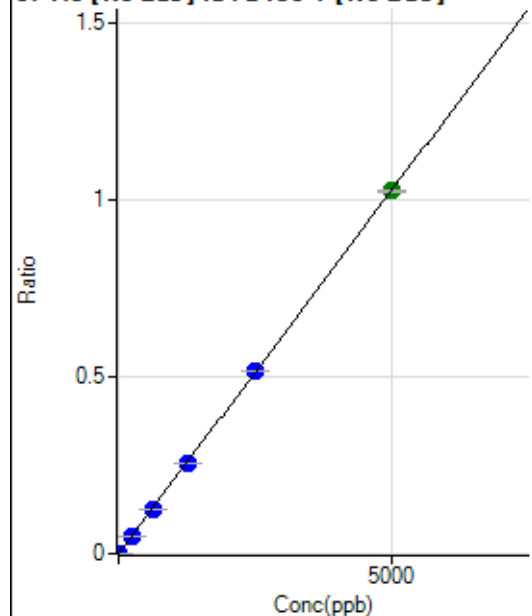
$$DL = 0.009233$$

$$BEC = 0.03011$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.56       | 0.0000 | P    | 36.2 |
| 2 | <input type="checkbox"/> | 0.500    | 0.440      | 1125.10     | 0.0001 | P    | 4.9  |
| 3 | <input type="checkbox"/> | 5.000    | 4.587      | 10676.70    | 0.0009 | P    | 3.6  |
| 4 | <input type="checkbox"/> | 250.000  | 248.887    | 573510.19   | 0.0510 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 620.169    | 1418130.30  | 0.1271 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1249.367   | 2746150.54  | 0.2561 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2509.776   | 5403286.01  | 0.5145 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.930   | 10827135.92 | 1.0242 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 18579.45    | 0.0017 | P    | 2.1  |

$$y = 2.0501\text{E-}004 * x + 7.2305\text{E-}006$$

$$R = 1.0000$$

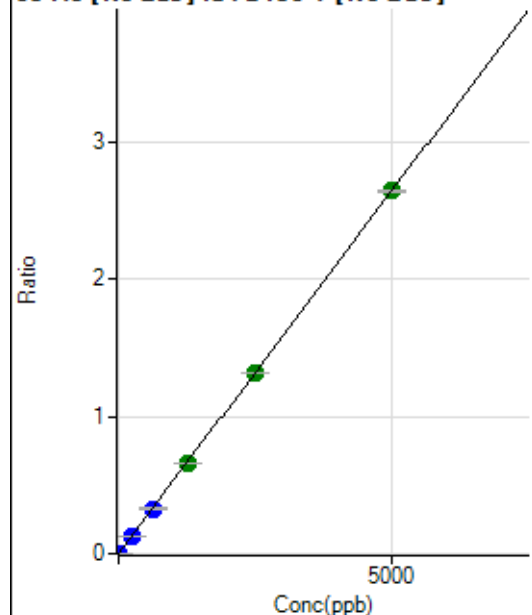
$$DL = 0.03833$$

$$BEC = 0.03527$$

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      | 111.11      | 0.0000 | P    | 56.3 |
| 2 | <input type="checkbox"/> | 0.500    | 0.416      | 2653.15     | 0.0002 | P    | 1.4  |
| 3 | <input type="checkbox"/> | 5.000    | 4.574      | 27374.28    | 0.0024 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 249.478    | 1483277.27  | 0.1320 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 621.789    | 3668699.91  | 0.3289 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1250.855   | 7094246.17  | 0.6617 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2491.788   | 13842357.43 | 1.3182 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 5004.320   | 27984807.57 | 2.6473 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 46763.96    | 0.0044 | P    | 1.8  |

$$y = 5.2900\text{E-}004 * x + 9.9774\text{E-}006$$

$$R = 1.0000$$

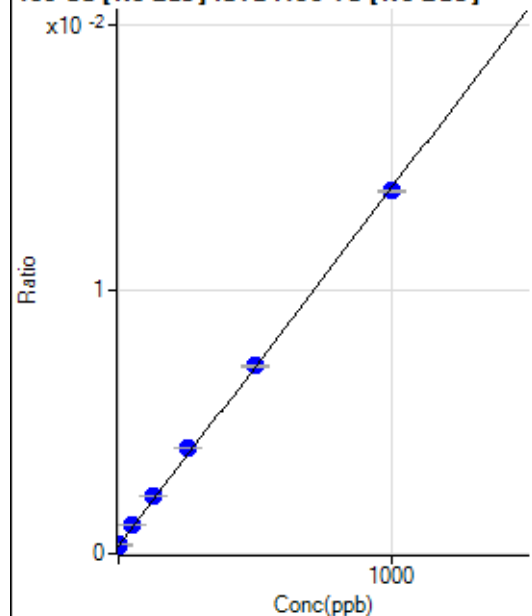
$$DL = 0.03185$$

$$BEC = 0.01886$$

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      | 3914.61   | 0.0003 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 0.100    | 0.332      | 4042.42   | 0.0003 | P    | 3.8 |
| 3 | <input type="checkbox"/> | 1.000    | 3.040      | 4425.88   | 0.0003 | P    | 4.9 |
| 4 | <input type="checkbox"/> | 50.000   | 57.323     | 14216.02  | 0.0011 | P    | 2.0 |
| 5 | <input type="checkbox"/> | 125.000  | 138.264    | 29130.78  | 0.0022 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 271.222    | 53396.22  | 0.0040 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 501.874    | 97005.46  | 0.0071 | P    | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.731    | 188302.86 | 0.0137 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 3795.12   | 0.0003 | P    | 3.7 |

$$y = 1.3550\text{E-}005 * x + 2.9895\text{E-}004$$

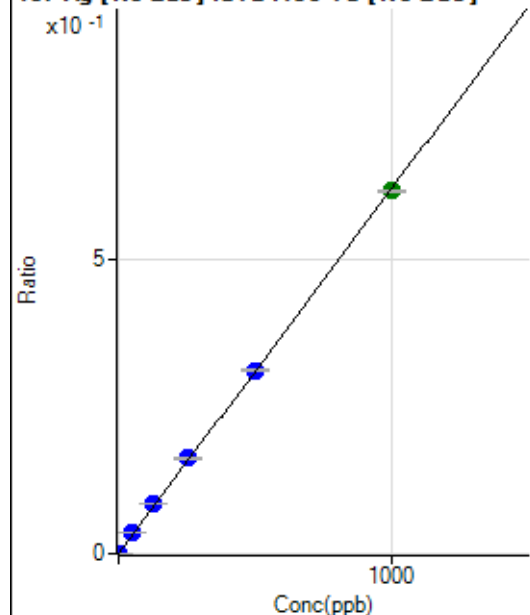
$$R = 0.9997$$

$$DL = 1.524$$

$$BEC = 22.06$$

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      | 113.90     | 0.0000 | P    | 23.6 |
| 2 | <input type="checkbox"/> | 0.100    | 0.102      | 961.19     | 0.0001 | P    | 15.4 |
| 3 | <input type="checkbox"/> | 1.000    | 1.071      | 8767.01    | 0.0007 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 56.026     | 459908.54  | 0.0348 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 135.627    | 1129481.70 | 0.0842 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 262.118    | 2187133.68 | 0.1628 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 501.452    | 4255005.95 | 0.3114 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.615    | 8466665.64 | 0.6176 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1016.76    | 0.0001 | P    | 2.6  |

$$y = 6.2098\text{E-}004 * x + 8.7000\text{E-}006$$

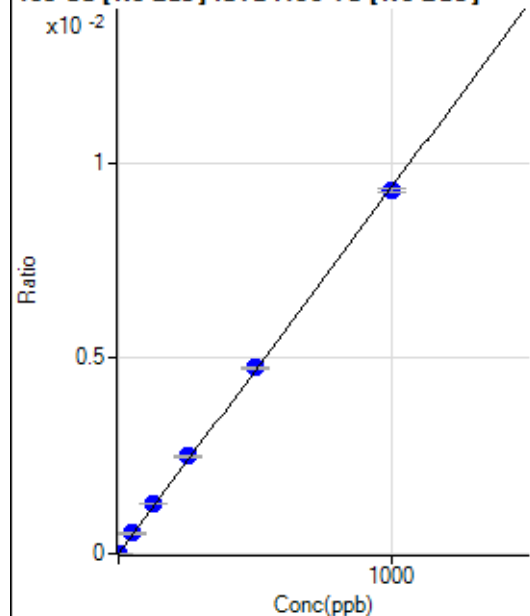
$$R = 0.9999$$

$$DL = 0.009919$$

$$BEC = 0.01401$$

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      | 9.72      | 0.0000 | P    | 49.6 |
| 2 | <input type="checkbox"/> | 0.100    | 0.132      | 26.39     | 0.0000 | P    | 45.6 |
| 3 | <input type="checkbox"/> | 1.000    | 1.048      | 137.50    | 0.0000 | P    | 11.2 |
| 4 | <input type="checkbox"/> | 50.000   | 55.675     | 6911.54   | 0.0005 | P    | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 137.378    | 17289.97  | 0.0013 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 266.181    | 33557.92  | 0.0025 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 507.313    | 65034.70  | 0.0048 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.467    | 127368.87 | 0.0093 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 45.83     | 0.0000 | P    | 39.7 |

$$y = 9.3803\text{E-}006 * x + 7.4325\text{E-}007$$

$$R = 0.9998$$

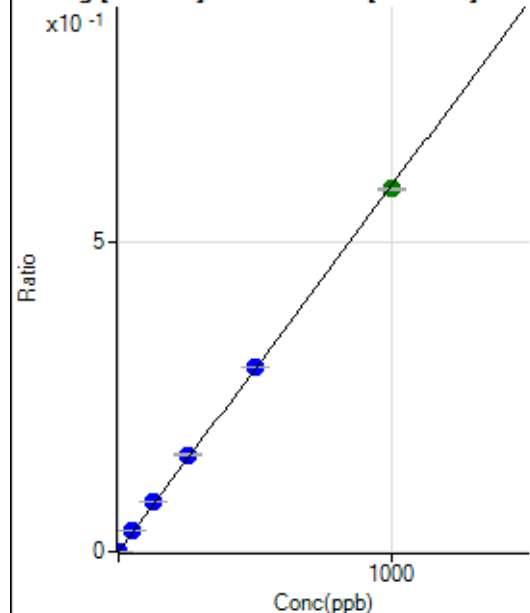
$$DL = 0.1179$$

$$BEC = 0.07923$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22      | 0.0000 | P   | 27.0 |
| 2 | <input type="checkbox"/> | 0.100    | 0.112      | 925.08     | 0.0001 | P   | 7.9  |
| 3 | <input type="checkbox"/> | 1.000    | 1.076      | 8313.89    | 0.0006 | P   | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 56.812     | 443205.43  | 0.0335 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 137.172    | 1085727.54 | 0.0810 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 265.070    | 2102170.28 | 0.1565 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 505.782    | 4079321.62 | 0.2985 | P   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.479    | 8022160.16 | 0.5852 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 1088.98    | 0.0001 | P   | 4.8  |

$$y = 5.9024\text{E-}004 * x + 3.6073\text{E-}006$$

$$R = 0.9998$$

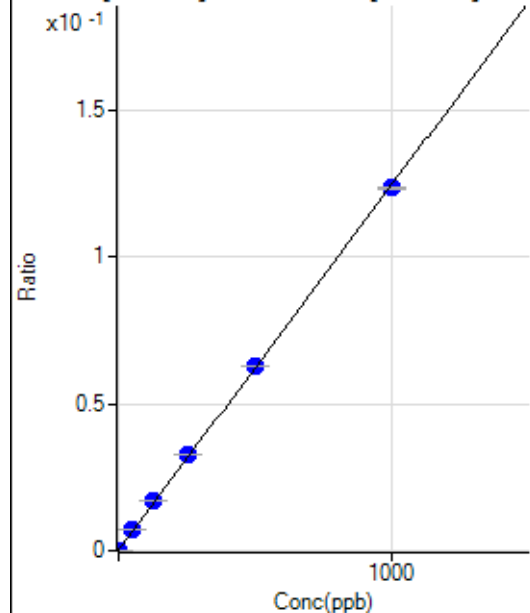
$$DL = 0.004956$$

$$BEC = 0.006112$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1573.07    | 0.0001 | P   | 1.8 |
| 2 | <input type="checkbox"/> | 0.100    | 0.105      | 1774.48    | 0.0001 | P   | 3.3 |
| 3 | <input type="checkbox"/> | 1.000    | 1.102      | 3343.26    | 0.0003 | P   | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 56.301     | 93972.11   | 0.0071 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 136.401    | 228712.05  | 0.0171 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 263.480    | 441175.07  | 0.0328 | P   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 505.133    | 858665.03  | 0.0628 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.323    | 1690647.79 | 0.1233 | P   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 1817.78    | 0.0001 | P   | 2.7 |

$$y = 1.2416\text{E-}004 * x + 1.2013\text{E-}004$$

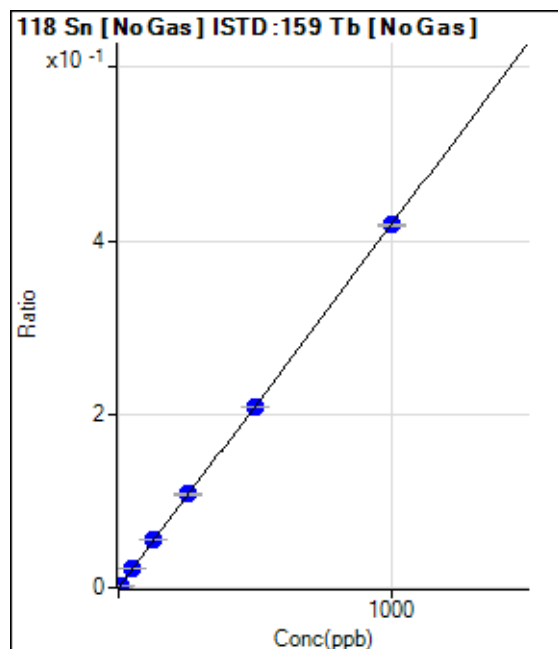
$$R = 0.9998$$

$$DL = 0.05283$$

$$BEC = 0.9675$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 750.05     | 0.0001 | P    | 8.8 |
| 2 | <input type="checkbox"/> | 0.500    | 0.480      | 3439.48    | 0.0003 | P    | 3.5 |
| 3 | <input type="checkbox"/> | 5.000    | 5.078      | 28429.57   | 0.0022 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 53.403     | 296448.92  | 0.0224 | P    | 2.0 |
| 5 | <input type="checkbox"/> | 125.000  | 130.665    | 734874.20  | 0.0548 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 256.678    | 1445737.45 | 0.1076 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 497.750    | 2850491.41 | 0.2086 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.577    | 5735940.62 | 0.4184 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 10312.51   | 0.0008 | P    | 1.0 |

$$y = 4.1898\text{E-}004 * x + 5.7295\text{E-}005$$

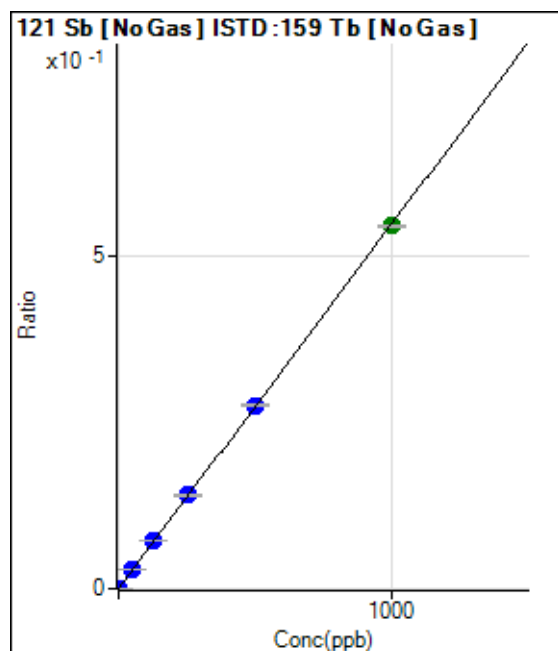
$$R = 1.0000$$

$$DL = 0.03609$$

$$BEC = 0.1367$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56      | 0.0000 | P    | 31.0 |
| 2 | <input type="checkbox"/> | 0.200    | 0.191      | 1452.92    | 0.0001 | P    | 2.2  |
| 3 | <input type="checkbox"/> | 2.000    | 2.007      | 14380.16   | 0.0011 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 53.289     | 386346.84  | 0.0292 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.142    | 957290.15  | 0.0714 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 256.719    | 1892079.47 | 0.1408 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 503.744    | 3775703.82 | 0.2763 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.641    | 7486400.69 | 0.5461 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 12942.59   | 0.0010 | P    | 5.4  |

$$y = 5.4852\text{E-}004 * x + 4.2413\text{E-}006$$

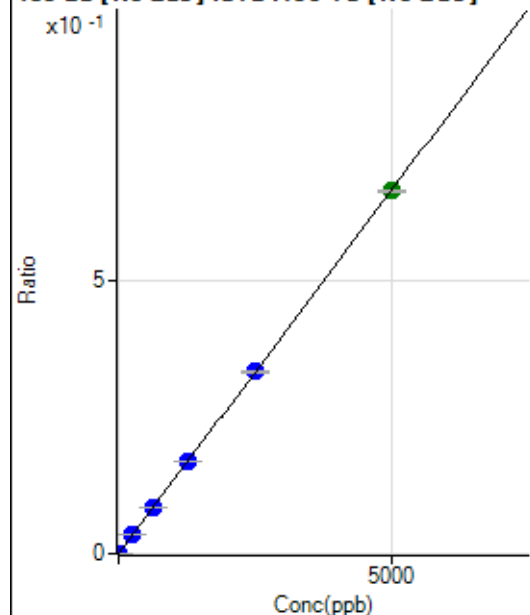
$$R = 1.0000$$

$$DL = 0.007188$$

$$BEC = 0.007732$$

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      | 30.56      | 0.0000 | P    | 87.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.956      | 1722.41    | 0.0001 | P    | 5.8  |
| 3 | <input type="checkbox"/> | 10.000   | 9.644      | 16685.66   | 0.0013 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 250.000  | 261.977    | 459630.42  | 0.0348 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 640.221    | 1139654.65 | 0.0850 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1269.106   | 2263634.23 | 0.1685 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2501.350   | 4537246.15 | 0.3320 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4992.047   | 9084112.01 | 0.6627 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 3495.04    | 0.0003 | P    | 2.8  |

$$y = 1.3275\text{E-}004 * x + 2.3371\text{E-}006$$

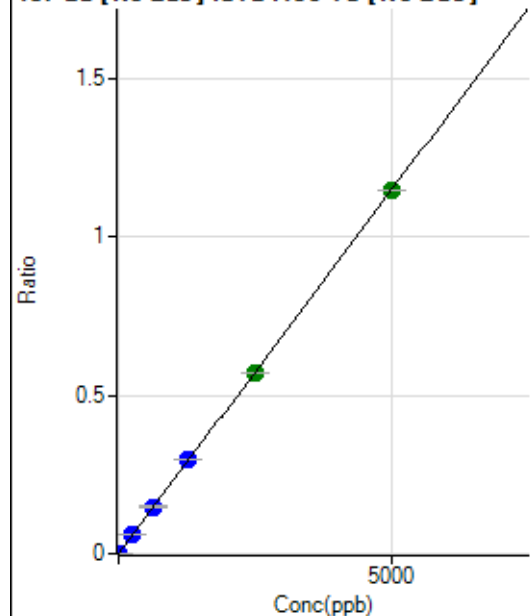
$$R = 1.0000$$

$$DL = 0.04636$$

$$BEC = 0.01761$$

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      | 52.78       | 0.0000 | P    | 36.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.945      | 2939.34     | 0.0002 | P    | 6.9  |
| 3 | <input type="checkbox"/> | 10.000   | 9.771      | 29209.45    | 0.0022 | P    | 0.5  |
| 4 | <input type="checkbox"/> | 250.000  | 264.350    | 801313.07   | 0.0606 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 647.772    | 1992244.03  | 0.1486 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1293.311   | 3985580.69  | 0.2966 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2493.897   | 7815774.74  | 0.5720 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4988.660   | 15684259.72 | 1.1442 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 6012.70     | 0.0004 | P    | 3.7  |

$$y = 2.2935\text{E-}004 * x + 4.0282\text{E-}006$$

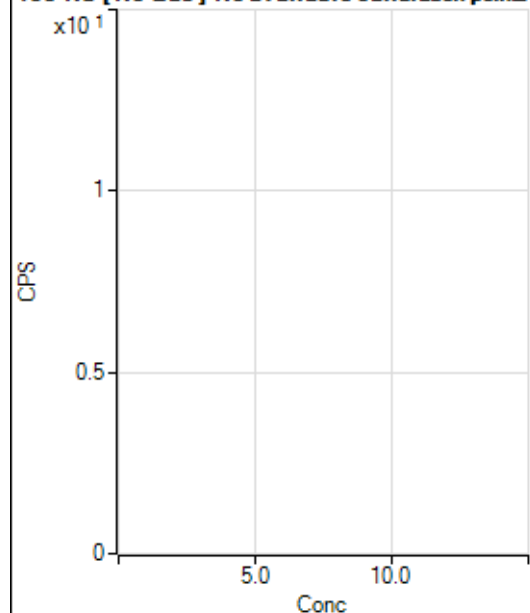
$$R = 1.0000$$

$$DL = 0.01905$$

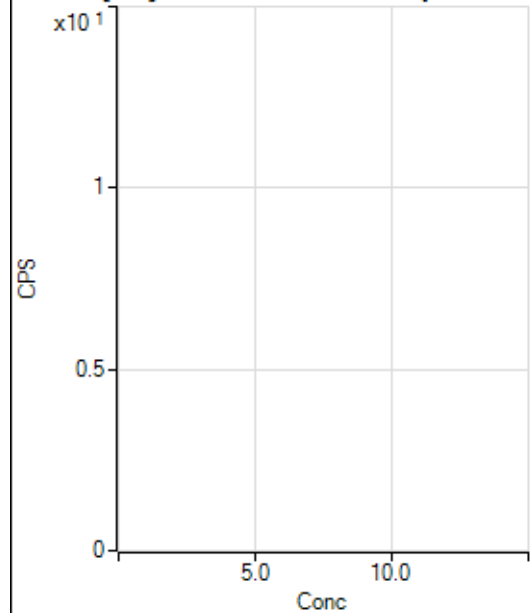
$$BEC = 0.01756$$

Weight: &lt;None&gt;

Min Conc: 0

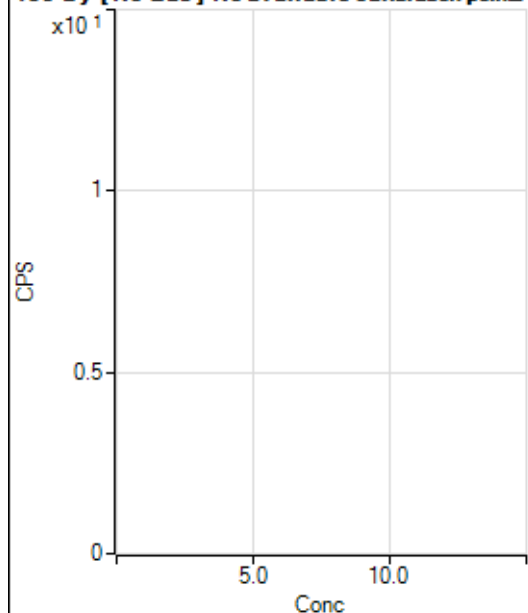
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 43.3 |
| 3 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 10.2 |
| 5 | <input type="checkbox"/> |       |            | 73.34  |       | P        | 39.6 |
| 6 | <input type="checkbox"/> |       |            | 140.01 |       | P        | 4.8  |
| 7 | <input type="checkbox"/> |       |            | 351.13 |       | P        | 17.1 |
| 8 | <input type="checkbox"/> |       |            | 606.70 |       | P        | 1.9  |
| 9 | <input type="checkbox"/> |       |            | 95.56  |       | P        | 38.4 |

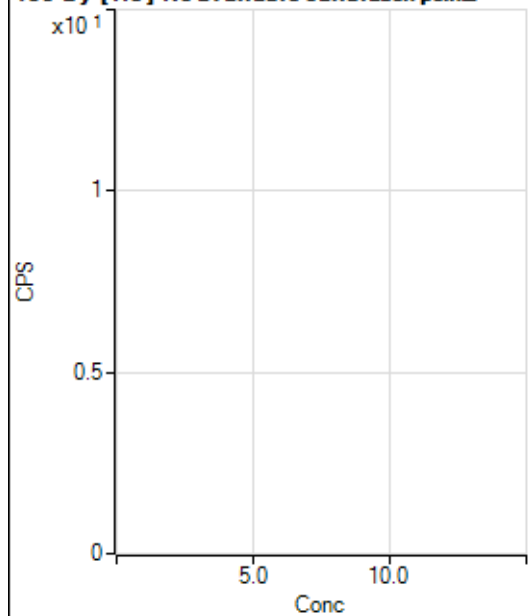
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 6 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9 |
| 7 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 29.4 |
| 8 | <input type="checkbox"/> |       |            | 82.23 |       | P        | 23.4 |
| 9 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 25.4 |

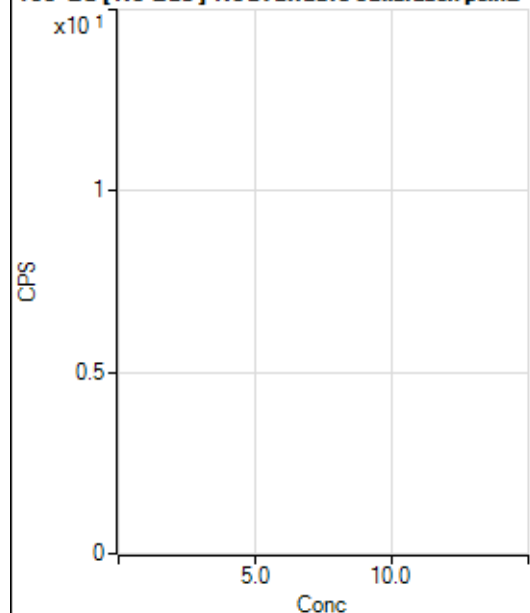


**156 Dy [ No Gas ] No available calibration points**

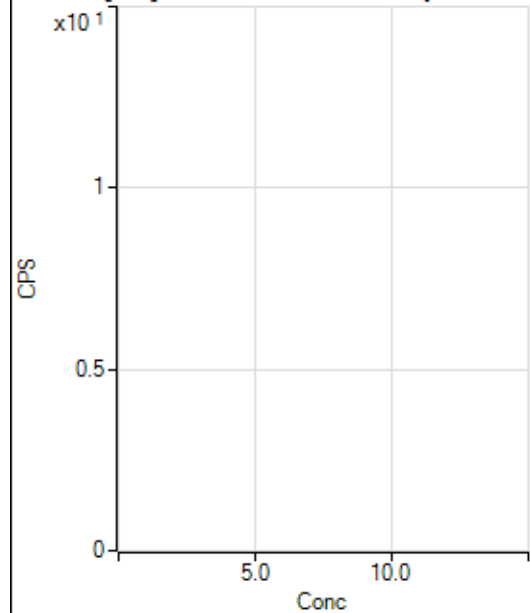
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 17.3 |
| 5 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 43.3 |
| 7 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 65.5 |
| 8 | <input type="checkbox"/> |       |            | 136.12 |       | P        | 15.4 |
| 9 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 25.4 |

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

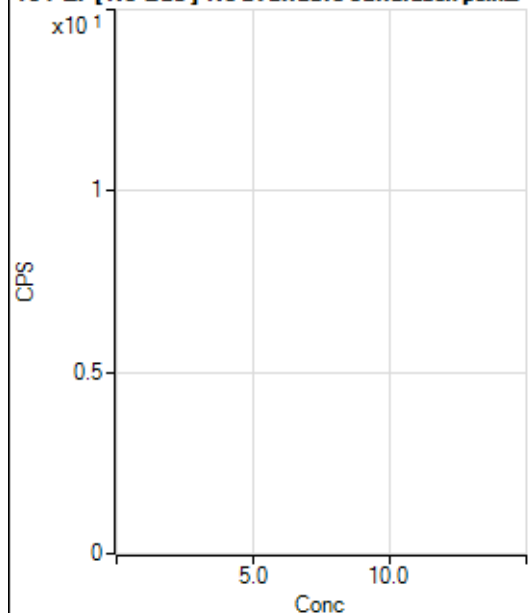
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56   |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 50.0 |
| 3 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 66.7 |
| 5 | <input type="checkbox"/> |       |            | 14.45  |       | P        | 48.0 |
| 6 | <input type="checkbox"/> |       |            | 41.11  |       | P        | 18.7 |
| 7 | <input type="checkbox"/> |       |            | 47.78  |       | P        | 22.4 |
| 8 | <input type="checkbox"/> |       |            | 121.12 |       | P        | 13.0 |
| 9 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 21.9 |

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

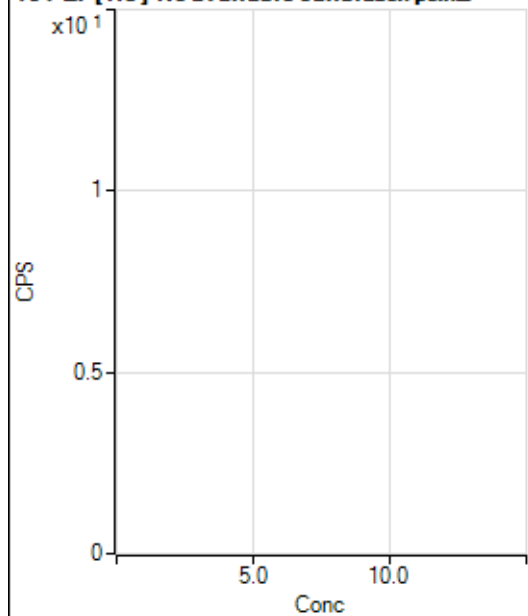
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 86.12  |       | P        | 40.3 |
| 2 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 16.7 |
| 3 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 52.4 |
| 4 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 16.4 |
| 5 | <input type="checkbox"/> |       |            | 100.01 |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 21.1 |
| 7 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 30.8 |
| 8 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 20.3 |
| 9 | <input type="checkbox"/> |       |            | 130.56 |       | P        | 18.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 185.56 |       | P        | 5.5  |
| 2 | <input type="checkbox"/> |       |            | 188.89 |       | P        | 8.2  |
| 3 | <input type="checkbox"/> |       |            | 188.90 |       | P        | 23.4 |
| 4 | <input type="checkbox"/> |       |            | 182.22 |       | P        | 13.2 |
| 5 | <input type="checkbox"/> |       |            | 170.00 |       | P        | 15.3 |
| 6 | <input type="checkbox"/> |       |            | 174.45 |       | P        | 13.0 |
| 7 | <input type="checkbox"/> |       |            | 168.89 |       | P        | 13.1 |
| 8 | <input type="checkbox"/> |       |            | 183.34 |       | P        | 7.9  |
| 9 | <input type="checkbox"/> |       |            | 225.56 |       | P        | 6.0  |

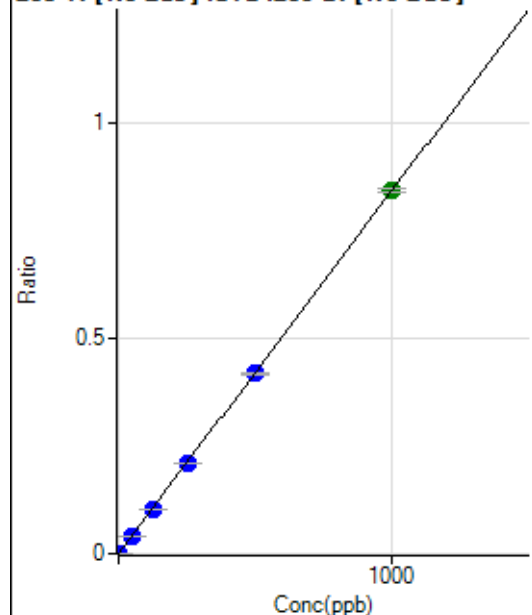
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 15.7 |
| 2 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 10.2 |
| 3 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 28.4 |
| 4 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 14.3 |
| 5 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 50.0 |
| 6 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 35.3 |
| 7 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 55.1 |
| 8 | <input type="checkbox"/> |       |            | 88.89 |       | P        | 27.1 |
| 9 | <input type="checkbox"/> |       |            | 72.23 |       | P        | 17.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 35.56 |       | P        | 53.3 |
| 2 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 28.4 |
| 3 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 17.3 |
| 4 | <input type="checkbox"/> |       |            | 25.56 |       | P        | 74.2 |
| 5 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 36.5 |
| 6 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 25.0 |
| 7 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 29.4 |
| 9 | <input type="checkbox"/> |       |            | 40.00 |       | P        | 25.0 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89      | 0.0000 | P    | 12.8 |
| 2 | <input type="checkbox"/> | 0.100    | 0.090      | 644.49     | 0.0001 | P    | 6.7  |
| 3 | <input type="checkbox"/> | 1.000    | 0.922      | 6084.98    | 0.0008 | P    | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.703     | 330206.33  | 0.0419 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 124.007    | 835176.02  | 0.1046 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 250.121    | 1730725.73 | 0.2109 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 498.372    | 3551615.88 | 0.4203 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.923   | 7023524.55 | 0.8441 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 2844.88    | 0.0004 | P    | 5.5  |

$$y = 8.4329\text{E-}004 * x + 4.9548\text{E-}006$$

$$R = 1.0000$$

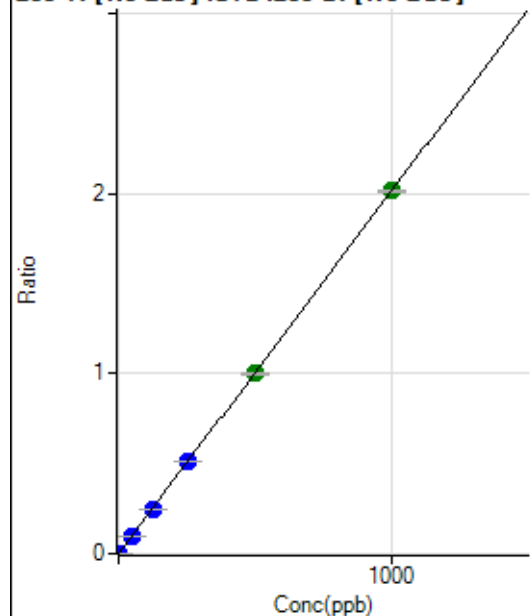
$$DL = 0.002251$$

$$BEC = 0.005876$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 97.22       | 0.0000 | P    | 21.2 |
| 2 | <input type="checkbox"/> | 0.100    | 0.087      | 1508.48     | 0.0002 | P    | 7.4  |
| 3 | <input type="checkbox"/> | 1.000    | 0.930      | 14647.56    | 0.0019 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.564     | 785589.22   | 0.0997 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.245    | 1996339.50  | 0.2500 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 254.278    | 4197700.01  | 0.5116 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.464    | 8457658.78  | 1.0008 | A    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.315   | 16746212.70 | 2.0125 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 6432.39     | 0.0009 | P    | 6.7  |

$$y = 0.0020 * x + 1.2375\text{E-}005$$

$$R = 1.0000$$

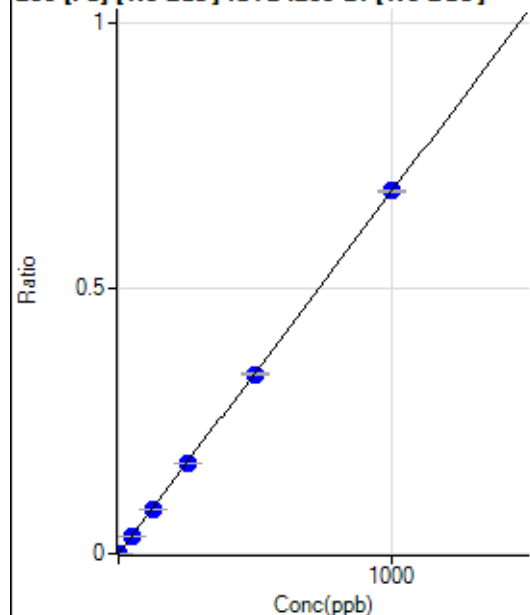
$$DL = 0.003903$$

$$BEC = 0.006151$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 175.93     | 0.0000 | P    | 15.5 |
| 2 | <input type="checkbox"/> | 0.100    | 0.090      | 668.56     | 0.0001 | P    | 9.8  |
| 3 | <input type="checkbox"/> | 1.000    | 0.956      | 5241.93    | 0.0007 | P    | 5.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.719     | 267393.57  | 0.0339 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.286    | 671954.29  | 0.0841 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.752    | 1398408.15 | 0.1704 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 495.568    | 2857517.95 | 0.3381 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.506   | 5691873.97 | 0.6840 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 11338.47   | 0.0015 | P    | 0.6  |

$$y = 6.8230E-004 * x + 2.2405E-005$$

$$R = 1.0000$$

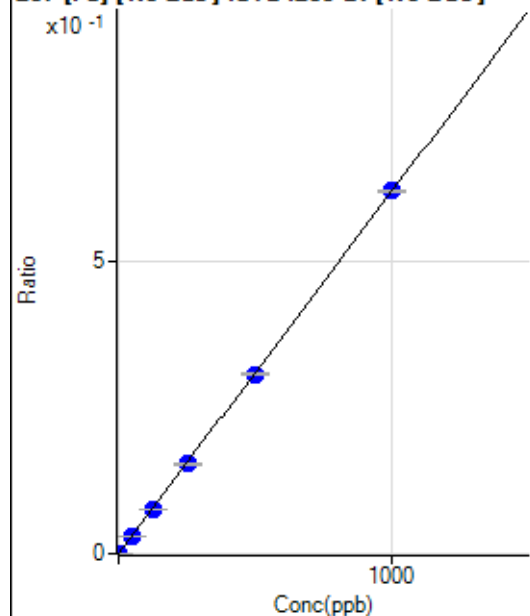
$$DL = 0.01525$$

$$BEC = 0.03284$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 192.60     | 0.0000 | P    | 18.7 |
| 2 | <input type="checkbox"/> | 0.100    | 0.092      | 651.89     | 0.0001 | P    | 8.6  |
| 3 | <input type="checkbox"/> | 1.000    | 0.934      | 4691.70    | 0.0006 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.484     | 241787.82  | 0.0307 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 123.572    | 611843.13  | 0.0766 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 247.983    | 1261298.16 | 0.1537 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 496.094    | 2598575.20 | 0.3075 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.662   | 5171410.76 | 0.6215 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 9364.68    | 0.0012 | P    | 1.5  |

$$y = 6.1979E-004 * x + 2.4540E-005$$

$$R = 1.0000$$

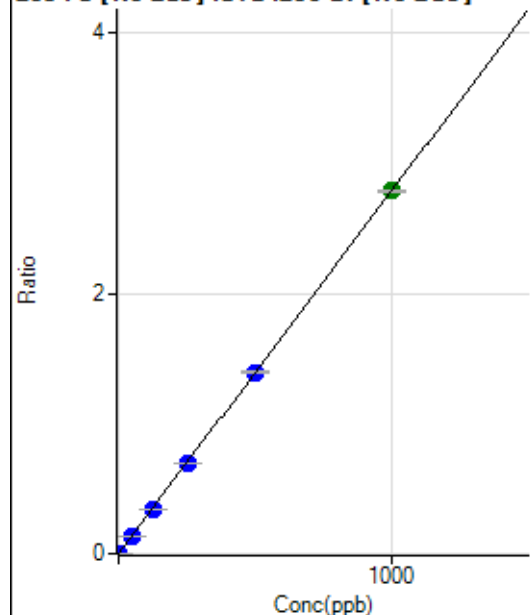
$$DL = 0.02222$$

$$BEC = 0.03959$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 803.74      | 0.0001 | P    | 6.9 |
| 2 | <input type="checkbox"/> | 0.100    | 0.091      | 2850.22     | 0.0004 | P    | 5.4 |
| 3 | <input type="checkbox"/> | 1.000    | 0.941      | 21196.13    | 0.0027 | P    | 1.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.395     | 1085718.38  | 0.1378 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 123.434    | 2749403.43  | 0.3443 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 248.531    | 5686878.77  | 0.6931 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 500.482    | 11793788.90 | 1.3956 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.352   | 23211137.79 | 2.7894 | A    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 44241.14    | 0.0059 | P    | 0.5 |

$$y = 0.0028 * x + 1.0238E-004$$

$$R = 1.0000$$

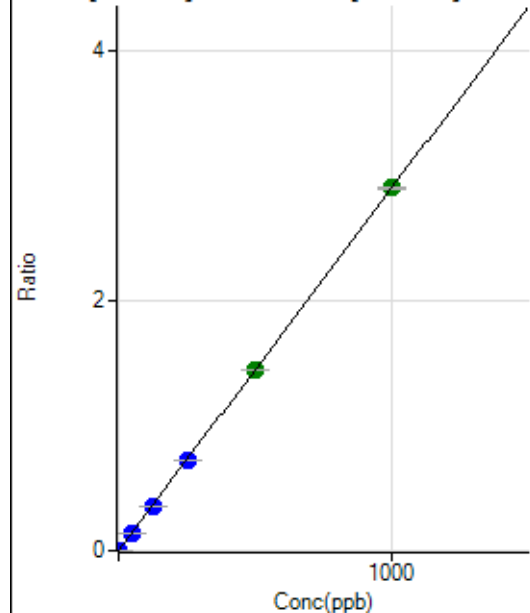
$$DL = 0.007602$$

$$BEC = 0.03672$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00       | 0.0000 | P    | 33.2 |
| 2 | <input type="checkbox"/> | 0.100    | 0.080      | 1886.35     | 0.0002 | P    | 5.5  |
| 3 | <input type="checkbox"/> | 1.000    | 0.893      | 20105.30    | 0.0026 | P    | 0.2  |
| 4 | <input type="checkbox"/> | 50.000   | 47.297     | 1078218.58  | 0.1369 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 121.112    | 2799013.43  | 0.3505 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 250.772    | 5954775.83  | 0.7257 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 498.083    | 12181159.39 | 1.4414 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.387   | 24113896.37 | 2.8979 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 5556.98     | 0.0007 | P    | 1.7  |

$$y = 0.0029 * x + 3.1828E-006$$

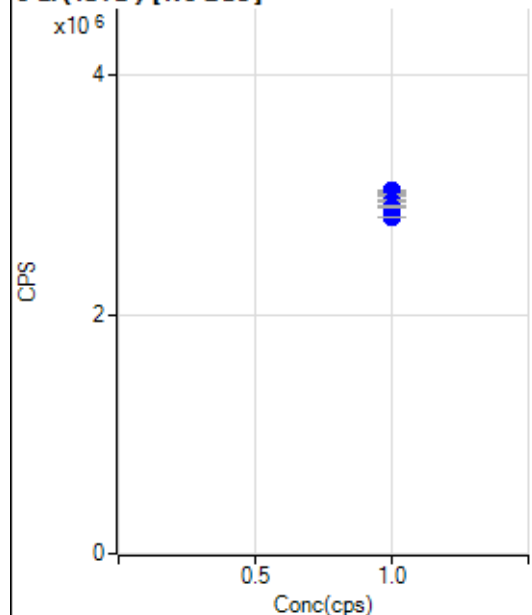
$$R = 1.0000$$

$$DL = 0.001097$$

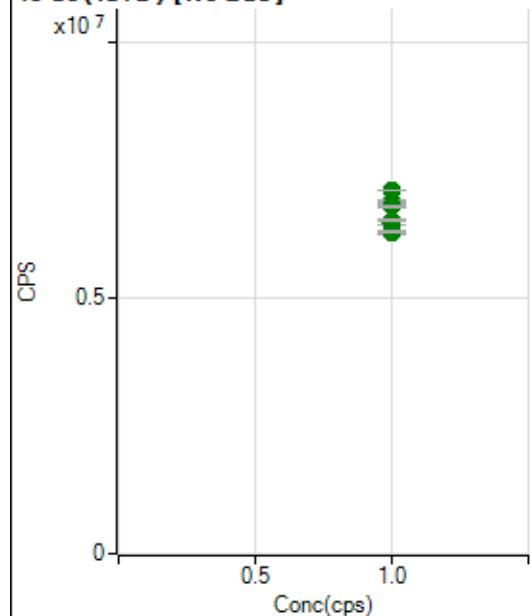
$$BEC = 0.0011$$

Weight: &lt;None&gt;

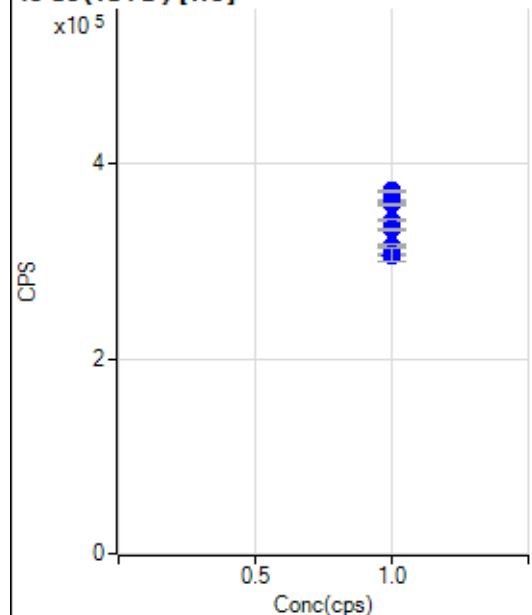
Min Conc: 0

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

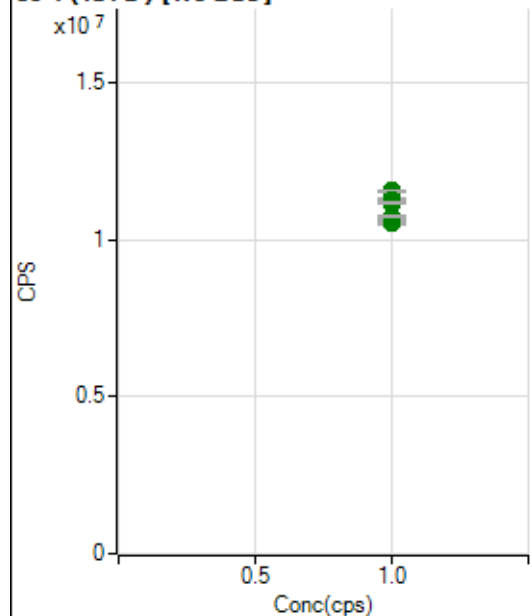
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3005081.90 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3025014.36 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2951641.03 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3004239.99 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3036510.72 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3008556.31 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2953180.58 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2899086.38 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2815237.32 |       | P        | 0.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6896837.83 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7100744.43 |       | A        | 0.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6886023.42 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6893764.30 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6807928.80 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6482476.45 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6282499.49 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6307511.29 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6516952.06 |       | A        | 0.6 |

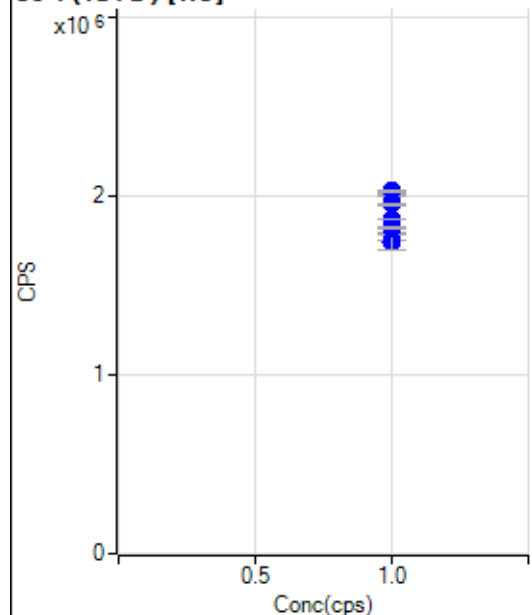
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 371948.81 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 372300.75 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 362092.05 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 358575.87 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 342244.45 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 316612.11 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 307125.44 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 306521.75 |       | P        | 4.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 332565.60 |       | P        | 0.8 |

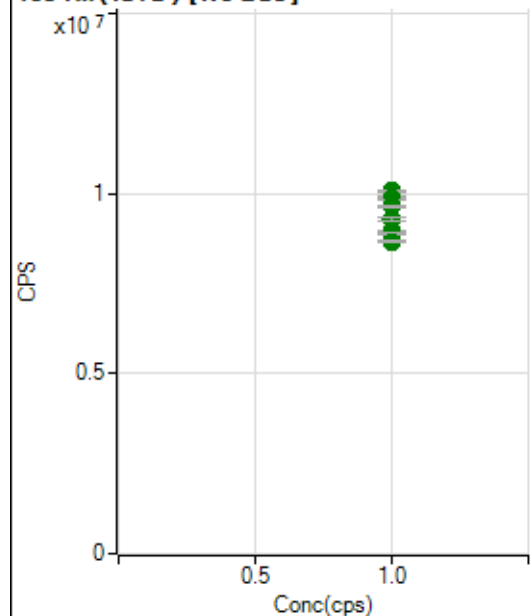
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11136617.06 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11546879.27 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11267737.19 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11238560.94 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11153631.78 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10721315.67 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10501525.54 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10571162.07 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10717717.06 |       | A        | 0.5 |

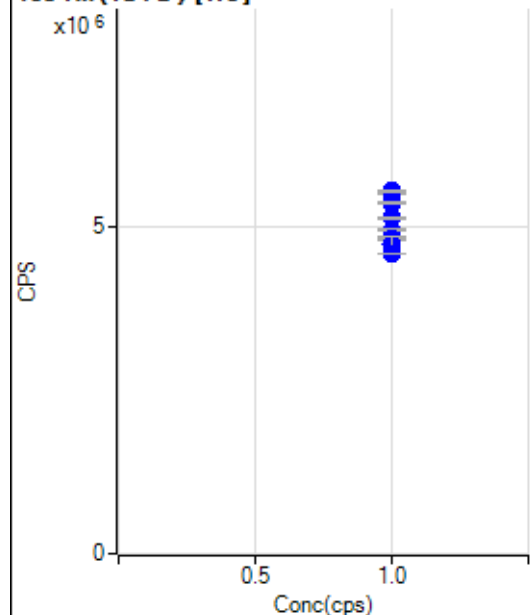


**89 Y (ISTD) [He]**

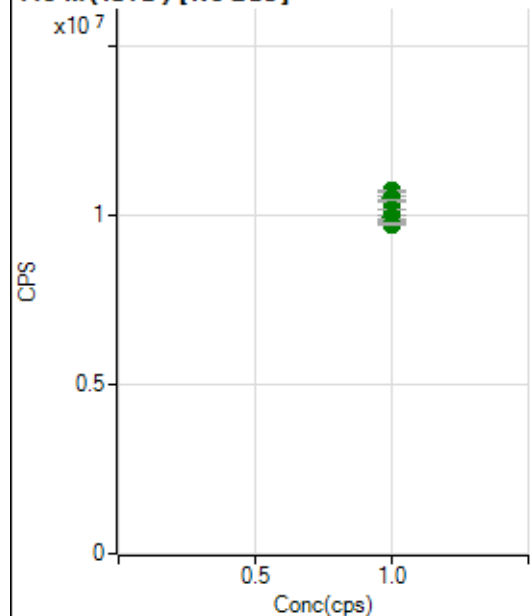
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2000939.41 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2026274.67 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1956006.88 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1949562.47 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1868079.59 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1787228.86 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1752059.85 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1745209.40 |       | P        | 5.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1819072.44 |       | P        | 0.4 |

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

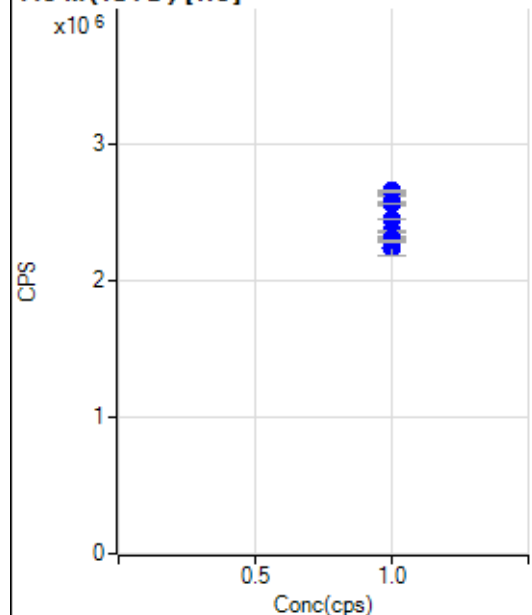
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9870660.64  |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10064010.47 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 9852640.32  |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9815666.54  |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9637333.46  |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9290261.23  |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8947221.03  |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8899474.07  |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8666734.83  |       | A        | 0.7 |

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

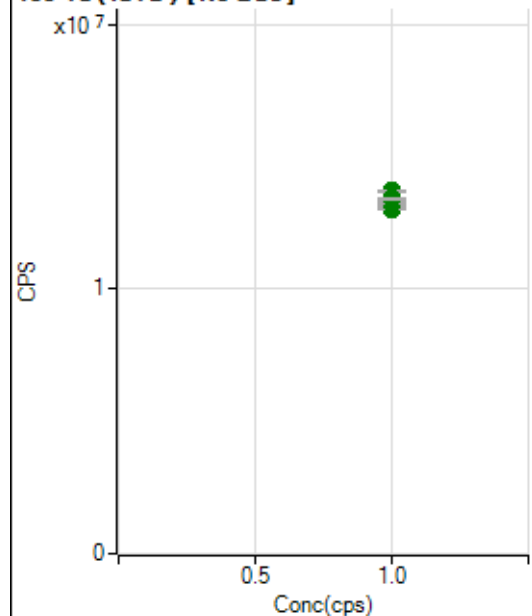
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5500709.78 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5538852.07 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5360302.07 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5355509.16 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5128790.90 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4942633.29 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4803004.13 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4712557.81 |       | P        | 5.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4584374.93 |       | P        | 0.3 |

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

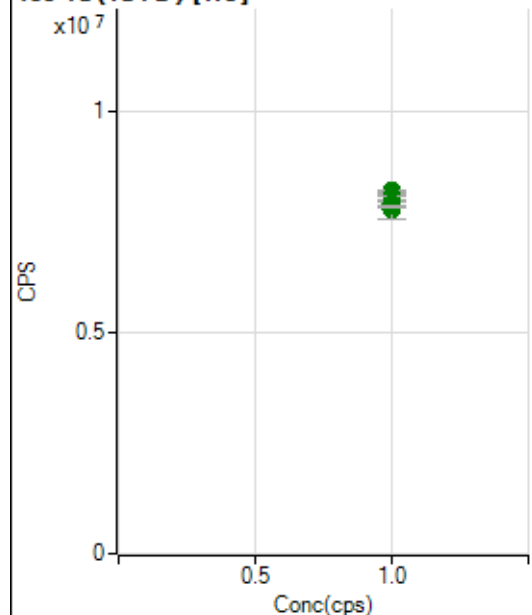
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10433234.41 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10701653.73 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10437531.99 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10493408.56 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10419432.39 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10151637.55 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9946470.58  |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9864826.13  |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9720352.08  |       | A        | 0.5 |

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

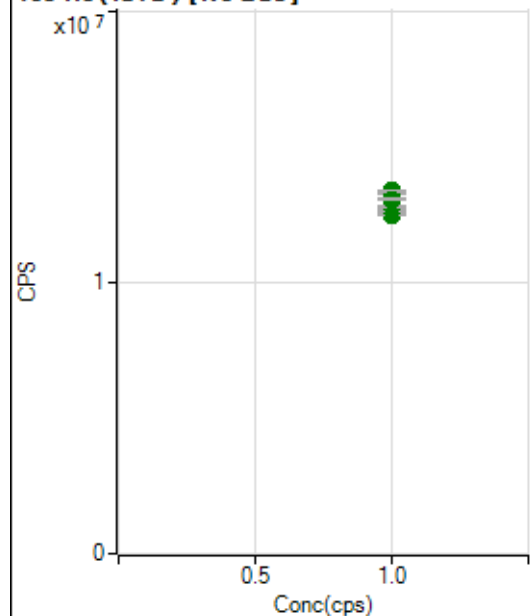
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2624588.95 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2654950.33 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2560937.67 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2560699.68 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2448035.21 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2359076.85 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2304877.19 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2242704.95 |       | P        | 5.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2291175.78 |       | P        | 0.7 |

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

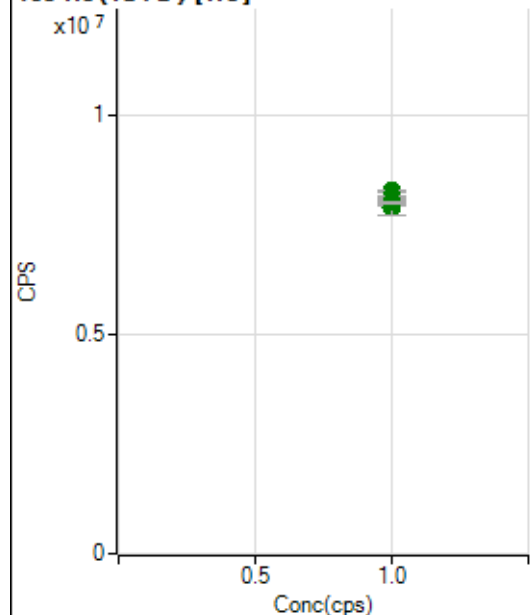
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13094251.89 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 13320798.41 |       | A        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 13010368.83 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13215791.61 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13409298.69 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13436350.91 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 13664449.52 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 13708053.82 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 13425140.77 |       | A        | 0.4 |

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

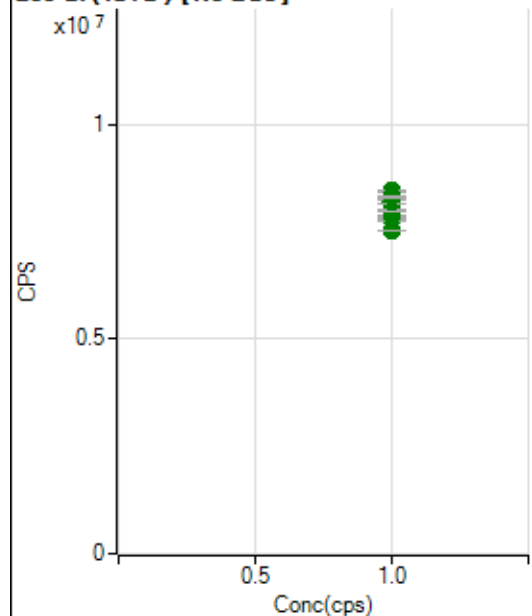
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8103229.05 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8190991.62 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7990936.76 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8064644.88 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7898487.59 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7833216.06 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7825727.59 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7759299.33 |       | A        | 4.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7840144.05 |       | A        | 0.4 |

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

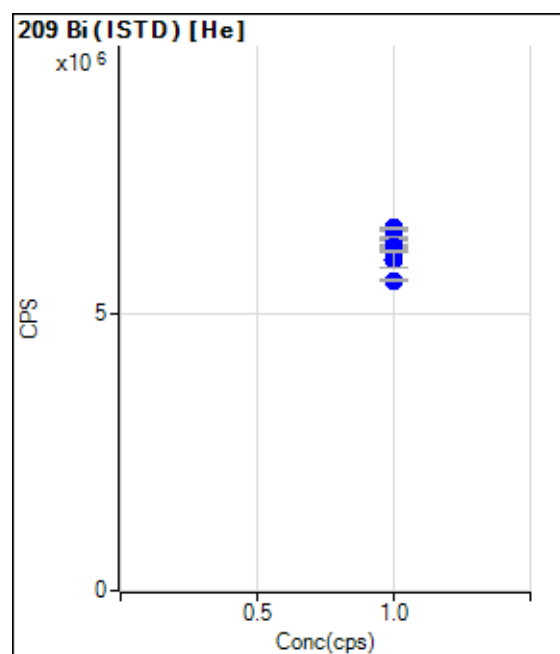
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12527334.74 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 12829836.31 |       | A        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 12503484.74 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12659877.28 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12819196.12 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13073434.32 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 13259673.04 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 13369978.25 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 13065480.67 |       | A        | 0.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8233947.38 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8265408.28 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8078455.85 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8130957.17 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7998891.82 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7952258.98 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7977286.75 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7888069.95 |       | A        | 4.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8006407.10 |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7851790.72 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8007191.89 |       | A        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7773232.11 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7877291.41 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7986117.94 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8205283.70 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8450980.98 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8321326.82 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7536784.06 |       | A        | 0.2 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6521021.08 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6559523.23 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6343962.06 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6375204.00 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6236459.21 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6191062.75 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6153548.73 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5975928.38 |       | P        | 5.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5604103.53 |       | P        | 0.7 |

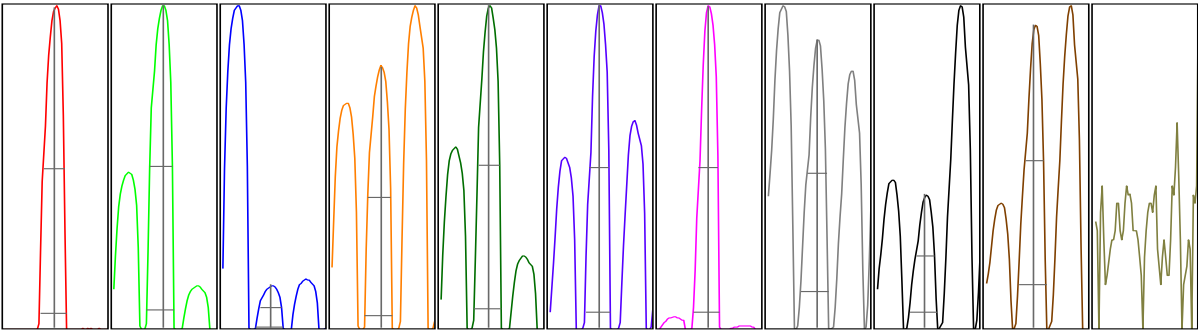
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7051618-MS.b  
Report Comment  
Instrument Name G8403A JP14410463

| [No Gas] |        |          |            |        |
|----------|--------|----------|------------|--------|
| Mass     | Count  | RSD%     | RSD%       | RSD%   |
|          | (Mean) | (Actual) | (Required) | (Flag) |
| 9        | 8262   | 1.12     | 5.00       |        |
| 24       | 101050 | 0.74     | 5.00       |        |
| 25       | 13484  | 0.79     | 5.00       |        |
| 26       | 15862  | 0.66     | 5.00       |        |
| 59       | 67510  | 0.45     | 5.00       |        |
| 113      | 10441  | 0.38     | 5.00       |        |
| 115      | 174040 | 0.65     | 5.00       |        |
| 206      | 22900  | 0.85     | 5.00       |        |
| 207      | 21614  | 0.89     | 5.00       |        |
| 208      | 49911  | 1.14     | 5.00       |        |
| 220      | 1      | 12.07    |            |        |

| Mass | Replicate 1 | Replicate 2 | Replicate 3 | Replicate 4 | Replicate 5 |
|------|-------------|-------------|-------------|-------------|-------------|
|      | Count       | Count       | Count       | Count       | Count       |
| 9    | 8120        | 8218        | 8340        | 8304        | 8327        |
| 24   | 100040      | 100591      | 101786      | 101121      | 101711      |
| 25   | 13357       | 13404       | 13485       | 13558       | 13618       |
| 26   | 15723       | 15812       | 15897       | 15872       | 16006       |
| 59   | 67129       | 67461       | 67900       | 67351       | 67708       |
| 113  | 10463       | 10419       | 10501       | 10412       | 10409       |
| 115  | 175065      | 174103      | 175157      | 172526      | 173351      |
| 206  | 22667       | 22902       | 22935       | 22800       | 23194       |
| 207  | 21306       | 21576       | 21714       | 21807       | 21667       |
| 208  | 49239       | 49470       | 50042       | 50134       | 50667       |
| 220  | 1           | 1           | 1           | 0           | 1           |

Integration Time [sec] = 0.1



| Mass | Peak   | Axis     | Axis          | Axis   | Width-X% | Width-X%   | Width-    |
|------|--------|----------|---------------|--------|----------|------------|-----------|
|      | Height | (Actual) | (Required)    | (Flag) | (Actual) | (Required) | X% (Flag) |
| 9    | 14025  | 9.00     | 8.9 - 9.1     |        | 0.785    | 0.900      |           |
| 24   | 164726 | 24.00    | 23.9 - 24.1   |        | 0.785    | 0.900      |           |
| 25   | 21927  | 24.95    | 24.9 - 25.1   |        | 0.787    | 0.900      |           |
| 26   | 25427  | 26.00    | 25.9 - 26.1   |        | 0.788    | 0.900      |           |
| 59   | 112463 | 58.95    | 58.9 - 59.1   |        | 0.785    | 0.900      |           |
| 113  | 18934  | 113.00   | 112.9 - 113.1 |        | 0.738    | 0.900      |           |
| 115  | 321147 | 115.00   | 114.9 - 115.1 |        | 0.758    | 0.900      |           |
| 206  | 40861  | 206.00   | 205.9 - 206.1 |        | 0.799    | 0.900      |           |
| 207  | 36539  | 206.95   | 206.9 - 207.1 |        | 0.801    | 0.900      |           |
| 208  | 88354  | 207.95   | 207.9 - 208.1 |        | 0.802    | 0.900      |           |
| 220  |        |          | -             |        |          |            |           |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 8.1   | V    | Deflect       | 15.4  | V    |
| Extract 2     | -160.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -95    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

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

[He]

| Mass | Count  | RSD%     | RSD%       |
|------|--------|----------|------------|
|      | (Mean) | (Actual) | (Required) |
| 59   | 19324  | 0.29     |            |
| 89   | 53830  | 0.47     |            |
| 205  | 20512  | 0.37     |            |

| Mass | Replicate 1 | Replicate 2 | Replicate 3 | Replicate 4 | Replicate 5 |
|------|-------------|-------------|-------------|-------------|-------------|
|      | Count       | Count       | Count       | Count       | Count       |
| 59   | 19338       | 19298       | 19240       | 19371       | 19372       |
| 89   | 53772       | 53896       | 53497       | 54192       | 53793       |
| 205  | 20561       | 20404       | 20521       | 20477       | 20598       |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.1  | V    | Deflect       | 3.0   | V    |
| Extract 2     | -170.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -85    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 11:57:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.03    | -0.06   | 0.03    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.07    | 0.15    | -0.22   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.07    | -0.08   | 0.01    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.20   | 0.58    | -0.38   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.02    | -0.05   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 2.78    | -1.78   | -1.00   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.34    | 0.71    | -1.05   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | 0.03    | -0.03   | 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  | 0.03    | 0.05    | -0.08   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 1.36    | -0.68   | -0.68   | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 0.10    | 0.04    | -0.14   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 11:57:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -10.81  | -10.53  | -22.74  | -14.69     |         | ppb   |
| Potassium  | 39-2  | -0.06   | -0.80   | 0.86    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -0.18   | 0.35    | -0.18   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.38    | -0.93   | 0.55    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.11   | -0.34   | 0.45    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 1.22    | -0.98   | -0.24   | 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  | -1.17   | 1.00    | 0.18    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.02    | -0.01   | -0.02   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -123.40 | -441.14 | -133.66 | -232.73    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.04    | 0.00    | -0.04   | 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   | 0.11    | -0.02   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 11:57:40 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:01:13 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.81    | 1.46    | 1.58    | 1.95       | 38.43   | ppb   |
| Antimony   | 121-1 | 0.19    | 0.19    | 0.19    | 0.19       | 2.30    | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.14    | 0.16    | 0.12       | 34.90   | ppb   |
| Barium     | 135-1 | 1.01    | 0.90    | 0.96    | 0.96       | 5.94    | ppb   |
| Barium     | 137-1 | 0.98    | 0.99    | 0.87    | 0.94       | 6.99    | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.10    | 0.08    | 0.10       | 17.22   | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 2.11    | 2.72    | 2.04    | 2.29       | 16.29   | ppb   |
| Boron      | 11-1  | 2.60    | 2.40    | 2.57    | 2.52       | 4.24    | ppb   |
| Cadmium    | 111-1 | 0.14    | 0.07    | 0.11    | 0.11       | 34.12   | ppb   |
| Cadmium    | 106-1 | 1.21    | -0.49   | 0.27    | 0.33       | 256.76  | ppb   |
| Cadmium    | 108-1 | 0.19    | 0.19    | 0.02    | 0.13       | 73.00   | ppb   |
| Calcium    | 43-1  | 45.73   | 44.72   | 39.44   | 43.30      | 7.80    | ppb   |
| Calcium    | 44-1  | 43.92   | 43.67   | 43.17   | 43.59      | 0.88    | ppb   |
| Chromium   | 52-2  | 0.19    | 0.17    | 0.19    | 0.18       | 4.65    | ppb   |
| Cobalt     | 59-2  | 0.10    | 0.08    | 0.10    | 0.09       | 10.95   | ppb   |
| Copper     | 63-2  | 0.19    | 0.23    | 0.21    | 0.21       | 8.69    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 4.45    | 4.22    | 4.09    | 4.25       | 4.25    | ppb   |
| Iron       | 57-2  | 4.41    | 4.54    | 3.12    | 4.02       | 19.52   | ppb   |
| Lead       | 206-1 | 0.10    | 0.08    | 0.08    | 0.09       | 13.38   | ppb   |
| Lead       | 207-1 | 0.09    | 0.08    | 0.10    | 0.09       | 12.33   | ppb   |
| Lead       | 208-1 | 0.10    | 0.08    | 0.09    | 0.09       | 7.53    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 46.78   | 46.09   | 47.81   | 46.90      | 1.84    | ppb   |
| Manganese  | 55-2  | 0.07    | 0.08    | 0.06    | 0.07       | 11.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:01:13 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.48    | 0.45    | 0.45    | 0.46       | 3.74    | ppb   |
| Molybdenum | 95-1  | 0.47    | 0.41    | 0.50    | 0.46       | 9.52    | ppb   |
| Molybdenum | 96-1  | 0.45    | 0.38    | 0.43    | 0.42       | 9.02    | ppb   |
| Molybdenum | 97-1  | 0.45    | 0.41    | 0.46    | 0.44       | 5.27    | ppb   |
| Molybdenum | 98-1  | 0.42    | 0.41    | 0.41    | 0.42       | 1.50    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.12    | 0.11    | 0.11    | 0.11       | 7.13    | ppb   |
| Phosphorus | 31-2  | 3.19    | 2.88    | 0.05    | 2.04       | 84.96   | ppb   |
| Potassium  | 39-2  | 53.87   | 52.02   | 54.13   | 53.34      | 2.15    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -0.70   | 0.33    | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 1.02    | 0.31    | 0.77    | 0.70       | 51.78   | ppb   |
| Selenium   | 82-1  | 0.65    | 1.47    | 0.88    | 1.00       | 42.34   | ppb   |
| Silicon    | 28-1  | 0.12    | -1.59   | -1.26   | -0.91      |         | ppb   |
| Silver     | 109-1 | 0.12    | 0.12    | 0.10    | 0.11       | 8.32    | ppb   |
| Silver     | 107-1 | 0.12    | 0.09    | 0.09    | 0.10       | 17.54   | ppb   |
| Sodium     | 23-2  | 47.25   | 45.85   | 47.02   | 46.71      | 1.61    | ppb   |
| Strontium  | 86-1  | 0.07    | 0.07    | 0.02    | 0.05       | 59.97   | ppb   |
| Strontium  | 88-1  | 0.09    | 0.08    | 0.09    | 0.09       | 5.17    | ppb   |
| Sulfur     | 34-1  | -305.75 | -173.06 | -105.61 | -194.81    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.09    | 0.08    | 0.09       | 7.11    | ppb   |
| Thallium   | 205-1 | 0.09    | 0.09    | 0.08    | 0.09       | 7.96    | ppb   |
| Tin        | 118-1 | 0.50    | 0.48    | 0.46    | 0.48       | 4.44    | ppb   |
| Titanium   | 47-1  | 0.35    | 0.41    | 0.43    | 0.40       | 10.37   | ppb   |
| Uranium    | 238-1 | 0.08    | 0.08    | 0.08    | 0.08       | 5.60    | ppb   |
| Vanadium   | 51-2  | 0.46    | 0.39    | 0.38    | 0.41       | 10.34   | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.19    | 0.20    | 0.19    | 0.19       | 4.44    | ppb   |
| Zirconium  | 90-1  | 0.09    | 0.09    | 0.08    | 0.09       | 6.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:01:13 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.10    | 0.10    | 0.10       | 3.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:05:44 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.67   | 20.76   | 17.80   | 18.74      | 9.30    | ppb   |
| Antimony   | 121-1 | 1.96    | 2.05    | 2.01    | 2.01       | 2.26    | ppb   |
| Arsenic    | 75-2  | 1.08    | 0.97    | 0.98    | 1.01       | 5.90    | ppb   |
| Barium     | 135-1 | 9.77    | 9.55    | 9.61    | 9.64       | 1.15    | ppb   |
| Barium     | 137-1 | 9.79    | 9.72    | 9.81    | 9.77       | 0.51    | ppb   |
| Beryllium  | 9-1   | 1.06    | 1.09    | 1.09    | 1.08       | 1.68    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 26.15   | 25.07   | 24.41   | 25.21      | 3.50    | ppb   |
| Boron      | 11-1  | 23.48   | 23.66   | 24.58   | 23.90      | 2.47    | ppb   |
| Cadmium    | 111-1 | 1.09    | 1.08    | 1.13    | 1.10       | 2.62    | ppb   |
| Cadmium    | 106-1 | 2.76    | 1.97    | 4.39    | 3.04       | 40.63   | ppb   |
| Cadmium    | 108-1 | 1.02    | 1.19    | 0.94    | 1.05       | 12.07   | ppb   |
| Calcium    | 43-1  | 464.32  | 451.26  | 443.55  | 453.05     | 2.32    | ppb   |
| Calcium    | 44-1  | 445.92  | 456.66  | 453.47  | 452.02     | 1.22    | ppb   |
| Chromium   | 52-2  | 1.97    | 1.98    | 1.95    | 1.96       | 0.73    | ppb   |
| Cobalt     | 59-2  | 0.97    | 0.98    | 0.95    | 0.96       | 1.51    | ppb   |
| Copper     | 63-2  | 1.94    | 1.97    | 1.93    | 1.94       | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 48.69   | 48.81   | 48.98   | 48.83      | 0.29    | ppb   |
| Iron       | 57-2  | 48.60   | 52.94   | 51.48   | 51.01      | 4.33    | ppb   |
| Lead       | 206-1 | 0.90    | 1.01    | 0.95    | 0.96       | 5.82    | ppb   |
| Lead       | 207-1 | 0.91    | 0.96    | 0.93    | 0.93       | 2.34    | ppb   |
| Lead       | 208-1 | 0.92    | 0.96    | 0.94    | 0.94       | 1.84    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 486.56  | 489.30  | 486.08  | 487.31     | 0.36    | ppb   |
| Manganese  | 55-2  | 0.96    | 0.91    | 0.93    | 0.93       | 2.42    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:05:44 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.61    | 4.49    | 4.59    | 4.56       | 1.34    | ppb   |
| Molybdenum | 95-1  | 4.59    | 4.48    | 4.64    | 4.57       | 1.80    | ppb   |
| Molybdenum | 96-1  | 4.54    | 4.66    | 4.59    | 4.60       | 1.31    | ppb   |
| Molybdenum | 97-1  | 4.64    | 4.72    | 4.40    | 4.59       | 3.59    | ppb   |
| Molybdenum | 98-1  | 4.58    | 4.64    | 4.50    | 4.57       | 1.52    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.88    | 1.05    | 1.04    | 0.99       | 9.50    | ppb   |
| Phosphorus | 31-2  | 15.55   | 16.00   | 6.41    | 12.65      | 42.76   | ppb   |
| Potassium  | 39-2  | 509.78  | 507.86  | 515.14  | 510.93     | 0.74    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 4.63    | 5.19    | 6.78    | 5.53       | 20.16   | ppb   |
| Selenium   | 78-2  | 4.37    | 4.50    | 4.82    | 4.56       | 5.12    | ppb   |
| Selenium   | 82-1  | 5.78    | 5.14    | 5.38    | 5.43       | 5.94    | ppb   |
| Silicon    | 28-1  | 16.44   | 17.03   | 16.01   | 16.49      | 3.11    | ppb   |
| Silver     | 109-1 | 1.04    | 1.08    | 1.11    | 1.08       | 3.51    | ppb   |
| Silver     | 107-1 | 1.09    | 1.07    | 1.06    | 1.07       | 1.79    | ppb   |
| Sodium     | 23-2  | 495.39  | 492.83  | 491.89  | 493.37     | 0.37    | ppb   |
| Strontium  | 86-1  | 0.90    | 0.97    | 0.94    | 0.94       | 3.68    | ppb   |
| Strontium  | 88-1  | 0.97    | 0.96    | 0.96    | 0.96       | 0.91    | ppb   |
| Sulfur     | 34-1  | 380.92  | 428.24  | 473.46  | 427.54     | 10.82   | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.87    | 0.94    | 0.96    | 0.92       | 5.09    | ppb   |
| Thallium   | 205-1 | 0.92    | 0.95    | 0.92    | 0.93       | 1.46    | ppb   |
| Tin        | 118-1 | 5.03    | 5.04    | 5.17    | 5.08       | 1.48    | ppb   |
| Titanium   | 47-1  | 5.13    | 4.80    | 4.70    | 4.88       | 4.55    | ppb   |
| Uranium    | 238-1 | 0.89    | 0.89    | 0.89    | 0.89       | 0.22    | ppb   |
| Vanadium   | 51-2  | 4.57    | 4.59    | 4.45    | 4.54       | 1.63    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 2.21    | 1.85    | 2.03    | 2.03       | 8.87    | ppb   |
| Zirconium  | 90-1  | 0.96    | 0.94    | 0.98    | 0.96       | 2.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:05:44 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.08    | 0.88    | 0.94    | 0.97       | 10.41   | ppb   |



LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P7  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 12:09:37 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1018.30 | 1040.99 | 1040.12 | 1033.14    | 1.24    | ppb   |
| Antimony   | 121-1 | 54.08   | 53.05   | 52.73   | 53.29      | 1.32    | ppb   |
| Arsenic    | 75-2  | 51.31   | 52.10   | 51.59   | 51.66      | 0.78    | ppb   |
| Barium     | 135-1 | 262.50  | 262.22  | 261.22  | 261.98     | 0.26    | ppb   |
| Barium     | 137-1 | 266.19  | 263.38  | 263.48  | 264.35     | 0.60    | ppb   |
| Beryllium  | 9-1   | 53.74   | 53.82   | 53.82   | 53.80      | 0.08    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 53.66   | 52.12   | 51.54   | 52.44      | 2.09    | ppb   |
| Boron      | 11-1  | 52.28   | 52.11   | 53.45   | 52.61      | 1.39    | ppb   |
| Cadmium    | 111-1 | 56.71   | 56.52   | 55.67   | 56.30      | 0.98    | ppb   |
| Cadmium    | 106-1 | 56.31   | 59.17   | 56.49   | 57.32      | 2.79    | ppb   |
| Cadmium    | 108-1 | 57.32   | 54.81   | 54.90   | 55.68      | 2.56    | ppb   |
| Calcium    | 43-1  | 5080.38 | 5093.33 | 4937.99 | 5037.23    | 1.71    | ppb   |
| Calcium    | 44-1  | 5041.72 | 5054.03 | 5041.55 | 5045.76    | 0.14    | ppb   |
| Chromium   | 52-2  | 49.89   | 51.16   | 50.43   | 50.49      | 1.26    | ppb   |
| Cobalt     | 59-2  | 49.73   | 51.01   | 50.87   | 50.54      | 1.39    | ppb   |
| Copper     | 63-2  | 100.72  | 102.13  | 103.39  | 102.08     | 1.31    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 2655.76 | 2674.68 | 2678.02 | 2669.49    | 0.45    | ppb   |
| Iron       | 57-2  | 2644.54 | 2671.63 | 2671.95 | 2662.71    | 0.59    | ppb   |
| Lead       | 206-1 | 49.88   | 49.87   | 49.41   | 49.72      | 0.54    | ppb   |
| Lead       | 207-1 | 49.60   | 49.42   | 49.43   | 49.48      | 0.20    | ppb   |
| Lead       | 208-1 | 49.61   | 49.49   | 49.09   | 49.39      | 0.56    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 5189.90 | 5289.45 | 5270.85 | 5250.07    | 1.01    | ppb   |
| Manganese  | 55-2  | 98.75   | 100.67  | 99.57   | 99.66      | 0.96    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:09:37 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 249.55  | 251.15  | 250.22  | 250.31     | 0.32    | ppb   |
| Molybdenum | 95-1  | 249.40  | 250.97  | 249.70  | 250.03     | 0.33    | ppb   |
| Molybdenum | 96-1  | 251.58  | 249.97  | 249.15  | 250.24     | 0.49    | ppb   |
| Molybdenum | 97-1  | 248.16  | 250.29  | 248.21  | 248.89     | 0.49    | ppb   |
| Molybdenum | 98-1  | 248.11  | 250.63  | 249.69  | 249.48     | 0.51    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 50.51   | 52.13   | 51.47   | 51.37      | 1.58    | ppb   |
| Phosphorus | 31-2  | 1042.43 | 1048.11 | 1075.06 | 1055.20    | 1.65    | ppb   |
| Potassium  | 39-2  | 2612.66 | 2653.99 | 2664.02 | 2643.55    | 1.03    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 42.66   | 48.67   | 52.77   | 48.03      | 10.59   | ppb   |
| Selenium   | 78-2  | 54.28   | 55.56   | 53.36   | 54.40      | 2.03    | ppb   |
| Selenium   | 82-1  | 54.05   | 52.08   | 51.96   | 52.70      | 2.22    | ppb   |
| Silicon    | 28-1  | 62.85   | 63.63   | 64.37   | 63.61      | 1.19    | ppb   |
| Silver     | 109-1 | 56.97   | 56.87   | 56.59   | 56.81      | 0.35    | ppb   |
| Silver     | 107-1 | 56.27   | 56.18   | 55.63   | 56.03      | 0.63    | ppb   |
| Sodium     | 23-2  | 5221.47 | 5320.82 | 5290.57 | 5277.62    | 0.96    | ppb   |
| Strontium  | 86-1  | 50.52   | 49.83   | 50.81   | 50.39      | 1.00    | ppb   |
| Strontium  | 88-1  | 50.60   | 50.84   | 50.55   | 50.66      | 0.31    | ppb   |
| Sulfur     | 34-1  | 1917.91 | 1924.62 | 1872.26 | 1904.93    | 1.50    | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 50.02   | 49.61   | 49.48   | 49.70      | 0.56    | ppb   |
| Thallium   | 205-1 | 49.79   | 49.52   | 49.38   | 49.56      | 0.41    | ppb   |
| Tin        | 118-1 | 54.66   | 52.86   | 52.70   | 53.40      | 2.04    | ppb   |
| Titanium   | 47-1  | 249.58  | 256.85  | 250.86  | 252.43     | 1.54    | ppb   |
| Uranium    | 238-1 | 47.27   | 47.11   | 47.51   | 47.30      | 0.42    | ppb   |
| Vanadium   | 51-2  | 49.45   | 49.84   | 50.21   | 49.83      | 0.77    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 100.07  | 99.94   | 101.11  | 100.37     | 0.64    | ppb   |
| Zirconium  | 90-1  | 49.86   | 50.15   | 50.18   | 50.06      | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:09:37 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 49.79   | 50.87   | 49.47   | 50.04      | 1.47    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:13:29 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2539.85  | 2541.16  | 2566.84  | 2549.28    | 0.60    | ppb   |
| Antimony   | 121-1 | 131.04   | 129.68   | 129.71   | 130.14     | 0.60    | ppb   |
| Arsenic    | 75-2  | 127.61   | 125.65   | 126.79   | 126.68     | 0.78    | ppb   |
| Barium     | 135-1 | 643.01   | 642.08   | 635.58   | 640.22     | 0.63    | ppb   |
| Barium     | 137-1 | 650.51   | 651.36   | 641.44   | 647.77     | 0.85    | ppb   |
| Beryllium  | 9-1   | 131.24   | 131.92   | 133.02   | 132.06     | 0.68    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 126.03   | 128.90   | 130.50   | 128.48     | 1.76    | ppb   |
| Boron      | 11-1  | 127.63   | 127.55   | 129.49   | 128.22     | 0.86    | ppb   |
| Cadmium    | 111-1 | 137.41   | 136.38   | 135.42   | 136.40     | 0.73    | ppb   |
| Cadmium    | 106-1 | 137.63   | 139.89   | 137.27   | 138.26     | 1.02    | ppb   |
| Cadmium    | 108-1 | 137.58   | 136.84   | 137.71   | 137.38     | 0.34    | ppb   |
| Calcium    | 43-1  | 12442.08 | 12680.84 | 12509.53 | 12544.15   | 0.98    | ppb   |
| Calcium    | 44-1  | 12676.90 | 12625.51 | 12684.79 | 12662.40   | 0.25    | ppb   |
| Chromium   | 52-2  | 123.72   | 124.81   | 124.27   | 124.26     | 0.44    | ppb   |
| Cobalt     | 59-2  | 123.57   | 124.21   | 124.61   | 124.13     | 0.42    | ppb   |
| Copper     | 63-2  | 249.75   | 252.37   | 249.86   | 250.66     | 0.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 6617.30  | 6607.51  | 6627.55  | 6617.45    | 0.15    | ppb   |
| Iron       | 57-2  | 6534.52  | 6593.53  | 6626.36  | 6584.80    | 0.71    | ppb   |
| Lead       | 206-1 | 123.29   | 123.02   | 123.55   | 123.29     | 0.22    | ppb   |
| Lead       | 207-1 | 123.71   | 123.36   | 123.64   | 123.57     | 0.15    | ppb   |
| Lead       | 208-1 | 123.64   | 123.12   | 123.54   | 123.43     | 0.22    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 12978.09 | 12960.81 | 13016.40 | 12985.10   | 0.22    | ppb   |
| Manganese  | 55-2  | 247.44   | 249.91   | 248.48   | 248.61     | 0.50    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:13:29 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 620.34   | 619.61   | 628.77   | 622.91     | 0.82    | ppb   |
| Molybdenum | 95-1  | 618.02   | 624.77   | 626.24   | 623.01     | 0.70    | ppb   |
| Molybdenum | 96-1  | 619.96   | 624.72   | 628.43   | 624.37     | 0.68    | ppb   |
| Molybdenum | 97-1  | 617.81   | 621.92   | 620.77   | 620.17     | 0.34    | ppb   |
| Molybdenum | 98-1  | 617.13   | 623.72   | 624.52   | 621.79     | 0.65    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 124.42   | 126.39   | 126.57   | 125.79     | 0.95    | ppb   |
| Phosphorus | 31-2  | 2565.05  | 2483.25  | 2575.33  | 2541.21    | 1.99    | ppb   |
| Potassium  | 39-2  | 6488.28  | 6514.85  | 6486.23  | 6496.45    | 0.25    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 137.58   | 127.46   | 122.38   | 129.14     | 5.99    | ppb   |
| Selenium   | 78-2  | 128.98   | 120.78   | 133.68   | 127.81     | 5.11    | ppb   |
| Selenium   | 82-1  | 131.72   | 128.67   | 131.86   | 130.75     | 1.38    | ppb   |
| Silicon    | 28-1  | 157.86   | 160.18   | 160.27   | 159.44     | 0.86    | ppb   |
| Silver     | 109-1 | 137.08   | 136.98   | 137.46   | 137.17     | 0.18    | ppb   |
| Silver     | 107-1 | 135.89   | 135.97   | 135.02   | 135.63     | 0.39    | ppb   |
| Sodium     | 23-2  | 12992.56 | 13024.97 | 12961.81 | 12993.11   | 0.24    | ppb   |
| Strontium  | 86-1  | 124.41   | 126.09   | 125.00   | 125.16     | 0.68    | ppb   |
| Strontium  | 88-1  | 125.26   | 125.80   | 126.82   | 125.96     | 0.63    | ppb   |
| Sulfur     | 34-1  | 3280.88  | 3388.20  | 3283.63  | 3317.57    | 1.84    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 124.57   | 123.14   | 124.31   | 124.01     | 0.62    | ppb   |
| Thallium   | 205-1 | 124.21   | 124.51   | 124.02   | 124.25     | 0.20    | ppb   |
| Tin        | 118-1 | 130.83   | 130.80   | 130.37   | 130.67     | 0.20    | ppb   |
| Titanium   | 47-1  | 629.43   | 624.37   | 625.45   | 626.42     | 0.43    | ppb   |
| Uranium    | 238-1 | 121.73   | 121.12   | 120.48   | 121.11     | 0.52    | ppb   |
| Vanadium   | 51-2  | 122.37   | 123.75   | 122.76   | 122.96     | 0.58    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 246.41   | 249.14   | 247.69   | 247.75     | 0.55    | ppb   |
| Zirconium  | 90-1  | 123.85   | 124.06   | 125.50   | 124.47     | 0.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:13:29 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 124.47  | 123.92  | 125.05  | 124.48     | 0.46    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:17:17 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5110.02  | 5053.39  | 5042.93  | 5068.78    | 0.71    | ppb   |
| Antimony   | 121-1 | 258.33   | 256.96   | 254.87   | 256.72     | 0.68    | ppb   |
| Arsenic    | 75-2  | 249.20   | 251.20   | 248.52   | 249.64     | 0.56    | ppb   |
| Barium     | 135-1 | 1274.34  | 1271.57  | 1261.41  | 1269.11    | 0.54    | ppb   |
| Barium     | 137-1 | 1296.47  | 1294.22  | 1289.24  | 1293.31    | 0.29    | ppb   |
| Beryllium  | 9-1   | 256.49   | 256.77   | 258.82   | 257.36     | 0.49    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 251.12   | 243.18   | 256.16   | 250.15     | 2.62    | ppb   |
| Boron      | 11-1  | 251.42   | 252.66   | 253.19   | 252.42     | 0.36    | ppb   |
| Cadmium    | 111-1 | 264.91   | 264.00   | 261.53   | 263.48     | 0.66    | ppb   |
| Cadmium    | 106-1 | 270.93   | 272.14   | 270.60   | 271.22     | 0.30    | ppb   |
| Cadmium    | 108-1 | 268.65   | 267.50   | 262.39   | 266.18     | 1.25    | ppb   |
| Calcium    | 43-1  | 25063.68 | 25240.98 | 25242.03 | 25182.23   | 0.41    | ppb   |
| Calcium    | 44-1  | 25031.94 | 25019.91 | 25107.49 | 25053.11   | 0.19    | ppb   |
| Chromium   | 52-2  | 252.74   | 249.89   | 249.57   | 250.73     | 0.70    | ppb   |
| Cobalt     | 59-2  | 251.47   | 250.87   | 250.92   | 251.09     | 0.13    | ppb   |
| Copper     | 63-2  | 511.90   | 505.05   | 505.90   | 507.62     | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 13494.00 | 13249.58 | 13352.70 | 13365.43   | 0.92    | ppb   |
| Iron       | 57-2  | 13424.62 | 13293.94 | 13356.67 | 13358.41   | 0.49    | ppb   |
| Lead       | 206-1 | 248.78   | 251.34   | 249.13   | 249.75     | 0.56    | ppb   |
| Lead       | 207-1 | 249.37   | 248.75   | 245.83   | 247.98     | 0.76    | ppb   |
| Lead       | 208-1 | 248.55   | 249.10   | 247.94   | 248.53     | 0.23    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 26510.18 | 26236.60 | 26237.83 | 26328.20   | 0.60    | ppb   |
| Manganese  | 55-2  | 500.74   | 495.61   | 498.88   | 498.41     | 0.52    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:17:17 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1258.29  | 1254.92  | 1264.30  | 1259.17    | 0.38    | ppb   |
| Molybdenum | 95-1  | 1265.63  | 1255.92  | 1271.63  | 1264.39    | 0.63    | ppb   |
| Molybdenum | 96-1  | 1263.09  | 1268.98  | 1273.90  | 1268.66    | 0.43    | ppb   |
| Molybdenum | 97-1  | 1250.82  | 1250.58  | 1246.70  | 1249.37    | 0.18    | ppb   |
| Molybdenum | 98-1  | 1246.32  | 1252.70  | 1253.54  | 1250.86    | 0.32    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 254.85   | 252.92   | 253.59   | 253.79     | 0.39    | ppb   |
| Phosphorus | 31-2  | 5056.17  | 4866.30  | 5047.13  | 4989.87    | 2.15    | ppb   |
| Potassium  | 39-2  | 12960.52 | 12805.49 | 12824.25 | 12863.42   | 0.66    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 277.69   | 258.18   | 272.30   | 269.39     | 3.74    | ppb   |
| Selenium   | 78-2  | 251.77   | 249.11   | 250.26   | 250.38     | 0.53    | ppb   |
| Selenium   | 82-1  | 257.94   | 257.33   | 261.13   | 258.80     | 0.79    | ppb   |
| Silicon    | 28-1  | 321.06   | 324.95   | 324.81   | 323.60     | 0.68    | ppb   |
| Silver     | 109-1 | 268.12   | 266.68   | 260.41   | 265.07     | 1.55    | ppb   |
| Silver     | 107-1 | 264.77   | 261.83   | 259.76   | 262.12     | 0.96    | ppb   |
| Sodium     | 23-2  | 26332.75 | 25963.23 | 26049.45 | 26115.15   | 0.74    | ppb   |
| Strontium  | 86-1  | 249.91   | 252.20   | 251.79   | 251.30     | 0.49    | ppb   |
| Strontium  | 88-1  | 253.81   | 255.47   | 255.25   | 254.84     | 0.35    | ppb   |
| Sulfur     | 34-1  | 5324.49  | 5482.05  | 5088.61  | 5298.39    | 3.74    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 249.72   | 251.76   | 248.88   | 250.12     | 0.59    | ppb   |
| Thallium   | 205-1 | 253.88   | 255.33   | 253.63   | 254.28     | 0.36    | ppb   |
| Tin        | 118-1 | 257.44   | 257.49   | 255.10   | 256.68     | 0.53    | ppb   |
| Titanium   | 47-1  | 1248.54  | 1257.40  | 1251.50  | 1252.48    | 0.36    | ppb   |
| Uranium    | 238-1 | 248.68   | 253.58   | 250.05   | 250.77     | 1.01    | ppb   |
| Vanadium   | 51-2  | 249.55   | 247.34   | 247.59   | 248.16     | 0.49    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 89         |         | %     |
| Zinc       | 66-2  | 508.44   | 506.87   | 503.37   | 506.22     | 0.51    | ppb   |
| Zirconium  | 90-1  | 250.14   | 250.52   | 250.56   | 250.41     | 0.09    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:17:17 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 247.88  | 251.90  | 249.63  | 249.80     | 0.81    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:21:03 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10002.30 | 9954.96  | 10070.50 | 10009.26   | 0.58    | ppb   |
| Antimony   | 121-1 | 504.18   | 504.52   | 502.53   | 503.74     | 0.21    | ppb   |
| Arsenic    | 75-2  | 495.99   | 491.51   | 496.23   | 494.58     | 0.54    | ppb   |
| Barium     | 135-1 | 2497.38  | 2515.30  | 2491.37  | 2501.35    | 0.50    | ppb   |
| Barium     | 137-1 | 2499.98  | 2497.79  | 2483.92  | 2493.90    | 0.35    | ppb   |
| Beryllium  | 9-1   | 501.33   | 505.58   | 497.75   | 501.56     | 0.78    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 488.44   | 494.66   | 503.91   | 495.67     | 1.57    | ppb   |
| Boron      | 11-1  | 492.08   | 494.76   | 497.30   | 494.71     | 0.53    | ppb   |
| Cadmium    | 111-1 | 506.10   | 504.67   | 504.63   | 505.13     | 0.17    | ppb   |
| Cadmium    | 106-1 | 508.00   | 500.17   | 497.45   | 501.87     | 1.09    | ppb   |
| Cadmium    | 108-1 | 508.43   | 510.35   | 503.16   | 507.31     | 0.73    | ppb   |
| Calcium    | 43-1  | 49765.44 | 50943.56 | 50376.60 | 50361.86   | 1.17    | ppb   |
| Calcium    | 44-1  | 49620.99 | 50329.52 | 50146.71 | 50032.41   | 0.74    | ppb   |
| Chromium   | 52-2  | 491.20   | 498.75   | 499.95   | 496.63     | 0.96    | ppb   |
| Cobalt     | 59-2  | 494.41   | 497.70   | 499.02   | 497.05     | 0.48    | ppb   |
| Copper     | 63-2  | 993.18   | 1003.38  | 1005.93  | 1000.83    | 0.67    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 26457.05 | 26561.55 | 26775.57 | 26598.06   | 0.61    | ppb   |
| Iron       | 57-2  | 26255.35 | 26432.18 | 26780.48 | 26489.34   | 1.01    | ppb   |
| Lead       | 206-1 | 491.51   | 503.18   | 492.02   | 495.57     | 1.33    | ppb   |
| Lead       | 207-1 | 493.90   | 501.55   | 492.83   | 496.09     | 0.96    | ppb   |
| Lead       | 208-1 | 498.77   | 504.51   | 498.17   | 500.48     | 0.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 51226.74 | 51331.41 | 51821.00 | 51459.71   | 0.62    | ppb   |
| Manganese  | 55-2  | 988.60   | 988.79   | 1004.24  | 993.88     | 0.90    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:21:03 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2511.56  | 2500.95  | 2500.76  | 2504.42    | 0.25    | ppb   |
| Molybdenum | 95-1  | 2499.28  | 2513.40  | 2499.56  | 2504.08    | 0.32    | ppb   |
| Molybdenum | 96-1  | 2493.93  | 2503.84  | 2480.78  | 2492.85    | 0.46    | ppb   |
| Molybdenum | 97-1  | 2507.08  | 2521.68  | 2500.56  | 2509.78    | 0.43    | ppb   |
| Molybdenum | 98-1  | 2494.40  | 2505.84  | 2475.13  | 2491.79    | 0.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 498.44   | 497.82   | 503.55   | 499.94     | 0.63    | ppb   |
| Phosphorus | 31-2  | 9836.43  | 10059.91 | 10164.44 | 10020.26   | 1.67    | ppb   |
| Potassium  | 39-2  | 25381.66 | 25638.09 | 25696.12 | 25571.96   | 0.65    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 91         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 493.22   | 496.63   | 513.35   | 501.07     | 2.15    | ppb   |
| Selenium   | 78-2  | 505.81   | 494.76   | 510.54   | 503.70     | 1.61    | ppb   |
| Selenium   | 82-1  | 514.34   | 509.96   | 504.61   | 509.64     | 0.96    | ppb   |
| Silicon    | 28-1  | 635.77   | 640.08   | 642.60   | 639.48     | 0.54    | ppb   |
| Silver     | 109-1 | 507.74   | 504.49   | 505.12   | 505.78     | 0.34    | ppb   |
| Silver     | 107-1 | 505.97   | 501.22   | 497.16   | 501.45     | 0.88    | ppb   |
| Sodium     | 23-2  | 51559.79 | 51476.15 | 51577.23 | 51537.72   | 0.10    | ppb   |
| Strontium  | 86-1  | 501.52   | 500.33   | 497.52   | 499.79     | 0.41    | ppb   |
| Strontium  | 88-1  | 502.62   | 501.24   | 500.93   | 501.59     | 0.18    | ppb   |
| Sulfur     | 34-1  | 9494.88  | 9531.06  | 9454.22  | 9493.39    | 0.40    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 495.30   | 504.03   | 495.79   | 498.37     | 0.98    | ppb   |
| Thallium   | 205-1 | 493.61   | 504.92   | 493.86   | 497.46     | 1.30    | ppb   |
| Tin        | 118-1 | 496.46   | 497.71   | 499.08   | 497.75     | 0.26    | ppb   |
| Titanium   | 47-1  | 2491.98  | 2481.69  | 2514.96  | 2496.21    | 0.68    | ppb   |
| Uranium    | 238-1 | 498.88   | 498.84   | 496.53   | 498.08     | 0.27    | ppb   |
| Vanadium   | 51-2  | 489.40   | 493.80   | 496.21   | 493.14     | 0.70    | ppb   |
| Yttrium    | 89-1  |          |          |          | 94         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 994.36   | 999.98   | 1013.40  | 1002.58    | 0.98    | ppb   |
| Zirconium  | 90-1  | 499.63   | 497.87   | 499.83   | 499.11     | 0.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:21:03 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 496.89  | 495.39  | 495.59  | 495.96     | 0.16    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:24:48 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21207.84  | 19517.55  | 19578.93 | 20101.44   | 4.77    | ppb   |
| Antimony   | 121-1 | 998.73    | 996.53    | 991.67   | 995.64     | 0.36    | ppb   |
| Arsenic    | 75-2  | 1051.78   | 982.73    | 973.01   | 1002.51    | 4.28    | ppb   |
| Barium     | 135-1 | 5000.83   | 5001.72   | 4973.60  | 4992.05    | 0.32    | ppb   |
| Barium     | 137-1 | 4991.56   | 4985.09   | 4989.33  | 4988.66    | 0.07    | ppb   |
| Beryllium  | 9-1   | 1001.57   | 991.86    | 995.50   | 996.31     | 0.49    | ppb   |
| Bismuth    | 209-1 |           |           |          | 106        |         | %     |
| Bismuth    | 209-2 |           |           |          | 92         |         | %     |
| Boron      | 10-1  | 1003.86   | 990.04    | 1010.79  | 1001.56    | 1.05    | ppb   |
| Boron      | 11-1  | 996.33    | 1000.37   | 1007.90  | 1001.53    | 0.59    | ppb   |
| Cadmium    | 111-1 | 991.90    | 996.31    | 988.76   | 992.32     | 0.38    | ppb   |
| Cadmium    | 106-1 | 1001.28   | 988.73    | 985.18   | 991.73     | 0.85    | ppb   |
| Cadmium    | 108-1 | 988.35    | 982.59    | 1000.46  | 990.47     | 0.92    | ppb   |
| Calcium    | 43-1  | 100072.09 | 100030.46 | 99597.50 | 99900.02   | 0.26    | ppb   |
| Calcium    | 44-1  | 99464.94  | 99547.24  | 99079.72 | 99363.96   | 0.25    | ppb   |
| Chromium   | 52-2  | 1052.44   | 974.71    | 977.55   | 1001.57    | 4.40    | ppb   |
| Cobalt     | 59-2  | 1048.67   | 974.31    | 980.88   | 1001.29    | 4.11    | ppb   |
| Copper     | 63-2  | 2092.45   | 1951.23   | 1948.80  | 1997.49    | 4.12    | ppb   |
| Dysprosium | 156-1 |           |           |          |            |         | cps   |
| Dysprosium | 156-2 |           |           |          |            |         | cps   |
| Erbium     | 164-1 |           |           |          |            |         | cps   |
| Erbium     | 164-2 |           |           |          |            |         | cps   |
| Gadolinium | 160-1 |           |           |          |            |         | cps   |
| Gadolinium | 160-2 |           |           |          |            |         | cps   |
| Holmium    | 165-1 |           |           |          | 107        |         | %     |
| Holmium    | 165-2 |           |           |          | 96         |         | %     |
| Indium     | 115-1 |           |           |          | 95         |         | %     |
| Indium     | 115-2 |           |           |          | 85         |         | %     |
| Iron       | 56-2  | 56315.71  | 52102.77  | 51985.93 | 53468.13   | 4.61    | ppb   |
| Iron       | 57-2  | 56272.32  | 52211.33  | 51907.13 | 53463.59   | 4.56    | ppb   |
| Lead       | 206-1 | 1009.15   | 998.52    | 999.86   | 1002.51    | 0.58    | ppb   |
| Lead       | 207-1 | 1006.00   | 1005.04   | 996.94   | 1002.66    | 0.50    | ppb   |
| Lead       | 208-1 | 1003.47   | 1000.88   | 996.70   | 1000.35    | 0.34    | ppb   |
| Lithium    | 6-1   |           |           |          | 96         |         | %     |
| Magnesium  | 24-2  | 108350.90 | 99838.17  | 99506.76 | 102565.28  | 4.89    | ppb   |
| Manganese  | 55-2  | 2107.40   | 1959.23   | 1944.31  | 2003.65    | 4.50    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:24:48 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 4971.82   | 5001.28   | 5014.12   | 4995.74    | 0.43    | ppb   |
| Molybdenum | 95-1  | 4990.66   | 4987.38   | 5005.80   | 4994.61    | 0.20    | ppb   |
| Molybdenum | 96-1  | 4995.68   | 4995.62   | 5005.64   | 4998.98    | 0.12    | ppb   |
| Molybdenum | 97-1  | 4997.00   | 5008.95   | 4981.84   | 4995.93    | 0.27    | ppb   |
| Molybdenum | 98-1  | 4997.94   | 5018.13   | 4996.89   | 5004.32    | 0.24    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1047.50   | 971.41    | 977.84    | 998.92     | 4.22    | ppb   |
| Phosphorus | 31-2  | 21314.68  | 19230.56  | 19408.24  | 19984.49   | 5.78    | ppb   |
| Potassium  | 39-2  | 53621.04  | 49621.42  | 49366.12  | 50869.52   | 4.69    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 86         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 82         |         | %     |
| Selenium   | 77-2  | 1023.08   | 1004.83   | 954.69    | 994.20     | 3.56    | ppb   |
| Selenium   | 78-2  | 1048.55   | 977.84    | 966.06    | 997.48     | 4.47    | ppb   |
| Selenium   | 82-1  | 993.30    | 991.25    | 991.83    | 992.13     | 0.11    | ppb   |
| Silicon    | 28-1  | 903.46    | 909.82    | 907.14    | 906.81     | 0.35    | ppb   |
| Silver     | 109-1 | 995.24    | 992.81    | 986.39    | 991.48     | 0.46    | ppb   |
| Silver     | 107-1 | 996.87    | 990.41    | 996.57    | 994.61     | 0.37    | ppb   |
| Sodium     | 23-2  | 108841.51 | 100468.26 | 100280.46 | 103196.75  | 4.74    | ppb   |
| Strontium  | 86-1  | 1000.62   | 999.62    | 998.98    | 999.74     | 0.08    | ppb   |
| Strontium  | 88-1  | 999.23    | 996.13    | 998.16    | 997.84     | 0.16    | ppb   |
| Sulfur     | 34-1  | 20100.10  | 20213.96  | 19779.74  | 20031.27   | 1.12    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 1011.66   | 994.90    | 996.21    | 1000.92    | 0.93    | ppb   |
| Thallium   | 205-1 | 1006.18   | 991.70    | 1003.07   | 1000.31    | 0.76    | ppb   |
| Tin        | 118-1 | 1002.95   | 996.67    | 996.11    | 998.58     | 0.38    | ppb   |
| Titanium   | 47-1  | 5036.28   | 4984.16   | 4982.49   | 5000.98    | 0.61    | ppb   |
| Uranium    | 238-1 | 1006.45   | 995.12    | 1002.60   | 1001.39    | 0.58    | ppb   |
| Vanadium   | 51-2  | 1056.96   | 976.91    | 978.59    | 1004.16    | 4.56    | ppb   |
| Yttrium    | 89-1  |           |           |           | 95         |         | %     |
| Yttrium    | 89-2  |           |           |           | 87         |         | %     |
| Zinc       | 66-2  | 2085.67   | 1947.77   | 1958.81   | 1997.42    | 3.84    | ppb   |
| Zirconium  | 90-1  | 994.70    | 1001.55   | 1004.97   | 1000.41    | 0.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:24:48 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1003.01 | 1003.26 | 1000.13 | 1002.13    | 0.17    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:28:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99814.67  | 99855.10  | 100251.58 | 99973.78   | 0.24    | ppb   |
| Antimony   | 121-1 | 1.67      | 1.72      | 1.86      | 1.75       | 5.46    | ppb   |
| Arsenic    | 75-2  | 0.46      | 0.40      | 0.50      | 0.45       | 11.61   | ppb   |
| Barium     | 135-1 | 1.95      | 2.00      | 1.89      | 1.94       | 2.80    | ppb   |
| Barium     | 137-1 | 1.86      | 1.94      | 2.01      | 1.94       | 3.72    | ppb   |
| Beryllium  | 9-1   | 0.35      | 0.40      | 0.34      | 0.36       | 8.90    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 28.45     | 27.42     | 23.74     | 26.53      | 9.33    | ppb   |
| Boron      | 11-1  | 27.71     | 26.74     | 24.40     | 26.28      | 6.48    | ppb   |
| Cadmium    | 111-1 | 0.16      | 0.11      | 0.10      | 0.12       | 24.02   | ppb   |
| Cadmium    | 106-1 | -0.42     | -1.97     | -1.21     | -1.20      |         | ppb   |
| Cadmium    | 108-1 | 0.45      | 0.19      | 0.22      | 0.28       | 50.74   | ppb   |
| Calcium    | 43-1  | 498116.56 | 495475.94 | 506327.31 | 499973.27  | 1.13    | ppb   |
| Calcium    | 44-1  | 497924.33 | 495635.37 | 506790.83 | 500116.84  | 1.18    | ppb   |
| Chromium   | 52-2  | 47.64     | 47.24     | 47.55     | 47.48      | 0.43    | ppb   |
| Cobalt     | 59-2  | 1.71      | 1.69      | 1.78      | 1.73       | 2.98    | ppb   |
| Copper     | 63-2  | 3.94      | 3.93      | 3.93      | 3.93       | 0.13    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 249917.59 | 247466.51 | 249893.15 | 249092.42  | 0.57    | ppb   |
| Iron       | 57-2  | 250511.70 | 247055.73 | 249748.86 | 249105.43  | 0.73    | ppb   |
| Lead       | 206-1 | 2.17      | 2.16      | 2.19      | 2.17       | 0.59    | ppb   |
| Lead       | 207-1 | 1.99      | 1.97      | 1.93      | 1.97       | 1.57    | ppb   |
| Lead       | 208-1 | 2.07      | 2.08      | 2.06      | 2.07       | 0.53    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 498146.11 | 497480.37 | 502153.37 | 499259.95  | 0.51    | ppb   |
| Manganese  | 55-2  | 9.68      | 9.51      | 9.57      | 9.59       | 0.86    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:28:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.77      | 6.54      | 6.48      | 6.60       | 2.35    | ppb   |
| Molybdenum | 95-1  | 8.57      | 8.34      | 8.39      | 8.43       | 1.48    | ppb   |
| Molybdenum | 96-1  | 8.78      | 8.83      | 8.99      | 8.87       | 1.25    | ppb   |
| Molybdenum | 97-1  | 8.49      | 8.56      | 8.22      | 8.42       | 2.14    | ppb   |
| Molybdenum | 98-1  | 8.38      | 8.09      | 8.22      | 8.23       | 1.79    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 29.30     | 28.55     | 29.77     | 29.20      | 2.11    | ppb   |
| Phosphorus | 31-2  | -0.76     | 2.23      | 0.74      | 0.74       | 203.11  | ppb   |
| Potassium  | 39-2  | 249246.86 | 249665.19 | 250317.28 | 249743.11  | 0.22    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 83         |         | %     |
| Scandium   | 45-1  |           |           |           | 94         |         | %     |
| Scandium   | 45-2  |           |           |           | 89         |         | %     |
| Selenium   | 77-2  | -0.70     | -0.70     | -0.12     | -0.51      |         | ppb   |
| Selenium   | 78-2  | -0.31     | 1.60      | -1.53     | -0.08      |         | ppb   |
| Selenium   | 82-1  | 1.13      | 1.46      | 1.13      | 1.24       | 15.25   | ppb   |
| Silicon    | 28-1  | 66.67     | 67.17     | 68.60     | 67.48      | 1.48    | ppb   |
| Silver     | 109-1 | 0.14      | 0.12      | 0.13      | 0.13       | 5.06    | ppb   |
| Silver     | 107-1 | 0.11      | 0.11      | 0.11      | 0.11       | 2.96    | ppb   |
| Sodium     | 23-2  | 500077.28 | 496918.65 | 500412.14 | 499136.02  | 0.39    | ppb   |
| Strontium  | 86-1  | 33.17     | 33.42     | 33.23     | 33.27      | 0.39    | ppb   |
| Strontium  | 88-1  | 33.36     | 33.07     | 33.39     | 33.28      | 0.53    | ppb   |
| Sulfur     | 34-1  | -1298.06  | -1139.33  | -953.81   | -1130.40   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 0.47      | 0.44      | 0.42      | 0.44       | 5.59    | ppb   |
| Thallium   | 205-1 | 0.45      | 0.42      | 0.39      | 0.42       | 6.84    | ppb   |
| Tin        | 118-1 | 1.71      | 1.67      | 1.71      | 1.70       | 1.12    | ppb   |
| Titanium   | 47-1  | 1.34      | 1.53      | 1.68      | 1.52       | 11.17   | ppb   |
| Uranium    | 238-1 | 0.26      | 0.25      | 0.26      | 0.25       | 1.73    | ppb   |
| Vanadium   | 51-2  | 0.54      | 0.51      | 0.52      | 0.52       | 2.88    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Yttrium    | 89-2  |           |           |           | 91         |         | %     |
| Zinc       | 66-2  | 7.57      | 7.71      | 7.82      | 7.70       | 1.60    | ppb   |
| Zirconium  | 90-1  | 0.32      | 0.32      | 0.31      | 0.32       | 2.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:28:31 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.33    | 0.30    | 0.32    | 0.32       | 5.38    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:32:21 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 491.34  | 497.08  | 496.57  | 495.00     | 0.64    | ppb   |
| Antimony   | 121-1 | 190.67  | 189.30  | 188.21  | 189.39     | 0.65    | ppb   |
| Arsenic    | 75-2  | 189.68  | 188.81  | 185.40  | 187.96     | 1.20    | ppb   |
| Barium     | 135-1 | 95.52   | 94.56   | 94.52   | 94.87      | 0.60    | ppb   |
| Barium     | 137-1 | 96.92   | 95.43   | 96.35   | 96.23      | 0.78    | ppb   |
| Beryllium  | 9-1   | 93.38   | 95.26   | 95.39   | 94.68      | 1.19    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 535.74  | 546.62  | 535.52  | 539.29     | 1.18    | ppb   |
| Boron      | 11-1  | 540.45  | 539.33  | 541.56  | 540.45     | 0.21    | ppb   |
| Cadmium    | 111-1 | 102.91  | 102.27  | 101.43  | 102.20     | 0.73    | ppb   |
| Cadmium    | 106-1 | 182.18  | 180.90  | 181.26  | 181.45     | 0.36    | ppb   |
| Cadmium    | 108-1 | 143.69  | 143.88  | 147.08  | 144.88     | 1.31    | ppb   |
| Calcium    | 43-1  | 2102.12 | 2051.98 | 2117.16 | 2090.42    | 1.63    | ppb   |
| Calcium    | 44-1  | 1985.60 | 1964.77 | 1959.41 | 1969.93    | 0.70    | ppb   |
| Chromium   | 52-2  | 90.50   | 90.17   | 91.92   | 90.86      | 1.02    | ppb   |
| Cobalt     | 59-2  | 93.95   | 94.22   | 95.70   | 94.62      | 1.00    | ppb   |
| Copper     | 63-2  | 94.41   | 95.41   | 96.56   | 95.46      | 1.13    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 999.11  | 999.20  | 1010.90 | 1003.07    | 0.68    | ppb   |
| Iron       | 57-2  | 1003.08 | 1003.48 | 1030.32 | 1012.29    | 1.54    | ppb   |
| Lead       | 206-1 | 187.38  | 183.46  | 188.28  | 186.37     | 1.38    | ppb   |
| Lead       | 207-1 | 178.76  | 175.35  | 178.79  | 177.63     | 1.12    | ppb   |
| Lead       | 208-1 | 183.32  | 180.23  | 183.59  | 182.38     | 1.02    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 1181.28 | 1160.25 | 1175.05 | 1172.19    | 0.92    | ppb   |
| Manganese  | 55-2  | 91.94   | 92.64   | 94.13   | 92.90      | 1.20    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:32:21 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1093.88  | 1077.05  | 1082.53  | 1084.49    | 0.79    | ppb   |
| Molybdenum | 95-1  | 489.21   | 484.02   | 485.07   | 486.10     | 0.56    | ppb   |
| Molybdenum | 96-1  | 563.80   | 559.22   | 559.13   | 560.71     | 0.48    | ppb   |
| Molybdenum | 97-1  | 487.17   | 481.14   | 487.66   | 485.32     | 0.75    | ppb   |
| Molybdenum | 98-1  | 487.79   | 483.97   | 487.92   | 486.56     | 0.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 97.14    | 95.78    | 97.47    | 96.80      | 0.93    | ppb   |
| Phosphorus | 31-2  | 7.67     | 9.50     | 3.01     | 6.73       | 49.77   | ppb   |
| Potassium  | 39-2  | 1920.63  | 1901.11  | 1952.80  | 1924.85    | 1.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 187.46   | 195.00   | 187.10   | 189.85     | 2.35    | ppb   |
| Selenium   | 78-2  | 193.59   | 197.28   | 186.63   | 192.50     | 2.81    | ppb   |
| Selenium   | 82-1  | 195.32   | 190.80   | 191.07   | 192.40     | 1.32    | ppb   |
| Silicon    | 28-1  | 570.42   | 563.04   | 559.82   | 564.42     | 0.96    | ppb   |
| Silver     | 109-1 | 101.49   | 99.42    | 99.45    | 100.12     | 1.19    | ppb   |
| Silver     | 107-1 | 100.33   | 98.89    | 98.29    | 99.17      | 1.06    | ppb   |
| Sodium     | 23-2  | 2009.85  | 1994.97  | 2039.37  | 2014.73    | 1.12    | ppb   |
| Strontium  | 86-1  | 492.89   | 490.16   | 492.56   | 491.87     | 0.30    | ppb   |
| Strontium  | 88-1  | 494.04   | 491.40   | 492.13   | 492.53     | 0.28    | ppb   |
| Sulfur     | 34-1  | -1170.19 | -1367.14 | -1556.93 | -1364.75   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 188.36   | 186.10   | 189.41   | 187.95     | 0.90    | ppb   |
| Thallium   | 205-1 | 191.68   | 188.35   | 191.66   | 190.56     | 1.01    | ppb   |
| Tin        | 118-1 | 510.01   | 509.30   | 507.17   | 508.83     | 0.29    | ppb   |
| Titanium   | 47-1  | 489.59   | 488.80   | 483.87   | 487.42     | 0.64    | ppb   |
| Uranium    | 238-1 | 524.93   | 523.15   | 525.69   | 524.59     | 0.25    | ppb   |
| Vanadium   | 51-2  | 91.45    | 90.23    | 90.39    | 90.69      | 0.73    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 189.05   | 188.85   | 189.41   | 189.10     | 0.15    | ppb   |
| Zirconium  | 90-1  | 494.39   | 494.03   | 491.67   | 493.37     | 0.30    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:32:21 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 491.35  | 485.95  | 483.16  | 486.82     | 0.86    | ppb   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 12:42:27 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.30    | 0.29    | 0.40    | 0.33       | 19.12   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.11    | 0.12    | 0.12       | 7.14    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.03    | 0.01    | 0.01       | 80.25   | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | 0.03    | 0.01       | 114.67  | ppb   |
| Barium     | 137-1 | 0.02    | 0.01    | 0.00    | 0.01       | 113.53  | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.07    | 0.09    | 0.08       | 21.83   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | 5.58    | 4.03    | 5.50    | 5.04       | 17.40   | ppb   |
| Boron      | 11-1  | 4.29    | 4.48    | 4.33    | 4.37       | 2.31    | ppb   |
| Cadmium    | 111-1 | -0.19   | -0.10   | -0.04   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -4.28   | -2.29   | -0.99   | -2.52      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.05    | 0.02    | 0.01       | 681.63  | ppb   |
| Calcium    | 43-1  | -2.79   | -1.20   | -2.00   | -1.99      |         | ppb   |
| Calcium    | 44-1  | -4.37   | -2.10   | -3.67   | -3.38      |         | ppb   |
| Chromium   | 52-2  | -0.01   | 0.01    | 0.03    | 0.01       | 182.46  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 15.89   | ppb   |
| Copper     | 63-2  | 0.06    | 0.07    | 0.10    | 0.08       | 29.90   | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 0.40    | 0.36    | 0.37    | 0.37       | 6.15    | ppb   |
| Iron       | 57-2  | 0.35    | -1.88   | -0.56   | -0.70      |         | ppb   |
| Lead       | 206-1 | 0.07    | 0.05    | 0.05    | 0.06       | 16.01   | ppb   |
| Lead       | 207-1 | 0.04    | 0.07    | 0.04    | 0.05       | 33.83   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.22    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 1.73    | 1.17    | 1.30    | 1.40       | 20.85   | ppb   |
| Manganese  | 55-2  | -0.02   | 0.02    | -0.03   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:42:27 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.02    | 0.02    | 0.03       | 69.03   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.03    | 0.03    | 0.04       | 44.06   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.05    | 0.04    | 0.05       | 31.17   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05    | 0.02    | 0.03       | 32.36   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.05    | 0.05    | 0.05       | 6.60    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.05    | 0.01    | 0.00    | 0.02       | 130.58  | ppb   |
| Phosphorus | 31-2  | -8.02   | -6.53   | -4.16   | -6.23      |         | ppb   |
| Potassium  | 39-2  | -4.55   | 1.90    | -1.59   | -1.42      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 94         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 91         |         | %     |
| Selenium   | 77-2  | -0.13   | -0.70   | -0.70   | -0.51      |         | ppb   |
| Selenium   | 78-2  | -0.03   | -1.44   | -0.07   | -0.51      |         | ppb   |
| Selenium   | 82-1  | -0.09   | 0.38    | 0.30    | 0.20       | 127.41  | ppb   |
| Silicon    | 28-1  | -12.72  | -11.61  | -11.15  | -11.83     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 71.00   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 25.23   | ppb   |
| Sodium     | 23-2  | 30.10   | 30.55   | 30.10   | 30.25      | 0.85    | ppb   |
| Strontium  | 86-1  | 0.02    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 43.28   | ppb   |
| Sulfur     | 34-1  | -970.22 | -942.67 | -926.33 | -946.41    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.01    | 0.01       | 54.68   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.35   | ppb   |
| Tin        | 118-1 | 0.00    | 0.05    | 0.01    | 0.02       | 161.51  | ppb   |
| Titanium   | 47-1  | 0.04    | 0.01    | 0.13    | 0.06       | 103.88  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 76.44   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 1183.46 | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | 0.06    | 0.08    | 0.05    | 0.06       | 29.01   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.00    | 0.00       | 323.19  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:42:27 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.02   | 0.02    | 0.01    | 0.00       | 531.46  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:46:01 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 92824.78  | 92657.98  | 91648.93  | 92377.23   | 0.69    | ppb   |
| Antimony   | 121-1 | 1.22      | 1.19      | 1.22      | 1.21       | 1.46    | ppb   |
| Arsenic    | 75-2  | 0.29      | 0.37      | 0.27      | 0.31       | 17.82   | ppb   |
| Barium     | 135-1 | 1.45      | 1.42      | 1.49      | 1.46       | 2.47    | ppb   |
| Barium     | 137-1 | 1.50      | 1.43      | 1.39      | 1.44       | 3.90    | ppb   |
| Beryllium  | 9-1   | 0.33      | 0.35      | 0.33      | 0.33       | 3.05    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 5.12      | 5.47      | 3.88      | 4.82       | 17.25   | ppb   |
| Boron      | 11-1  | 4.87      | 5.00      | 4.59      | 4.82       | 4.31    | ppb   |
| Cadmium    | 111-1 | 0.47      | 0.53      | 0.55      | 0.52       | 7.97    | ppb   |
| Cadmium    | 106-1 | -2.74     | -2.96     | -2.28     | -2.66      |         | ppb   |
| Cadmium    | 108-1 | 11.35     | 11.27     | 10.59     | 11.07      | 3.78    | ppb   |
| Calcium    | 43-1  | 97056.75  | 97058.37  | 96899.17  | 97004.76   | 0.09    | ppb   |
| Calcium    | 44-1  | 97206.60  | 97096.51  | 96599.57  | 96967.56   | 0.33    | ppb   |
| Chromium   | 52-2  | 20.07     | 19.93     | 19.92     | 19.97      | 0.42    | ppb   |
| Cobalt     | 59-2  | 1.21      | 1.15      | 1.16      | 1.17       | 2.61    | ppb   |
| Copper     | 63-2  | 7.60      | 7.71      | 7.67      | 7.66       | 0.71    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 103187.75 | 103111.37 | 101890.57 | 102729.90  | 0.71    | ppb   |
| Iron       | 57-2  | 103893.88 | 103686.14 | 103009.18 | 103529.73  | 0.45    | ppb   |
| Lead       | 206-1 | 4.59      | 4.72      | 4.59      | 4.63       | 1.61    | ppb   |
| Lead       | 207-1 | 3.87      | 4.06      | 3.97      | 3.97       | 2.30    | ppb   |
| Lead       | 208-1 | 4.20      | 4.30      | 4.20      | 4.23       | 1.34    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 99877.85  | 99637.95  | 99079.37  | 99531.73   | 0.41    | ppb   |
| Manganese  | 55-2  | 7.61      | 7.60      | 7.87      | 7.69       | 2.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:46:01 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1331.72   | 1334.28   | 1339.10   | 1335.04    | 0.28    | ppb   |
| Molybdenum | 95-1  | 1910.29   | 1925.48   | 1927.81   | 1921.19    | 0.50    | ppb   |
| Molybdenum | 96-1  | 1839.16   | 1855.48   | 1867.18   | 1853.94    | 0.76    | ppb   |
| Molybdenum | 97-1  | 1897.68   | 1911.55   | 1910.18   | 1906.47    | 0.40    | ppb   |
| Molybdenum | 98-1  | 1900.77   | 1919.11   | 1913.14   | 1911.01    | 0.49    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.72      | 5.68      | 5.76      | 5.72       | 0.65    | ppb   |
| Phosphorus | 31-2  | 96696.98  | 97452.42  | 95992.39  | 96713.93   | 0.75    | ppb   |
| Potassium  | 39-2  | 100565.33 | 100224.46 | 98866.51  | 99885.43   | 0.90    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 86         |         | %     |
| Selenium   | 77-2  | 1.06      | -0.70     | -0.70     | -0.11      |         | ppb   |
| Selenium   | 78-2  | -1.10     | -0.86     | -1.11     | -1.02      |         | ppb   |
| Selenium   | 82-1  | 0.18      | 0.81      | 1.46      | 0.82       | 77.95   | ppb   |
| Silicon    | 28-1  | 19.05     | 16.09     | 17.58     | 17.58      | 8.41    | ppb   |
| Silver     | 109-1 | 0.10      | 0.14      | 0.15      | 0.13       | 20.48   | ppb   |
| Silver     | 107-1 | 0.12      | 0.14      | 0.15      | 0.14       | 10.49   | ppb   |
| Sodium     | 23-2  | 100583.87 | 100556.48 | 99948.80  | 100363.05  | 0.36    | ppb   |
| Strontium  | 86-1  | 33.23     | 33.49     | 33.16     | 33.29      | 0.52    | ppb   |
| Strontium  | 88-1  | 33.20     | 33.43     | 33.38     | 33.34      | 0.37    | ppb   |
| Sulfur     | 34-1  | 109203.90 | 109533.11 | 108017.57 | 108918.19  | 0.73    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 0.12      | 0.10      | 0.10      | 0.11       | 12.00   | ppb   |
| Thallium   | 205-1 | 0.10      | 0.10      | 0.10      | 0.10       | 2.41    | ppb   |
| Tin        | 118-1 | 0.13      | 0.09      | 0.14      | 0.12       | 21.06   | ppb   |
| Titanium   | 47-1  | 1961.49   | 1965.81   | 1955.31   | 1960.87    | 0.27    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02      | 0.02       | 5.07    | ppb   |
| Vanadium   | 51-2  | 0.18      | 0.13      | 0.18      | 0.16       | 16.66   | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |
| Zinc       | 66-2  | 10.83     | 11.38     | 11.46     | 11.22      | 3.04    | ppb   |
| Zirconium  | 90-1  | 0.05      | 0.05      | 0.04      | 0.05       | 8.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:46:01 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.08    | 0.05    | 0.07       | 25.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:49:36 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 91406.29  | 91568.62  | 91969.77  | 91648.23   | 0.32    | ppb   |
| Antimony   | 121-1 | 20.65     | 20.90     | 20.28     | 20.61      | 1.51    | ppb   |
| Arsenic    | 75-2  | 19.66     | 19.95     | 19.16     | 19.59      | 2.06    | ppb   |
| Barium     | 135-1 | 21.41     | 21.39     | 21.49     | 21.43      | 0.26    | ppb   |
| Barium     | 137-1 | 22.30     | 21.82     | 21.27     | 21.80      | 2.37    | ppb   |
| Beryllium  | 9-1   | 20.14     | 20.54     | 20.20     | 20.30      | 1.07    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 57.39     | 57.52     | 60.13     | 58.35      | 2.66    | ppb   |
| Boron      | 11-1  | 59.06     | 57.96     | 59.04     | 58.69      | 1.07    | ppb   |
| Cadmium    | 111-1 | 20.06     | 20.32     | 20.03     | 20.13      | 0.80    | ppb   |
| Cadmium    | 106-1 | 21.42     | 20.60     | 20.51     | 20.84      | 2.39    | ppb   |
| Cadmium    | 108-1 | 32.46     | 31.68     | 32.72     | 32.29      | 1.68    | ppb   |
| Calcium    | 43-1  | 97698.93  | 96865.45  | 97255.39  | 97273.25   | 0.43    | ppb   |
| Calcium    | 44-1  | 97078.93  | 96673.04  | 96985.15  | 96912.37   | 0.22    | ppb   |
| Chromium   | 52-2  | 39.86     | 40.00     | 39.92     | 39.93      | 0.18    | ppb   |
| Cobalt     | 59-2  | 20.41     | 20.77     | 20.66     | 20.62      | 0.89    | ppb   |
| Copper     | 63-2  | 27.14     | 26.98     | 27.39     | 27.17      | 0.76    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 102253.48 | 102637.13 | 102925.05 | 102605.22  | 0.33    | ppb   |
| Iron       | 57-2  | 102608.32 | 103174.69 | 103775.10 | 103186.04  | 0.57    | ppb   |
| Lead       | 206-1 | 24.74     | 24.38     | 24.54     | 24.56      | 0.73    | ppb   |
| Lead       | 207-1 | 22.27     | 22.76     | 22.47     | 22.50      | 1.10    | ppb   |
| Lead       | 208-1 | 23.15     | 23.45     | 23.26     | 23.29      | 0.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 98806.60  | 98690.03  | 99553.58  | 99016.74   | 0.47    | ppb   |
| Manganese  | 55-2  | 26.90     | 27.03     | 26.99     | 26.97      | 0.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:49:36 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1450.51   | 1453.29   | 1438.40   | 1447.40    | 0.55    | ppb   |
| Molybdenum | 95-1  | 1974.40   | 1984.74   | 1974.62   | 1977.92    | 0.30    | ppb   |
| Molybdenum | 96-1  | 1907.46   | 1914.31   | 1902.53   | 1908.10    | 0.31    | ppb   |
| Molybdenum | 97-1  | 1947.20   | 1964.56   | 1945.62   | 1952.46    | 0.54    | ppb   |
| Molybdenum | 98-1  | 1957.66   | 1982.73   | 1957.95   | 1966.11    | 0.73    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 26.11     | 25.56     | 25.43     | 25.70      | 1.40    | ppb   |
| Phosphorus | 31-2  | 96436.03  | 95396.29  | 96234.17  | 96022.16   | 0.57    | ppb   |
| Potassium  | 39-2  | 99068.70  | 99193.27  | 99786.88  | 99349.62   | 0.39    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 87         |         | %     |
| Selenium   | 77-2  | 26.66     | 20.64     | 16.50     | 21.27      | 24.02   | ppb   |
| Selenium   | 78-2  | 20.07     | 17.88     | 20.62     | 19.52      | 7.44    | ppb   |
| Selenium   | 82-1  | 20.71     | 19.90     | 19.63     | 20.08      | 2.79    | ppb   |
| Silicon    | 28-1  | 80.11     | 78.78     | 78.00     | 78.96      | 1.35    | ppb   |
| Silver     | 109-1 | 19.34     | 19.10     | 18.76     | 19.06      | 1.53    | ppb   |
| Silver     | 107-1 | 18.89     | 19.17     | 18.79     | 18.95      | 1.05    | ppb   |
| Sodium     | 23-2  | 99000.45  | 99471.37  | 99967.07  | 99479.63   | 0.49    | ppb   |
| Strontium  | 86-1  | 83.42     | 83.92     | 82.17     | 83.17      | 1.08    | ppb   |
| Strontium  | 88-1  | 84.02     | 84.10     | 83.54     | 83.88      | 0.36    | ppb   |
| Sulfur     | 34-1  | 108427.73 | 106830.85 | 107549.88 | 107602.82  | 0.74    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 19.86     | 20.13     | 20.24     | 20.08      | 0.99    | ppb   |
| Thallium   | 205-1 | 19.68     | 19.85     | 20.29     | 19.94      | 1.57    | ppb   |
| Tin        | 118-1 | 50.98     | 51.01     | 50.71     | 50.90      | 0.32    | ppb   |
| Titanium   | 47-1  | 2007.98   | 2008.07   | 1999.30   | 2005.12    | 0.25    | ppb   |
| Uranium    | 238-1 | 51.39     | 51.59     | 51.19     | 51.39      | 0.39    | ppb   |
| Vanadium   | 51-2  | 19.24     | 19.27     | 19.45     | 19.32      | 0.58    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |
| Zinc       | 66-2  | 30.41     | 29.91     | 30.52     | 30.28      | 1.08    | ppb   |
| Zirconium  | 90-1  | 50.92     | 50.96     | 50.77     | 50.88      | 0.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:49:36 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 51.12   | 50.79   | 50.79   | 50.90      | 0.37    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV052              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV052              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:53:11 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50216.23  | 49876.16  | 49707.40  | 49933.27   | 0.52    | ppb   |
| Antimony   | 121-1 | 492.48    | 494.77    | 498.71    | 495.32     | 0.64    | ppb   |
| Arsenic    | 75-2  | 494.02    | 495.68    | 491.83    | 493.84     | 0.39    | ppb   |
| Barium     | 135-1 | 2467.40   | 2509.27   | 2507.12   | 2494.60    | 0.95    | ppb   |
| Barium     | 137-1 | 2485.08   | 2529.34   | 2518.03   | 2510.82    | 0.92    | ppb   |
| Beryllium  | 9-1   | 513.37    | 512.99    | 516.74    | 514.37     | 0.40    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 508.29    | 502.84    | 517.30    | 509.48     | 1.43    | ppb   |
| Boron      | 11-1  | 507.14    | 512.43    | 518.29    | 512.62     | 1.09    | ppb   |
| Cadmium    | 111-1 | 484.07    | 493.26    | 488.98    | 488.77     | 0.94    | ppb   |
| Cadmium    | 106-1 | 492.73    | 486.67    | 497.58    | 492.33     | 1.11    | ppb   |
| Cadmium    | 108-1 | 490.76    | 495.33    | 493.08    | 493.05     | 0.46    | ppb   |
| Calcium    | 43-1  | 246590.71 | 246973.96 | 245801.16 | 246455.28  | 0.24    | ppb   |
| Calcium    | 44-1  | 245368.06 | 245324.70 | 245047.84 | 245246.86  | 0.07    | ppb   |
| Chromium   | 52-2  | 512.66    | 503.73    | 506.95    | 507.78     | 0.89    | ppb   |
| Cobalt     | 59-2  | 484.83    | 473.43    | 479.50    | 479.25     | 1.19    | ppb   |
| Copper     | 63-2  | 945.22    | 928.29    | 945.78    | 939.76     | 1.06    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 128567.60 | 126633.12 | 125779.98 | 126993.56  | 1.12    | ppb   |
| Iron       | 57-2  | 128012.06 | 125727.20 | 126752.37 | 126830.54  | 0.90    | ppb   |
| Lead       | 206-1 | 507.49    | 502.62    | 500.93    | 503.68     | 0.68    | ppb   |
| Lead       | 207-1 | 504.29    | 502.85    | 499.47    | 502.20     | 0.49    | ppb   |
| Lead       | 208-1 | 509.05    | 506.31    | 503.94    | 506.43     | 0.50    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 249146.19 | 245990.95 | 246791.63 | 247309.59  | 0.66    | ppb   |
| Manganese  | 55-2  | 986.83    | 968.33    | 967.17    | 974.11     | 1.13    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV052              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV052              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:53:11 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2513.75   | 2508.53   | 2520.00   | 2514.09    | 0.23    | ppb   |
| Molybdenum | 95-1  | 2520.28   | 2520.19   | 2508.19   | 2516.22    | 0.28    | ppb   |
| Molybdenum | 96-1  | 2511.46   | 2529.55   | 2516.49   | 2519.17    | 0.37    | ppb   |
| Molybdenum | 97-1  | 2498.60   | 2521.34   | 2508.70   | 2509.54    | 0.45    | ppb   |
| Molybdenum | 98-1  | 2481.48   | 2519.90   | 2496.64   | 2499.34    | 0.77    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 492.06    | 483.37    | 491.53    | 488.99     | 1.00    | ppb   |
| Phosphorus | 31-2  | 10280.99  | 10058.91  | 10046.19  | 10128.70   | 1.30    | ppb   |
| Potassium  | 39-2  | 125351.30 | 123974.38 | 123809.52 | 124378.40  | 0.68    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 86         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 88         |         | %     |
| Selenium   | 77-2  | 501.44    | 486.93    | 501.53    | 496.63     | 1.69    | ppb   |
| Selenium   | 78-2  | 476.57    | 487.52    | 483.27    | 482.45     | 1.14    | ppb   |
| Selenium   | 82-1  | 488.20    | 486.19    | 482.63    | 485.67     | 0.58    | ppb   |
| Silicon    | 28-1  | 616.84    | 623.55    | 627.70    | 622.70     | 0.88    | ppb   |
| Silver     | 109-1 | 486.56    | 494.76    | 487.42    | 489.58     | 0.92    | ppb   |
| Silver     | 107-1 | 481.52    | 488.17    | 489.26    | 486.32     | 0.86    | ppb   |
| Sodium     | 23-2  | 252937.62 | 249534.56 | 251047.91 | 251173.36  | 0.68    | ppb   |
| Strontium  | 86-1  | 511.21    | 513.94    | 508.95    | 511.37     | 0.49    | ppb   |
| Strontium  | 88-1  | 515.53    | 517.66    | 513.71    | 515.63     | 0.38    | ppb   |
| Sulfur     | 34-1  | 8452.89   | 8517.66   | 8503.04   | 8491.20    | 0.40    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 505.77    | 504.25    | 505.69    | 505.24     | 0.17    | ppb   |
| Thallium   | 205-1 | 510.73    | 511.33    | 505.13    | 509.06     | 0.67    | ppb   |
| Tin        | 118-1 | 489.42    | 494.54    | 494.03    | 492.66     | 0.57    | ppb   |
| Titanium   | 47-1  | 2487.68   | 2500.47   | 2502.95   | 2497.03    | 0.33    | ppb   |
| Uranium    | 238-1 | 515.40    | 517.66    | 513.68    | 515.58     | 0.39    | ppb   |
| Vanadium   | 51-2  | 499.94    | 490.39    | 492.35    | 494.22     | 1.02    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 91         |         | %     |
| Zinc       | 66-2  | 939.98    | 924.02    | 931.98    | 932.00     | 0.86    | ppb   |
| Zirconium  | 90-1  | 503.69    | 501.90    | 501.00    | 502.20     | 0.27    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV052              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV052              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:53:11 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 498.22  | 491.96  | 499.22  | 496.47     | 0.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB052              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB052              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:59:01 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.14    | 0.50    | 1.53    | 1.06       | 49.04   | ppb   |
| Antimony   | 121-1 | 0.22    | 0.23    | 0.26    | 0.24       | 8.38    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.01    | 0.01    | 0.02       | 112.76  | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.02    | 0.02       | 39.91   | ppb   |
| Barium     | 137-1 | 0.04    | 0.02    | 0.02    | 0.03       | 36.73   | ppb   |
| Beryllium  | 9-1   | 0.15    | 0.13    | 0.09    | 0.12       | 24.17   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 6.65    | 6.90    | 6.29    | 6.62       | 4.68    | ppb   |
| Boron      | 11-1  | 6.91    | 6.61    | 6.26    | 6.59       | 4.97    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.11   | -0.17   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -2.38   | -2.74   | -3.95   | -3.02      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.05    | 0.02    | 0.02       | 193.26  | ppb   |
| Calcium    | 43-1  | 1.72    | -1.61   | -0.57   | -0.15      |         | ppb   |
| Calcium    | 44-1  | 0.70    | 0.39    | -1.88   | -0.26      |         | ppb   |
| Chromium   | 52-2  | 0.00    | 0.02    | 0.03    | 0.02       | 67.41   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 45.42   | ppb   |
| Copper     | 63-2  | 0.13    | 0.08    | 0.10    | 0.10       | 27.56   | 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 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 2.77    | 2.56    | 2.56    | 2.63       | 4.66    | ppb   |
| Iron       | 57-2  | 1.04    | 3.16    | 1.70    | 1.97       | 55.11   | ppb   |
| Lead       | 206-1 | 0.09    | 0.11    | 0.09    | 0.09       | 10.84   | ppb   |
| Lead       | 207-1 | 0.11    | 0.08    | 0.09    | 0.09       | 18.43   | ppb   |
| Lead       | 208-1 | 0.10    | 0.10    | 0.09    | 0.09       | 5.89    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 3.88    | 3.32    | 3.36    | 3.52       | 8.84    | ppb   |
| Manganese  | 55-2  | 0.00    | -0.04   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB052              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB052              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:59:01 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21     | 0.14     | 0.15     | 0.17       | 21.27   | ppb   |
| Molybdenum | 95-1  | 0.29     | 0.24     | 0.24     | 0.26       | 10.32   | ppb   |
| Molybdenum | 96-1  | 0.27     | 0.28     | 0.27     | 0.27       | 2.67    | ppb   |
| Molybdenum | 97-1  | 0.24     | 0.25     | 0.21     | 0.23       | 8.53    | ppb   |
| Molybdenum | 98-1  | 0.26     | 0.23     | 0.20     | 0.23       | 12.73   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.05    | 0.05     | 0.04     | 0.01       | 395.50  | ppb   |
| Phosphorus | 31-2  | -2.28    | 12.62    | 4.50     | 4.95       | 150.80  | ppb   |
| Potassium  | 39-2  | 3.65     | 9.16     | 5.40     | 6.07       | 46.42   | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | -0.14    | -0.70    | -0.70    | -0.51      |         | ppb   |
| Selenium   | 78-2  | -2.00    | 0.29     | -0.87    | -0.86      |         | ppb   |
| Selenium   | 82-1  | 0.22     | 0.43     | -0.81    | -0.05      |         | ppb   |
| Silicon    | 28-1  | -13.30   | -12.79   | -13.90   | -13.33     |         | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.02     | 0.03       | 17.97   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.03     | 0.02       | 29.00   | ppb   |
| Sodium     | 23-2  | 60.44    | 60.12    | 57.52    | 59.36      | 2.70    | ppb   |
| Strontium  | 86-1  | -0.05    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.01     | 0.01     | 0.01       | 68.55   | ppb   |
| Sulfur     | 34-1  | -1641.33 | -1580.80 | -1570.10 | -1597.41   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.07     | 0.08     | 0.08       | 15.08   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.08     | 0.08       | 3.38    | ppb   |
| Tin        | 118-1 | 0.03     | 0.04     | 0.05     | 0.04       | 32.92   | ppb   |
| Titanium   | 47-1  | 0.06     | 0.05     | 0.10     | 0.07       | 41.88   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 36.72   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 1034.48 | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 0.17     | 0.06     | 0.08     | 0.10       | 55.06   | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.02     | 0.02     | 0.01       | 54.82   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB052              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB052              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:59:01 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 49.98   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:02:43 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.18   | 19.86   | 17.20   | 18.08      | 8.51    | ppb   |
| Antimony   | 121-1 | 1.96    | 2.01    | 2.00    | 1.99       | 1.29    | ppb   |
| Arsenic    | 75-2  | 0.91    | 0.90    | 1.10    | 0.97       | 11.37   | ppb   |
| Barium     | 135-1 | 9.22    | 8.89    | 9.12    | 9.08       | 1.89    | ppb   |
| Barium     | 137-1 | 9.33    | 9.24    | 9.13    | 9.24       | 1.07    | ppb   |
| Beryllium  | 9-1   | 1.18    | 1.11    | 0.98    | 1.09       | 8.88    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 25.77   | 26.34   | 28.97   | 27.03      | 6.30    | ppb   |
| Boron      | 11-1  | 27.55   | 27.20   | 27.30   | 27.35      | 0.65    | ppb   |
| Cadmium    | 111-1 | 0.84    | 0.78    | 0.87    | 0.83       | 5.84    | ppb   |
| Cadmium    | 106-1 | -0.38   | -2.98   | -0.08   | -1.15      |         | ppb   |
| Cadmium    | 108-1 | 0.72    | 1.03    | 0.94    | 0.90       | 18.01   | ppb   |
| Calcium    | 43-1  | 424.69  | 447.87  | 425.25  | 432.61     | 3.06    | ppb   |
| Calcium    | 44-1  | 433.03  | 433.84  | 430.77  | 432.55     | 0.37    | ppb   |
| Chromium   | 52-2  | 2.04    | 1.96    | 1.94    | 1.98       | 2.84    | ppb   |
| Cobalt     | 59-2  | 0.91    | 0.94    | 0.96    | 0.94       | 2.44    | ppb   |
| Copper     | 63-2  | 1.98    | 1.95    | 1.97    | 1.97       | 0.95    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 50.12   | 48.37   | 49.32   | 49.27      | 1.78    | ppb   |
| Iron       | 57-2  | 45.92   | 52.96   | 51.69   | 50.19      | 7.47    | ppb   |
| Lead       | 206-1 | 0.92    | 0.96    | 0.99    | 0.96       | 3.76    | ppb   |
| Lead       | 207-1 | 0.90    | 0.96    | 0.90    | 0.92       | 3.69    | ppb   |
| Lead       | 208-1 | 0.92    | 0.96    | 0.93    | 0.94       | 1.89    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 468.51  | 474.00  | 461.41  | 467.97     | 1.35    | ppb   |
| Manganese  | 55-2  | 0.94    | 0.89    | 0.90    | 0.91       | 2.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:02:43 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.55     | 4.61     | 4.38     | 4.51       | 2.66    | ppb   |
| Molybdenum | 95-1  | 4.40     | 4.57     | 4.37     | 4.45       | 2.39    | ppb   |
| Molybdenum | 96-1  | 4.48     | 4.42     | 4.55     | 4.49       | 1.45    | ppb   |
| Molybdenum | 97-1  | 4.45     | 4.29     | 4.55     | 4.43       | 2.93    | ppb   |
| Molybdenum | 98-1  | 4.48     | 4.50     | 4.48     | 4.49       | 0.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.03     | 1.08     | 1.11     | 1.07       | 3.78    | ppb   |
| Phosphorus | 31-2  | 12.95    | 11.49    | 2.24     | 8.89       | 65.33   | ppb   |
| Potassium  | 39-2  | 459.73   | 469.26   | 469.74   | 466.24     | 1.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 4.70     | 1.48     | 5.32     | 3.83       | 53.72   | ppb   |
| Selenium   | 78-2  | 4.22     | 2.81     | 3.64     | 3.56       | 19.88   | ppb   |
| Selenium   | 82-1  | 4.24     | 4.03     | 4.19     | 4.15       | 2.64    | ppb   |
| Silicon    | 28-1  | 0.97     | 1.31     | 1.19     | 1.16       | 14.73   | ppb   |
| Silver     | 109-1 | 1.06     | 0.98     | 1.00     | 1.02       | 4.24    | ppb   |
| Silver     | 107-1 | 1.01     | 0.94     | 1.00     | 0.98       | 3.55    | ppb   |
| Sodium     | 23-2  | 522.86   | 515.93   | 510.07   | 516.29     | 1.24    | ppb   |
| Strontium  | 86-1  | 0.87     | 0.91     | 0.93     | 0.90       | 3.50    | ppb   |
| Strontium  | 88-1  | 0.88     | 0.87     | 0.90     | 0.88       | 1.37    | ppb   |
| Sulfur     | 34-1  | -1048.26 | -1090.67 | -1159.99 | -1099.64   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.92     | 0.96     | 0.94     | 0.94       | 2.15    | ppb   |
| Thallium   | 205-1 | 0.98     | 0.96     | 0.93     | 0.95       | 2.72    | ppb   |
| Tin        | 118-1 | 4.61     | 4.61     | 4.61     | 4.61       | 0.06    | ppb   |
| Titanium   | 47-1  | 4.82     | 4.97     | 4.76     | 4.85       | 2.18    | ppb   |
| Uranium    | 238-1 | 0.82     | 0.85     | 0.86     | 0.84       | 2.50    | ppb   |
| Vanadium   | 51-2  | 4.34     | 4.50     | 4.44     | 4.43       | 1.76    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 2.08     | 1.80     | 1.80     | 1.89       | 8.53    | ppb   |
| Zirconium  | 90-1  | 0.95     | 1.00     | 0.96     | 0.97       | 2.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:02:43 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.86    | 1.01    | 0.92    | 0.93       | 8.34    | ppb   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : PB109304BL Instrumnet Name : P7  
 Client Sample ID : PBW007 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 13:06:16 DataFile Name : 019CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.42    | 0.29    | 0.39    | 0.70       | 89.99   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.07    | 0.07       | 6.32    | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.01    | 0.00       | 150.47  | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | 0.02    | 0.01       | 32.09   | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.02    | 0.01       | 127.89  | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.06    | 0.11    | 0.08       | 26.64   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | 4.12    | 3.32    | 3.73    | 3.72       | 10.70   | ppb   |
| Boron      | 11-1  | 4.31    | 3.78    | 3.71    | 3.93       | 8.35    | ppb   |
| Cadmium    | 111-1 | -0.07   | 0.05    | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.47   | 1.03    | -1.02   | -0.49      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.08    | 0.05    | 0.09       | 51.82   | ppb   |
| Calcium    | 43-1  | -2.12   | -3.54   | -3.49   | -3.05      |         | ppb   |
| Calcium    | 44-1  | -4.64   | -4.65   | -4.72   | -4.67      |         | ppb   |
| Chromium   | 52-2  | 0.02    | 0.05    | 0.05    | 0.04       | 48.44   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 26.51   | ppb   |
| Copper     | 63-2  | 0.03    | 0.02    | 0.05    | 0.03       | 45.94   | 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 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.66    | 0.40    | 0.39    | 0.48       | 31.29   | ppb   |
| Iron       | 57-2  | -0.93   | -1.02   | -0.14   | -0.70      |         | ppb   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.07    | 0.06       | 12.79   | ppb   |
| Lead       | 207-1 | 0.02    | 0.04    | 0.06    | 0.04       | 39.20   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.06    | 0.05       | 12.38   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 2.26    | 1.52    | 2.73    | 2.17       | 28.01   | ppb   |
| Manganese  | 55-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:06:16 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.02    | 0.07    | 0.00    | 0.03       | 132.77   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.04    | 0.02    | 0.04       | 45.30    | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.05    | 0.04    | 0.06       | 35.05    | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.04    | 0.03    | 0.04       | 39.31    | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.04    | 0.03    | 0.04       | 28.48    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.02    | 0.03    | 0.01    | 0.02       | 32.24    | ppb   |
| Phosphorus | 31-2  | -1.30   | -18.08  | -3.21   | -7.53      |          | ppb   |
| Potassium  | 39-2  | 8.20    | 5.62    | 5.78    | 6.53       | 22.09    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |          | %     |
| Rhodium    | 103-2 |         |         |         | 96         |          | %     |
| Scandium   | 45-1  |         |         |         | 100        |          | %     |
| Scandium   | 45-2  |         |         |         | 93         |          | %     |
| Selenium   | 77-2  | -0.70   | -0.70   | -0.70   | -0.70      |          | ppb   |
| Selenium   | 78-2  | -0.92   | -1.91   | -1.54   | -1.46      |          | ppb   |
| Selenium   | 82-1  | 0.04    | -0.26   | 0.16    | -0.02      |          | ppb   |
| Silicon    | 28-1  | -14.43  | -13.85  | -11.99  | -13.42     |          | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.02       | 49.70    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.08    | ppb   |
| Sodium     | 23-2  | 39.12   | 37.00   | 37.79   | 37.97      | 2.83     | ppb   |
| Strontium  | 86-1  | 0.03    | -0.09   | -0.03   | -0.03      |          | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 520.91   | ppb   |
| Sulfur     | 34-1  | -896.42 | -728.49 | -665.45 | -763.45    |          | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |          | %     |
| Terbium    | 159-2 |         |         |         | 99         |          | %     |
| Thallium   | 203-1 | 0.03    | 0.04    | 0.05    | 0.04       | 18.49    | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.03    | 0.03       | 8.41     | ppb   |
| Tin        | 118-1 | 0.00    | -0.04   | -0.03   | -0.02      |          | ppb   |
| Titanium   | 47-1  | 0.02    | 0.02    | 0.01    | 0.02       | 44.46    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 221.44   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 332.79   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |          | %     |
| Yttrium    | 89-2  |         |         |         | 94         |          | %     |
| Zinc       | 66-2  | -0.06   | 0.07    | -0.06   | -0.02      |          | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 16875.11 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:06:16 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.01       | 121.16  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:09:50 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 35.47   | 34.58   | 33.03   | 34.36      | 3.60    | ppb   |
| Antimony   | 121-1 | 3.77    | 3.70    | 3.78    | 3.75       | 1.18    | ppb   |
| Arsenic    | 75-2  | 1.91    | 1.65    | 1.79    | 1.79       | 7.19    | ppb   |
| Barium     | 135-1 | 17.55   | 17.88   | 17.75   | 17.73      | 0.95    | ppb   |
| Barium     | 137-1 | 17.68   | 17.99   | 17.75   | 17.80      | 0.93    | ppb   |
| Beryllium  | 9-1   | 1.90    | 1.82    | 1.93    | 1.88       | 2.88    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 20.28   | 20.82   | 20.95   | 20.69      | 1.72    | ppb   |
| Boron      | 11-1  | 19.49   | 20.91   | 19.86   | 20.09      | 3.68    | ppb   |
| Cadmium    | 111-1 | 0.35    | 0.45    | 0.33    | 0.38       | 17.25   | ppb   |
| Cadmium    | 106-1 | -0.72   | 0.00    | -2.36   | -1.03      |         | ppb   |
| Cadmium    | 108-1 | 0.63    | 0.83    | 0.69    | 0.72       | 13.67   | ppb   |
| Calcium    | 43-1  | 848.88  | 894.84  | 897.04  | 880.25     | 3.09    | ppb   |
| Calcium    | 44-1  | 867.64  | 876.88  | 879.34  | 874.62     | 0.71    | ppb   |
| Chromium   | 52-2  | 3.49    | 3.45    | 3.55    | 3.50       | 1.52    | ppb   |
| Cobalt     | 59-2  | 1.81    | 1.79    | 1.90    | 1.83       | 3.15    | ppb   |
| Copper     | 63-2  | 3.82    | 3.80    | 3.70    | 3.77       | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 638.54  | 625.55  | 641.03  | 635.04     | 1.31    | ppb   |
| Iron       | 57-2  | 647.66  | 635.38  | 646.04  | 643.03     | 1.04    | ppb   |
| Lead       | 206-1 | 1.70    | 1.80    | 1.81    | 1.77       | 3.34    | ppb   |
| Lead       | 207-1 | 1.71    | 1.81    | 1.79    | 1.77       | 3.08    | ppb   |
| Lead       | 208-1 | 1.74    | 1.78    | 1.79    | 1.77       | 1.46    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 960.53  | 916.39  | 925.22  | 934.04     | 2.50    | ppb   |
| Manganese  | 55-2  | 1.70    | 1.76    | 1.75    | 1.74       | 1.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:09:50 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 8.72    | 8.76    | 8.67    | 8.72       | 0.53    | ppb   |
| Molybdenum | 95-1  | 8.49    | 8.53    | 8.71    | 8.58       | 1.37    | ppb   |
| Molybdenum | 96-1  | 8.68    | 8.53    | 8.49    | 8.57       | 1.18    | ppb   |
| Molybdenum | 97-1  | 8.38    | 8.15    | 8.57    | 8.37       | 2.47    | ppb   |
| Molybdenum | 98-1  | 8.48    | 8.36    | 8.37    | 8.40       | 0.84    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.87    | 2.08    | 1.99    | 1.98       | 5.31    | ppb   |
| Phosphorus | 31-2  | 76.58   | 91.41   | 86.10   | 84.69      | 8.87    | ppb   |
| Potassium  | 39-2  | 936.19  | 907.31  | 922.94  | 922.15     | 1.57    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 7.56    | 7.93    | 6.94    | 7.48       | 6.69    | ppb   |
| Selenium   | 78-2  | 8.77    | 9.97    | 7.23    | 8.66       | 15.88   | ppb   |
| Selenium   | 82-1  | 9.31    | 8.76    | 9.33    | 9.13       | 3.56    | ppb   |
| Silicon    | 28-1  | 6.15    | 10.50   | 8.64    | 8.43       | 25.86   | ppb   |
| Silver     | 109-1 | 1.95    | 1.95    | 2.01    | 1.97       | 1.62    | ppb   |
| Silver     | 107-1 | 1.94    | 1.92    | 1.92    | 1.93       | 0.53    | ppb   |
| Sodium     | 23-2  | 980.85  | 960.85  | 959.75  | 967.15     | 1.23    | ppb   |
| Strontium  | 86-1  | 1.89    | 1.69    | 1.89    | 1.83       | 6.32    | ppb   |
| Strontium  | 88-1  | 1.89    | 1.79    | 1.88    | 1.85       | 2.85    | ppb   |
| Sulfur     | 34-1  | -530.88 | -657.46 | -482.77 | -557.04    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 1.83    | 1.71    | 1.72    | 1.75       | 3.67    | ppb   |
| Thallium   | 205-1 | 1.76    | 1.70    | 1.76    | 1.74       | 2.01    | ppb   |
| Tin        | 118-1 | 8.92    | 8.94    | 8.86    | 8.91       | 0.48    | ppb   |
| Titanium   | 47-1  | 8.79    | 8.51    | 8.92    | 8.74       | 2.40    | ppb   |
| Uranium    | 238-1 | 1.72    | 1.74    | 1.64    | 1.70       | 3.00    | ppb   |
| Vanadium   | 51-2  | 8.82    | 8.61    | 8.59    | 8.67       | 1.52    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 3.84    | 3.43    | 3.96    | 3.75       | 7.41    | ppb   |
| Zirconium  | 90-1  | 1.80    | 1.84    | 1.78    | 1.81       | 1.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:09:50 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.83    | 1.73    | 1.83    | 1.80       | 3.07    | ppb   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : PB109305BL Instrumnet Name : P7  
 Client Sample ID : PBW007 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 13:13:23 DataFile Name : 021CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.59    | 0.48    | 1.18    | 0.75       | 50.87   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.04    | 0.04       | 12.16   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.01   | 0.00       | 1257.35 | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.15   | ppb   |
| Barium     | 137-1 | 0.01    | 0.02    | 0.00    | 0.01       | 68.20   | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.06    | 0.07    | 0.07       | 21.64   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 2.16    | 2.36    | 2.26    | 2.26       | 4.44    | ppb   |
| Boron      | 11-1  | 2.41    | 2.26    | 2.10    | 2.25       | 6.93    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.12   | -0.10   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.23   | -2.77   | -2.28   | -2.09      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.05   | 0.05    | 0.00       |         | ppb   |
| Calcium    | 43-1  | -2.14   | -1.80   | -5.06   | -3.00      |         | ppb   |
| Calcium    | 44-1  | -4.61   | -4.76   | -3.20   | -4.19      |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.05    | 0.04    | 0.04       | 11.23   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.01       | 108.97  | ppb   |
| Copper     | 63-2  | 0.04    | 0.00    | -0.02   | 0.01       | 372.70  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.26    | 0.19    | 0.18    | 0.21       | 21.47   | ppb   |
| Iron       | 57-2  | -0.44   | 0.41    | 0.14    | 0.04       | 1167.29 | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.02    | 0.03       | 24.49   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.02    | 0.03       | 31.27   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.56    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1.10    | 1.58    | 1.52    | 1.40       | 18.88   | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:13:23 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.01   | 0.03    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.01    | 0.01       | 30.74   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.00       | 229.45  | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | 847.43  | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.02    | 0.01       | 66.29   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.01    | 0.00    | 0.01       | 106.31  | ppb   |
| Phosphorus | 31-2  | 3.77    | 5.32    | -4.15   | 1.65       | 308.01  | ppb   |
| Potassium  | 39-2  | 1.91    | 4.25    | -2.52   | 1.21       | 283.39  | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | -0.70   | -0.15   | -0.70   | -0.51      |         | ppb   |
| Selenium   | 78-2  | -0.44   | -1.23   | -1.32   | -0.99      |         | ppb   |
| Selenium   | 82-1  | 0.10    | -0.10   | 0.33    | 0.11       | 191.41  | ppb   |
| Silicon    | 28-1  | -11.30  | -12.17  | -12.52  | -12.00     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.00    | 0.01       | 73.86   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 45.37   | ppb   |
| Sodium     | 23-2  | 29.89   | 29.64   | 30.23   | 29.92      | 0.97    | ppb   |
| Strontium  | 86-1  | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 95.15   | ppb   |
| Sulfur     | 34-1  | -695.53 | -833.57 | -829.15 | -786.08    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 22.10   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.02       | 18.24   | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.06    | 0.01    | 0.05    | 0.04       | 59.30   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 178.01  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | -0.07   | 0.00    | 0.06    | 0.00       |         | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:13:23 | DataFile Name :   | 021CCBE.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:16:57 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 36.53   | 35.60   | 34.98   | 35.70      | 2.17    | ppb   |
| Antimony   | 121-1 | 3.67    | 3.72    | 3.53    | 3.64       | 2.69    | ppb   |
| Arsenic    | 75-2  | 1.78    | 1.66    | 2.02    | 1.82       | 10.29   | ppb   |
| Barium     | 135-1 | 17.44   | 17.31   | 17.44   | 17.39      | 0.44    | ppb   |
| Barium     | 137-1 | 17.89   | 17.85   | 18.00   | 17.92      | 0.45    | ppb   |
| Beryllium  | 9-1   | 1.84    | 1.85    | 1.79    | 1.83       | 1.76    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 19.15   | 18.26   | 18.44   | 18.62      | 2.52    | ppb   |
| Boron      | 11-1  | 19.01   | 19.53   | 19.35   | 19.30      | 1.37    | ppb   |
| Cadmium    | 111-1 | 0.49    | 0.32    | 0.33    | 0.38       | 24.18   | ppb   |
| Cadmium    | 106-1 | -0.34   | -1.79   | -1.70   | -1.28      |         | ppb   |
| Cadmium    | 108-1 | 0.38    | 0.79    | 0.47    | 0.55       | 39.67   | ppb   |
| Calcium    | 43-1  | 853.51  | 888.16  | 866.29  | 869.32     | 2.02    | ppb   |
| Calcium    | 44-1  | 854.15  | 862.67  | 850.54  | 855.79     | 0.73    | ppb   |
| Chromium   | 52-2  | 3.54    | 3.47    | 3.61    | 3.54       | 1.99    | ppb   |
| Cobalt     | 59-2  | 1.81    | 1.81    | 1.84    | 1.82       | 0.89    | ppb   |
| Copper     | 63-2  | 3.59    | 3.59    | 3.74    | 3.64       | 2.40    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 628.17  | 627.35  | 626.33  | 627.28     | 0.15    | ppb   |
| Iron       | 57-2  | 634.98  | 634.95  | 641.95  | 637.29     | 0.63    | ppb   |
| Lead       | 206-1 | 1.78    | 1.75    | 1.69    | 1.74       | 2.59    | ppb   |
| Lead       | 207-1 | 1.73    | 1.75    | 1.75    | 1.74       | 0.62    | ppb   |
| Lead       | 208-1 | 1.73    | 1.73    | 1.72    | 1.73       | 0.43    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 933.55  | 935.55  | 931.48  | 933.53     | 0.22    | ppb   |
| Manganese  | 55-2  | 1.83    | 1.75    | 1.75    | 1.78       | 2.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:16:57 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 8.64    | 8.42    | 8.70    | 8.59       | 1.70    | ppb   |
| Molybdenum | 95-1  | 8.41    | 8.11    | 8.08    | 8.20       | 2.22    | ppb   |
| Molybdenum | 96-1  | 8.41    | 8.62    | 8.37    | 8.47       | 1.59    | ppb   |
| Molybdenum | 97-1  | 8.31    | 8.57    | 8.21    | 8.36       | 2.21    | ppb   |
| Molybdenum | 98-1  | 8.25    | 8.36    | 8.20    | 8.27       | 1.04    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.93    | 1.89    | 1.85    | 1.89       | 2.20    | ppb   |
| Phosphorus | 31-2  | 106.56  | 118.23  | 123.10  | 115.96     | 7.33    | ppb   |
| Potassium  | 39-2  | 923.92  | 929.20  | 925.51  | 926.21     | 0.29    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 7.94    | 11.05   | 6.89    | 8.63       | 25.09   | ppb   |
| Selenium   | 78-2  | 8.08    | 8.54    | 10.31   | 8.98       | 13.11   | ppb   |
| Selenium   | 82-1  | 9.98    | 9.56    | 8.53    | 9.36       | 7.98    | ppb   |
| Silicon    | 28-1  | 9.49    | 9.92    | 11.22   | 10.21      | 8.80    | ppb   |
| Silver     | 109-1 | 1.98    | 1.88    | 1.93    | 1.93       | 2.36    | ppb   |
| Silver     | 107-1 | 1.91    | 1.87    | 1.94    | 1.91       | 1.80    | ppb   |
| Sodium     | 23-2  | 952.39  | 947.06  | 951.68  | 950.38     | 0.30    | ppb   |
| Strontium  | 86-1  | 1.72    | 1.85    | 1.85    | 1.81       | 4.15    | ppb   |
| Strontium  | 88-1  | 1.85    | 1.81    | 1.78    | 1.81       | 1.97    | ppb   |
| Sulfur     | 34-1  | -573.00 | -467.41 | -453.65 | -498.02    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 1.80    | 1.80    | 1.74    | 1.78       | 2.02    | ppb   |
| Thallium   | 205-1 | 1.73    | 1.72    | 1.74    | 1.73       | 0.65    | ppb   |
| Tin        | 118-1 | 8.82    | 8.79    | 8.96    | 8.86       | 1.04    | ppb   |
| Titanium   | 47-1  | 8.97    | 8.68    | 8.84    | 8.83       | 1.65    | ppb   |
| Uranium    | 238-1 | 1.65    | 1.67    | 1.66    | 1.66       | 0.74    | ppb   |
| Vanadium   | 51-2  | 8.68    | 8.53    | 8.79    | 8.66       | 1.53    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 3.80    | 3.64    | 3.56    | 3.67       | 3.31    | ppb   |
| Zirconium  | 90-1  | 1.72    | 1.75    | 1.78    | 1.75       | 1.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:16:57 | DataFile Name :   | 022LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.72    | 1.83    | 1.66    | 1.74       | 5.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:20:30 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.39    | 0.99    | 0.57    | 0.65       | 47.76   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.03    | 0.02       | 32.09   | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.01    | 0.00       | 495.29  | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.00    | 0.00       | 160.94  | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.03    | 0.05    | 0.04       | 23.24   | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 2.02    | 1.74    | 1.49    | 1.75       | 15.09   | ppb   |
| Boron      | 11-1  | 1.66    | 1.50    | 1.47    | 1.54       | 6.59    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.06   | -0.11   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -3.40   | -1.36   | -2.61   | -2.46      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.06    | 0.02       | 152.08  | ppb   |
| Calcium    | 43-1  | -2.34   | -2.69   | -3.44   | -2.82      |         | ppb   |
| Calcium    | 44-1  | -4.68   | -4.56   | -4.45   | -4.56      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.05    | 0.02    | 0.04       | 31.74   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 123.52  | ppb   |
| Copper     | 63-2  | 0.03    | -0.01   | 0.02    | 0.01       | 153.80  | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.00    | -0.02   | -0.04   | -0.02      |         | ppb   |
| Iron       | 57-2  | -0.82   | -0.47   | -0.70   | -0.66      |         | ppb   |
| Lead       | 206-1 | 0.02    | 0.02    | 0.02    | 0.02       | 3.63    | ppb   |
| Lead       | 207-1 | 0.03    | 0.01    | 0.02    | 0.02       | 52.46   | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.02    | 0.02       | 29.39   | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 1.37    | 0.80    | 1.02    | 1.06       | 26.74   | ppb   |
| Manganese  | 55-2  | -0.02   | -0.04   | -0.01   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:20:30 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.02    | 0.01    | 0.01       | 212.95  | ppb   |
| Molybdenum | 97-1  | 0.03    | -0.01   | -0.02   | 0.00       | 1799.08 | ppb   |
| Molybdenum | 98-1  | 0.01    | -0.01   | 0.01    | 0.00       | 203.96  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.05    | 0.01    | 0.02       | 144.91  | ppb   |
| Phosphorus | 31-2  | 2.42    | 5.41    | 22.83   | 10.22      | 107.87  | ppb   |
| Potassium  | 39-2  | 5.00    | 8.80    | 9.09    | 7.63       | 29.92   | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | -0.70   | 0.41    | -0.70   | -0.33      |         | ppb   |
| Selenium   | 78-2  | -0.28   | -0.39   | -0.47   | -0.38      |         | ppb   |
| Selenium   | 82-1  | -0.02   | 0.25    | -0.07   | 0.05       | 318.07  | ppb   |
| Silicon    | 28-1  | -7.20   | -7.49   | -7.30   | -7.33      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 67.88   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.01       | 68.40   | ppb   |
| Sodium     | 23-2  | 22.11   | 22.92   | 23.17   | 22.73      | 2.44    | ppb   |
| Strontium  | 86-1  | -0.07   | -0.01   | -0.01   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 275.86  | ppb   |
| Sulfur     | 34-1  | -390.79 | -289.36 | -295.79 | -325.31    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.01    | 0.02       | 33.79   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.01       | 25.66   | ppb   |
| Tin        | 118-1 | -0.03   | 0.10    | -0.03   | 0.01       | 600.18  | ppb   |
| Titanium   | 47-1  | 0.06    | 0.08    | 0.05    | 0.06       | 26.50   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 116.61  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 0.01    | -0.02   | 0.00    | 0.00       |         | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:20:30 | DataFile Name :   | 023CCBE.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:24:04 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 38.36   | 41.33   | 37.58   | 39.09      | 5.06    | ppb   |
| Antimony   | 121-1 | 4.07    | 3.87    | 3.91    | 3.95       | 2.78    | ppb   |
| Arsenic    | 75-2  | 2.04    | 2.06    | 2.11    | 2.07       | 1.91    | ppb   |
| Barium     | 135-1 | 19.34   | 19.51   | 18.79   | 19.22      | 1.95    | ppb   |
| Barium     | 137-1 | 19.41   | 19.54   | 19.34   | 19.43      | 0.52    | ppb   |
| Beryllium  | 9-1   | 2.00    | 2.02    | 2.02    | 2.01       | 0.40    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | 47.56   | 49.53   | 51.03   | 49.37      | 3.52    | ppb   |
| Boron      | 11-1  | 48.80   | 48.25   | 50.46   | 49.17      | 2.33    | ppb   |
| Cadmium    | 111-1 | 2.09    | 2.14    | 1.87    | 2.03       | 7.09    | ppb   |
| Cadmium    | 106-1 | 1.20    | 2.05    | 0.55    | 1.26       | 59.48   | ppb   |
| Cadmium    | 108-1 | 1.59    | 2.22    | 2.44    | 2.08       | 21.31   | ppb   |
| Calcium    | 43-1  | 900.53  | 936.14  | 943.26  | 926.64     | 2.47    | ppb   |
| Calcium    | 44-1  | 914.19  | 905.84  | 905.82  | 908.62     | 0.53    | ppb   |
| Chromium   | 52-2  | 4.08    | 4.11    | 3.99    | 4.06       | 1.51    | ppb   |
| Cobalt     | 59-2  | 1.89    | 1.95    | 1.93    | 1.92       | 1.66    | ppb   |
| Copper     | 63-2  | 3.85    | 3.96    | 4.11    | 3.97       | 3.29    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 379.18  | 382.07  | 380.03  | 380.42     | 0.39    | ppb   |
| Iron       | 57-2  | 387.75  | 377.75  | 381.52  | 382.34     | 1.32    | ppb   |
| Lead       | 206-1 | 1.94    | 1.86    | 1.87    | 1.89       | 2.38    | ppb   |
| Lead       | 207-1 | 1.85    | 1.89    | 1.85    | 1.86       | 1.14    | ppb   |
| Lead       | 208-1 | 1.88    | 1.87    | 1.87    | 1.87       | 0.40    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 987.19  | 989.59  | 982.00  | 986.26     | 0.39    | ppb   |
| Manganese  | 55-2  | 2.05    | 1.99    | 1.99    | 2.01       | 1.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:24:04 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 9.27    | 9.41    | 9.76    | 9.48       | 2.68    | ppb   |
| Molybdenum | 95-1  | 9.29    | 9.20    | 9.60    | 9.36       | 2.21    | ppb   |
| Molybdenum | 96-1  | 9.13    | 9.22    | 9.51    | 9.29       | 2.14    | ppb   |
| Molybdenum | 97-1  | 8.98    | 9.40    | 9.02    | 9.13       | 2.53    | ppb   |
| Molybdenum | 98-1  | 9.06    | 9.21    | 9.25    | 9.17       | 1.09    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.17    | 2.04    | 2.07    | 2.09       | 3.25    | ppb   |
| Phosphorus | 31-2  | -17.39  | 14.74   | -2.90   | -1.85      |         | ppb   |
| Potassium  | 39-2  | 993.78  | 999.43  | 993.55  | 995.59     | 0.33    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 10.20   | 12.41   | 7.97    | 10.19      | 21.81   | ppb   |
| Selenium   | 78-2  | 10.40   | 8.31    | 9.16    | 9.29       | 11.29   | ppb   |
| Selenium   | 82-1  | 9.40    | 9.60    | 9.09    | 9.36       | 2.75    | ppb   |
| Silicon    | 28-1  | 23.91   | 25.44   | 24.78   | 24.71      | 3.10    | ppb   |
| Silver     | 109-1 | 2.14    | 2.18    | 2.15    | 2.16       | 0.87    | ppb   |
| Silver     | 107-1 | 2.06    | 2.13    | 2.03    | 2.08       | 2.48    | ppb   |
| Sodium     | 23-2  | 1011.72 | 1014.97 | 1009.21 | 1011.97    | 0.29    | ppb   |
| Strontium  | 86-1  | 1.82    | 1.77    | 1.85    | 1.81       | 2.14    | ppb   |
| Strontium  | 88-1  | 1.90    | 1.95    | 1.93    | 1.93       | 1.38    | ppb   |
| Sulfur     | 34-1  | -606.29 | -440.08 | -338.88 | -461.75    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 1.88    | 1.82    | 1.85    | 1.85       | 1.78    | ppb   |
| Thallium   | 205-1 | 1.85    | 1.79    | 1.86    | 1.83       | 2.19    | ppb   |
| Tin        | 118-1 | 10.04   | 9.83    | 9.58    | 9.81       | 2.33    | ppb   |
| Titanium   | 47-1  | 9.66    | 9.71    | 9.28    | 9.55       | 2.45    | ppb   |
| Uranium    | 238-1 | 1.72    | 1.71    | 1.78    | 1.74       | 2.13    | ppb   |
| Vanadium   | 51-2  | 9.11    | 9.08    | 9.36    | 9.19       | 1.66    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 3.97    | 4.35    | 3.81    | 4.05       | 6.87    | ppb   |
| Zirconium  | 90-1  | 1.94    | 1.91    | 1.91    | 1.92       | 0.74    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:24:04 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.82    | 1.98    | 1.99    | 1.93       | 4.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:29:09 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 23.58    | 32.02    | 25.71    | 27.10      | 16.19   | ppb   |
| Antimony   | 121-1 | 1.39     | 1.31     | 1.33     | 1.34       | 3.16    | ppb   |
| Arsenic    | 75-2  | 0.54     | 0.54     | 0.48     | 0.52       | 7.35    | ppb   |
| Barium     | 135-1 | 37.35    | 37.76    | 37.05    | 37.39      | 0.95    | ppb   |
| Barium     | 137-1 | 37.52    | 37.63    | 37.92    | 37.69      | 0.56    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.04     | 0.04     | 0.04       | 11.12   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 13.93    | 16.41    | 16.72    | 15.69      | 9.75    | ppb   |
| Boron      | 11-1  | 15.29    | 15.33    | 15.68    | 15.43      | 1.42    | ppb   |
| Cadmium    | 111-1 | 2.66     | 2.68     | 2.65     | 2.66       | 0.61    | ppb   |
| Cadmium    | 106-1 | -0.22    | 0.12     | 0.90     | 0.27       | 214.19  | ppb   |
| Cadmium    | 108-1 | 3.03     | 2.37     | 2.72     | 2.70       | 12.23   | ppb   |
| Calcium    | 43-1  | 10584.11 | 10581.87 | 10479.96 | 10548.65   | 0.56    | ppb   |
| Calcium    | 44-1  | 10700.79 | 10752.08 | 10727.80 | 10726.89   | 0.24    | ppb   |
| Chromium   | 52-2  | 0.19     | 0.25     | 0.23     | 0.22       | 13.52   | ppb   |
| Cobalt     | 59-2  | 0.42     | 0.44     | 0.41     | 0.42       | 3.26    | ppb   |
| Copper     | 63-2  | 2.58     | 2.49     | 2.58     | 2.55       | 2.06    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 115        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 90.18    | 90.38    | 88.43    | 89.66      | 1.20    | ppb   |
| Iron       | 57-2  | 111.22   | 107.33   | 105.09   | 107.88     | 2.87    | ppb   |
| Lead       | 206-1 | 8.14     | 8.11     | 8.22     | 8.16       | 0.72    | ppb   |
| Lead       | 207-1 | 8.40     | 8.31     | 8.25     | 8.32       | 0.91    | ppb   |
| Lead       | 208-1 | 8.27     | 8.21     | 8.25     | 8.24       | 0.38    | ppb   |
| Lithium    | 6-1   |          |          |          | 114        |         | %     |
| Magnesium  | 24-2  | 3230.81  | 3222.14  | 3189.76  | 3214.23    | 0.67    | ppb   |
| Manganese  | 55-2  | 82.32    | 82.75    | 82.03    | 82.37      | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:29:09 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.28    | 0.31    | 0.25    | 0.28       | 10.47   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.10    | 0.07    | 0.09       | 20.88   | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.08    | 0.12    | 0.11       | 26.70   | ppb   |
| Molybdenum | 97-1  | 0.09    | 0.06    | 0.07    | 0.07       | 20.12   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.10    | 0.10    | 0.10       | 8.35    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.90    | 1.81    | 1.94    | 1.88       | 3.65    | ppb   |
| Phosphorus | 31-2  | -4.97   | 9.99    | -19.73  | -4.90      |         | ppb   |
| Potassium  | 39-2  | 1761.64 | 1763.87 | 1748.32 | 1757.95    | 0.48    | ppb   |
| Rhodium    | 103-1 |         |         |         | 109        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | -0.17   | -0.17   | -0.17   | -0.17      |         | ppb   |
| Selenium   | 78-2  | -0.67   | -1.77   | -1.44   | -1.29      |         | ppb   |
| Selenium   | 82-1  | 1.27    | 0.74    | -0.18   | 0.61       | 120.18  | ppb   |
| Silicon    | 28-1  | 9356.42 | 9418.51 | 9393.54 | 9389.49    | 0.33    | ppb   |
| Silver     | 109-1 | 0.39    | 0.46    | 0.50    | 0.45       | 12.51   | ppb   |
| Silver     | 107-1 | 0.43    | 0.45    | 0.44    | 0.44       | 1.79    | ppb   |
| Sodium     | 23-2  | 2734.86 | 2753.69 | 2700.48 | 2729.68    | 0.99    | ppb   |
| Strontium  | 86-1  | 55.10   | 54.31   | 53.70   | 54.37      | 1.29    | ppb   |
| Strontium  | 88-1  | 54.76   | 54.52   | 54.63   | 54.64      | 0.22    | ppb   |
| Sulfur     | 34-1  | 5472.23 | 5027.32 | 4514.11 | 5004.55    | 9.58    | ppb   |
| Terbium    | 159-1 |         |         |         | 113        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.21    | 0.20    | 0.22    | 0.21       | 4.00    | ppb   |
| Thallium   | 205-1 | 0.19    | 0.19    | 0.19    | 0.19       | 1.36    | ppb   |
| Tin        | 118-1 | 0.13    | 0.10    | 0.08    | 0.10       | 23.97   | ppb   |
| Titanium   | 47-1  | 1.35    | 1.32    | 1.73    | 1.47       | 15.46   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.62   | ppb   |
| Vanadium   | 51-2  | 0.38    | 0.43    | 0.39    | 0.40       | 6.23    | ppb   |
| Yttrium    | 89-1  |         |         |         | 111        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 619.03  | 626.86  | 612.49  | 619.46     | 1.16    | ppb   |
| Zirconium  | 90-1  | 0.18    | 0.15    | 0.18    | 0.17       | 7.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:29:09 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.12    | 0.16    | 0.23    | 0.17       | 31.45   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:32:43 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 32.88    | 29.45    | 33.09    | 31.81      | 6.42    | ppb   |
| Antimony   | 121-1 | 0.48     | 0.43     | 0.49     | 0.47       | 7.43    | ppb   |
| Arsenic    | 75-2  | 0.60     | 0.62     | 0.54     | 0.59       | 7.80    | ppb   |
| Barium     | 135-1 | 29.58    | 30.53    | 29.96    | 30.02      | 1.58    | ppb   |
| Barium     | 137-1 | 30.47    | 30.07    | 30.63    | 30.39      | 0.96    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.01     | 0.03     | 0.04       | 76.66   | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 6.27     | 5.59     | 7.43     | 6.43       | 14.44   | ppb   |
| Boron      | 11-1  | 6.30     | 6.85     | 6.77     | 6.64       | 4.44    | ppb   |
| Cadmium    | 111-1 | 0.28     | 0.20     | 0.24     | 0.24       | 17.10   | ppb   |
| Cadmium    | 106-1 | -1.48    | -1.95    | -1.44    | -1.62      |         | ppb   |
| Cadmium    | 108-1 | 0.25     | 0.23     | 0.32     | 0.27       | 18.35   | ppb   |
| Calcium    | 43-1  | 78421.77 | 78449.88 | 78895.65 | 78589.10   | 0.34    | ppb   |
| Calcium    | 44-1  | 78722.14 | 79077.35 | 79118.06 | 78972.52   | 0.28    | ppb   |
| Chromium   | 52-2  | 0.07     | 0.11     | 0.10     | 0.09       | 23.08   | ppb   |
| Cobalt     | 59-2  | 0.55     | 0.58     | 0.57     | 0.56       | 1.87    | ppb   |
| Copper     | 63-2  | 1.69     | 1.79     | 1.73     | 1.74       | 2.93    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 24.37    | 24.24    | 24.37    | 24.33      | 0.31    | ppb   |
| Iron       | 57-2  | 147.52   | 150.97   | 150.51   | 149.67     | 1.25    | ppb   |
| Lead       | 206-1 | 0.62     | 0.60     | 0.59     | 0.60       | 2.99    | ppb   |
| Lead       | 207-1 | 0.64     | 0.61     | 0.61     | 0.62       | 2.99    | ppb   |
| Lead       | 208-1 | 0.63     | 0.60     | 0.63     | 0.62       | 2.82    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 14026.11 | 13975.98 | 13891.58 | 13964.56   | 0.49    | ppb   |
| Manganese  | 55-2  | 230.19   | 228.74   | 230.20   | 229.71     | 0.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:32:43 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10     | 0.06     | 0.07     | 0.08       | 28.99   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.11     | 0.07     | 0.08       | 33.61   | ppb   |
| Molybdenum | 96-1  | 0.09     | 0.08     | 0.08     | 0.08       | 5.41    | ppb   |
| Molybdenum | 97-1  | 0.09     | 0.06     | 0.11     | 0.09       | 29.00   | ppb   |
| Molybdenum | 98-1  | 0.09     | 0.09     | 0.09     | 0.09       | 1.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.89     | 0.84     | 0.88     | 0.87       | 3.42    | ppb   |
| Phosphorus | 31-2  | -26.45   | -13.50   | -9.70    | -16.55     |         | ppb   |
| Potassium  | 39-2  | 3329.49  | 3328.01  | 3312.10  | 3323.20    | 0.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | -0.70    | -0.70    | -0.17    | -0.52      |         | ppb   |
| Selenium   | 78-2  | 0.03     | -1.05    | -1.76    | -0.93      |         | ppb   |
| Selenium   | 82-1  | -0.11    | 0.00     | -0.24    | -0.12      |         | ppb   |
| Silicon    | 28-1  | 7288.39  | 7297.63  | 7320.21  | 7302.08    | 0.22    | ppb   |
| Silver     | 109-1 | 0.30     | 0.34     | 0.32     | 0.32       | 6.21    | ppb   |
| Silver     | 107-1 | 0.36     | 0.35     | 0.37     | 0.36       | 3.25    | ppb   |
| Sodium     | 23-2  | 2324.91  | 2314.87  | 2308.97  | 2316.25    | 0.35    | ppb   |
| Strontium  | 86-1  | 166.44   | 166.58   | 165.86   | 166.30     | 0.23    | ppb   |
| Strontium  | 88-1  | 167.52   | 167.63   | 168.57   | 167.91     | 0.35    | ppb   |
| Sulfur     | 34-1  | 64097.47 | 64618.73 | 64550.52 | 64422.24   | 0.44    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.13     | 0.12     | 0.12       | 3.58    | ppb   |
| Thallium   | 205-1 | 0.12     | 0.15     | 0.13     | 0.13       | 12.28   | ppb   |
| Tin        | 118-1 | 0.10     | 0.10     | 0.10     | 0.10       | 2.35    | ppb   |
| Titanium   | 47-1  | 0.54     | 0.50     | 0.52     | 0.52       | 3.06    | ppb   |
| Uranium    | 238-1 | 0.16     | 0.15     | 0.16     | 0.16       | 3.10    | ppb   |
| Vanadium   | 51-2  | 0.14     | 0.11     | 0.12     | 0.12       | 12.65   | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 60.07    | 60.59    | 60.53    | 60.40      | 0.47    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.01       | 33.55   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:32:43 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.01    | 0.00    | 0.02       | 110.93  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:38:39 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29.54    | 28.66    | 28.33    | 28.85      | 2.17    | ppb   |
| Antimony   | 121-1 | 0.48     | 0.49     | 0.47     | 0.48       | 1.71    | ppb   |
| Arsenic    | 75-2  | 0.61     | 0.66     | 0.66     | 0.65       | 4.16    | ppb   |
| Barium     | 135-1 | 30.09    | 29.71    | 30.00    | 29.93      | 0.65    | ppb   |
| Barium     | 137-1 | 30.01    | 30.38    | 29.93    | 30.11      | 0.78    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.06     | 0.05     | 0.04       | 73.94   | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 5.28     | 7.26     | 6.33     | 6.29       | 15.73   | ppb   |
| Boron      | 11-1  | 5.84     | 5.94     | 6.09     | 5.96       | 2.11    | ppb   |
| Cadmium    | 111-1 | 0.22     | 0.26     | 0.25     | 0.24       | 10.31   | ppb   |
| Cadmium    | 106-1 | -2.20    | -0.82    | -1.84    | -1.62      |         | ppb   |
| Cadmium    | 108-1 | 0.16     | 0.29     | 0.41     | 0.29       | 43.35   | ppb   |
| Calcium    | 43-1  | 77034.02 | 76661.69 | 77233.14 | 76976.28   | 0.38    | ppb   |
| Calcium    | 44-1  | 77768.81 | 77621.63 | 78224.86 | 77871.77   | 0.40    | ppb   |
| Chromium   | 52-2  | 0.20     | 0.21     | 0.20     | 0.20       | 2.02    | ppb   |
| Cobalt     | 59-2  | 0.54     | 0.54     | 0.57     | 0.55       | 3.29    | ppb   |
| Copper     | 63-2  | 1.69     | 1.67     | 1.79     | 1.72       | 3.92    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 23.86    | 24.33    | 24.04    | 24.08      | 1.00    | ppb   |
| Iron       | 57-2  | 156.08   | 147.56   | 147.51   | 150.38     | 3.28    | ppb   |
| Lead       | 206-1 | 0.67     | 0.70     | 0.67     | 0.68       | 2.48    | ppb   |
| Lead       | 207-1 | 0.62     | 0.69     | 0.62     | 0.64       | 5.69    | ppb   |
| Lead       | 208-1 | 0.66     | 0.68     | 0.66     | 0.67       | 1.75    | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 13826.94 | 13800.22 | 13918.21 | 13848.46   | 0.45    | ppb   |
| Manganese  | 55-2  | 227.19   | 227.02   | 229.98   | 228.06     | 0.73    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:38:39 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08     | 0.08     | 0.08     | 0.08       | 0.96    | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.10     | 0.09     | 0.09       | 15.94   | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.08     | 0.10     | 0.09       | 10.83   | ppb   |
| Molybdenum | 97-1  | 0.10     | 0.13     | 0.10     | 0.11       | 14.73   | ppb   |
| Molybdenum | 98-1  | 0.09     | 0.08     | 0.08     | 0.08       | 9.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.87     | 1.03     | 0.83     | 0.91       | 11.90   | ppb   |
| Phosphorus | 31-2  | -13.52   | -20.94   | -4.34    | -12.93     |         | ppb   |
| Potassium  | 39-2  | 3297.54  | 3282.88  | 3298.48  | 3292.97    | 0.27    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 0.37     | -0.70    | 0.89     | 0.19       | 435.32  | ppb   |
| Selenium   | 78-2  | -0.80    | -1.51    | -0.32    | -0.88      |         | ppb   |
| Selenium   | 82-1  | 1.29     | -0.57    | 0.15     | 0.29       | 323.96  | ppb   |
| Silicon    | 28-1  | 7212.96  | 7198.47  | 7225.21  | 7212.22    | 0.19    | ppb   |
| Silver     | 109-1 | 0.33     | 0.32     | 0.32     | 0.32       | 1.87    | ppb   |
| Silver     | 107-1 | 0.26     | 0.30     | 0.31     | 0.29       | 8.81    | ppb   |
| Sodium     | 23-2  | 2305.76  | 2302.52  | 2311.44  | 2306.57    | 0.20    | ppb   |
| Strontium  | 86-1  | 163.93   | 162.94   | 163.85   | 163.57     | 0.34    | ppb   |
| Strontium  | 88-1  | 166.26   | 164.27   | 165.76   | 165.43     | 0.63    | ppb   |
| Sulfur     | 34-1  | 63617.48 | 63857.36 | 64044.89 | 63839.91   | 0.34    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.11     | 0.10     | 0.11       | 4.15    | ppb   |
| Thallium   | 205-1 | 0.10     | 0.10     | 0.11     | 0.10       | 5.05    | ppb   |
| Tin        | 118-1 | 0.13     | 0.10     | 0.16     | 0.13       | 21.16   | ppb   |
| Titanium   | 47-1  | 0.43     | 0.48     | 0.51     | 0.47       | 8.66    | ppb   |
| Uranium    | 238-1 | 0.16     | 0.16     | 0.16     | 0.16       | 2.19    | ppb   |
| Vanadium   | 51-2  | 0.15     | 0.15     | 0.12     | 0.14       | 13.74   | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 60.91    | 60.61    | 60.20    | 60.57      | 0.59    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 63.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:38:39 | DataFile Name :   | 027SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:42:12 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.96     | 6.98     | 5.89     | 6.28       | 9.70    | ppb   |
| Antimony   | 121-1 | 1.12     | 1.17     | 1.16     | 1.15       | 2.52    | ppb   |
| Arsenic    | 75-2  | 1.05     | 1.02     | 1.07     | 1.05       | 2.65    | ppb   |
| Barium     | 135-1 | 28.91    | 27.86    | 28.27    | 28.35      | 1.87    | ppb   |
| Barium     | 137-1 | 28.52    | 28.66    | 28.58    | 28.59      | 0.25    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.03     | 0.04     | 0.04       | 21.98   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 10.02    | 10.72    | 9.56     | 10.10      | 5.75    | ppb   |
| Boron      | 11-1  | 9.29     | 8.96     | 9.86     | 9.37       | 4.89    | ppb   |
| Cadmium    | 111-1 | 0.58     | 0.66     | 0.58     | 0.61       | 6.93    | ppb   |
| Cadmium    | 106-1 | -3.14    | -0.61    | -2.94    | -2.23      |         | ppb   |
| Cadmium    | 108-1 | 1.00     | 0.79     | 0.69     | 0.83       | 19.02   | ppb   |
| Calcium    | 43-1  | 49082.41 | 49633.41 | 49349.55 | 49355.12   | 0.56    | ppb   |
| Calcium    | 44-1  | 49623.88 | 50066.16 | 50051.79 | 49913.94   | 0.50    | ppb   |
| Chromium   | 52-2  | 0.20     | 0.19     | 0.21     | 0.20       | 4.31    | ppb   |
| Cobalt     | 59-2  | 0.97     | 0.96     | 0.99     | 0.97       | 1.75    | ppb   |
| Copper     | 63-2  | 2.22     | 2.37     | 2.38     | 2.32       | 4.01    | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 209.15   | 207.54   | 208.39   | 208.36     | 0.39    | ppb   |
| Iron       | 57-2  | 288.70   | 281.90   | 294.31   | 288.30     | 2.15    | ppb   |
| Lead       | 206-1 | 3.42     | 3.32     | 3.44     | 3.39       | 1.94    | ppb   |
| Lead       | 207-1 | 3.47     | 3.34     | 3.36     | 3.39       | 2.10    | ppb   |
| Lead       | 208-1 | 3.43     | 3.35     | 3.43     | 3.41       | 1.47    | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 9954.92  | 9948.18  | 9866.15  | 9923.08    | 0.50    | ppb   |
| Manganese  | 55-2  | 247.10   | 246.54   | 245.71   | 246.45     | 0.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:42:12 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21     | 0.23     | 0.23     | 0.22       | 5.26    | ppb   |
| Molybdenum | 95-1  | 0.09     | 0.14     | 0.16     | 0.13       | 24.98   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.16     | 0.20     | 0.18       | 10.03   | ppb   |
| Molybdenum | 97-1  | 0.14     | 0.15     | 0.12     | 0.14       | 9.98    | ppb   |
| Molybdenum | 98-1  | 0.16     | 0.12     | 0.16     | 0.15       | 18.27   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.80     | 2.96     | 3.08     | 2.95       | 4.73    | ppb   |
| Phosphorus | 31-2  | -7.05    | 7.79     | -9.42    | -2.90      |         | ppb   |
| Potassium  | 39-2  | 2861.73  | 2839.15  | 2801.60  | 2834.16    | 1.07    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | -0.15    | -0.70    | -0.16    | -0.34      |         | ppb   |
| Selenium   | 78-2  | -1.06    | -1.09    | -1.02    | -1.06      |         | ppb   |
| Selenium   | 82-1  | 0.76     | -0.03    | -0.14    | 0.20       | 251.65  | ppb   |
| Silicon    | 28-1  | 5634.49  | 5654.06  | 5634.02  | 5640.85    | 0.20    | ppb   |
| Silver     | 109-1 | 0.31     | 0.33     | 0.30     | 0.31       | 4.88    | ppb   |
| Silver     | 107-1 | 0.30     | 0.31     | 0.32     | 0.31       | 4.02    | ppb   |
| Sodium     | 23-2  | 2772.90  | 2770.55  | 2754.60  | 2766.02    | 0.36    | ppb   |
| Strontium  | 86-1  | 115.86   | 115.59   | 116.05   | 115.83     | 0.20    | ppb   |
| Strontium  | 88-1  | 115.92   | 115.63   | 116.54   | 116.03     | 0.40    | ppb   |
| Sulfur     | 34-1  | 36708.37 | 37057.61 | 37303.12 | 37023.03   | 0.81    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.06     | 0.06     | 0.06       | 4.31    | ppb   |
| Thallium   | 205-1 | 0.08     | 0.07     | 0.06     | 0.07       | 10.31   | ppb   |
| Tin        | 118-1 | 0.08     | 0.12     | 0.08     | 0.09       | 25.96   | ppb   |
| Titanium   | 47-1  | 0.69     | 0.63     | 0.48     | 0.60       | 17.67   | ppb   |
| Uranium    | 238-1 | 0.07     | 0.09     | 0.08     | 0.08       | 8.01    | ppb   |
| Vanadium   | 51-2  | 0.21     | 0.22     | 0.20     | 0.21       | 4.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 205.43   | 206.05   | 206.62   | 206.03     | 0.29    | ppb   |
| Zirconium  | 90-1  | 0.11     | 0.10     | 0.08     | 0.10       | 13.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:42:12 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.08    | 0.12    | 0.09       | 26.71   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:45:45 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.89     | 4.38     | 3.15     | 3.80       | 16.29   | ppb   |
| Antimony   | 121-1 | 1.23     | 1.36     | 1.32     | 1.30       | 5.30    | ppb   |
| Arsenic    | 75-2  | 0.58     | 0.58     | 0.61     | 0.59       | 3.05    | ppb   |
| Barium     | 135-1 | 36.71    | 36.69    | 36.63    | 36.68      | 0.12    | ppb   |
| Barium     | 137-1 | 36.85    | 37.28    | 37.06    | 37.06      | 0.58    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.04     | 0.02     | 0.03       | 41.24   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 15.51    | 16.97    | 15.70    | 16.06      | 4.92    | ppb   |
| Boron      | 11-1  | 15.77    | 15.54    | 16.20    | 15.84      | 2.11    | ppb   |
| Cadmium    | 111-1 | 0.57     | 0.48     | 0.48     | 0.51       | 10.20   | ppb   |
| Cadmium    | 106-1 | -2.12    | -4.67    | -4.31    | -3.70      |         | ppb   |
| Cadmium    | 108-1 | 1.01     | 0.74     | 0.80     | 0.85       | 16.92   | ppb   |
| Calcium    | 43-1  | 19730.06 | 19776.52 | 19798.61 | 19768.40   | 0.18    | ppb   |
| Calcium    | 44-1  | 20055.70 | 20066.13 | 19982.53 | 20034.78   | 0.23    | ppb   |
| Chromium   | 52-2  | 0.13     | 0.09     | 0.15     | 0.12       | 24.99   | ppb   |
| Cobalt     | 59-2  | 0.11     | 0.09     | 0.11     | 0.10       | 12.07   | ppb   |
| Copper     | 63-2  | 1.93     | 2.07     | 2.14     | 2.05       | 5.20    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 187.14   | 186.26   | 188.63   | 187.35     | 0.64    | ppb   |
| Iron       | 57-2  | 230.39   | 215.16   | 215.83   | 220.46     | 3.90    | ppb   |
| Lead       | 206-1 | 5.56     | 5.68     | 5.54     | 5.59       | 1.32    | ppb   |
| Lead       | 207-1 | 5.96     | 5.83     | 5.64     | 5.81       | 2.73    | ppb   |
| Lead       | 208-1 | 5.70     | 5.67     | 5.61     | 5.66       | 0.81    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 5446.43  | 5409.44  | 5491.60  | 5449.16    | 0.76    | ppb   |
| Manganese  | 55-2  | 56.57    | 56.01    | 56.58    | 56.38      | 0.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:45:45 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08     | 0.07     | 0.13     | 0.09       | 35.68   | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.12     | 0.13     | 0.12       | 8.63    | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.10     | 0.13     | 0.13       | 16.10   | ppb   |
| Molybdenum | 97-1  | 0.10     | 0.09     | 0.12     | 0.10       | 14.47   | ppb   |
| Molybdenum | 98-1  | 0.14     | 0.14     | 0.11     | 0.13       | 14.49   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.18     | 3.31     | 3.55     | 3.35       | 5.68    | ppb   |
| Phosphorus | 31-2  | -0.20    | -4.47    | 5.45     | 0.26       | 1904.97 | ppb   |
| Potassium  | 39-2  | 1729.11  | 1719.51  | 1748.93  | 1732.51    | 0.87    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | -0.14    | 0.93     | 0.40     | 0.39       | 135.92  | ppb   |
| Selenium   | 78-2  | -0.21    | -0.73    | -1.14    | -0.69      |         | ppb   |
| Selenium   | 82-1  | 0.12     | 0.73     | 0.05     | 0.30       | 124.09  | ppb   |
| Silicon    | 28-1  | 6892.41  | 6940.90  | 6882.69  | 6905.33    | 0.45    | ppb   |
| Silver     | 109-1 | 0.28     | 0.25     | 0.27     | 0.27       | 5.42    | ppb   |
| Silver     | 107-1 | 0.22     | 0.27     | 0.28     | 0.26       | 13.64   | ppb   |
| Sodium     | 23-2  | 3974.90  | 3890.67  | 3944.10  | 3936.56    | 1.08    | ppb   |
| Strontium  | 86-1  | 74.03    | 74.85    | 74.32    | 74.40      | 0.56    | ppb   |
| Strontium  | 88-1  | 75.14    | 74.99    | 74.80    | 74.97      | 0.23    | ppb   |
| Sulfur     | 34-1  | 13785.69 | 13821.48 | 13408.11 | 13671.76   | 1.68    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.05     | 0.03     | 0.04       | 24.40   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.05     | 0.04     | 0.04       | 22.78   | ppb   |
| Tin        | 118-1 | 0.09     | 0.08     | 0.08     | 0.08       | 5.81    | ppb   |
| Titanium   | 47-1  | 0.50     | 0.65     | 0.56     | 0.57       | 13.42   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 35.30   | ppb   |
| Vanadium   | 51-2  | 0.23     | 0.22     | 0.23     | 0.23       | 2.51    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 768.97   | 763.14   | 770.47   | 767.53     | 0.50    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.02     | 0.02       | 30.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:45:45 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.02    | 0.01       | 62.45   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:49:24 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.14     | 3.01     | 3.55     | 3.23       | 8.70    | ppb   |
| Antimony   | 121-1 | 1.28     | 1.33     | 1.27     | 1.29       | 2.40    | ppb   |
| Arsenic    | 75-2  | 0.65     | 0.66     | 0.53     | 0.61       | 12.23   | ppb   |
| Barium     | 135-1 | 36.55    | 36.39    | 36.09    | 36.34      | 0.65    | ppb   |
| Barium     | 137-1 | 36.95    | 36.86    | 36.81    | 36.88      | 0.19    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.03     | 0.02     | 0.03       | 9.71    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 15.15    | 17.54    | 15.49    | 16.06      | 8.07    | ppb   |
| Boron      | 11-1  | 15.69    | 16.12    | 15.98    | 15.93      | 1.36    | ppb   |
| Cadmium    | 111-1 | 0.68     | 0.64     | 0.68     | 0.67       | 3.51    | ppb   |
| Cadmium    | 106-1 | -1.80    | -2.47    | -1.83    | -2.03      |         | ppb   |
| Cadmium    | 108-1 | 1.33     | 0.89     | 0.67     | 0.96       | 34.97   | ppb   |
| Calcium    | 43-1  | 20168.20 | 20323.41 | 20125.76 | 20205.79   | 0.51    | ppb   |
| Calcium    | 44-1  | 20318.51 | 20487.37 | 20393.02 | 20399.64   | 0.41    | ppb   |
| Chromium   | 52-2  | 0.14     | 0.15     | 0.14     | 0.14       | 4.33    | ppb   |
| Cobalt     | 59-2  | 0.12     | 0.10     | 0.12     | 0.12       | 11.08   | ppb   |
| Copper     | 63-2  | 2.17     | 2.22     | 2.32     | 2.24       | 3.39    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 187.03   | 186.88   | 186.95   | 186.95     | 0.04    | ppb   |
| Iron       | 57-2  | 213.47   | 231.76   | 215.09   | 220.11     | 4.60    | ppb   |
| Lead       | 206-1 | 5.72     | 5.58     | 5.56     | 5.62       | 1.51    | ppb   |
| Lead       | 207-1 | 5.81     | 5.82     | 5.88     | 5.84       | 0.66    | ppb   |
| Lead       | 208-1 | 5.72     | 5.65     | 5.69     | 5.69       | 0.65    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 5429.24  | 5433.84  | 5449.88  | 5437.65    | 0.20    | ppb   |
| Manganese  | 55-2  | 56.11    | 55.67    | 56.47    | 56.08      | 0.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:49:24 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13     | 0.13     | 0.14     | 0.13       | 5.07    | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.14     | 0.11     | 0.13       | 12.99   | ppb   |
| Molybdenum | 96-1  | 0.12     | 0.13     | 0.11     | 0.12       | 6.07    | ppb   |
| Molybdenum | 97-1  | 0.17     | 0.13     | 0.13     | 0.14       | 17.93   | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.14     | 0.13     | 0.13       | 5.90    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.30     | 3.50     | 3.38     | 3.39       | 3.06    | ppb   |
| Phosphorus | 31-2  | -6.09    | 18.08    | -17.66   | -1.89      |         | ppb   |
| Potassium  | 39-2  | 1704.96  | 1728.39  | 1731.80  | 1721.72    | 0.85    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | -0.70    | -0.70    | -0.70    | -0.70      |         | ppb   |
| Selenium   | 78-2  | -1.10    | -1.24    | 0.08     | -0.75      |         | ppb   |
| Selenium   | 82-1  | 0.23     | 0.54     | 0.00     | 0.26       | 106.78  | ppb   |
| Silicon    | 28-1  | 6960.99  | 6977.75  | 6975.72  | 6971.49    | 0.13    | ppb   |
| Silver     | 109-1 | 0.22     | 0.26     | 0.21     | 0.23       | 11.14   | ppb   |
| Silver     | 107-1 | 0.21     | 0.22     | 0.24     | 0.22       | 5.02    | ppb   |
| Sodium     | 23-2  | 3936.19  | 3954.72  | 3960.59  | 3950.50    | 0.32    | ppb   |
| Strontium  | 86-1  | 75.90    | 74.50    | 74.42    | 74.94      | 1.11    | ppb   |
| Strontium  | 88-1  | 76.21    | 75.43    | 75.38    | 75.67      | 0.61    | ppb   |
| Sulfur     | 34-1  | 13605.49 | 13506.35 | 13601.16 | 13571.00   | 0.41    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.02     | 0.02     | 0.03       | 37.58   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.03     | 0.04       | 18.54   | ppb   |
| Tin        | 118-1 | 0.10     | 0.13     | 0.09     | 0.11       | 19.47   | ppb   |
| Titanium   | 47-1  | 0.60     | 0.59     | 1.33     | 0.84       | 50.87   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.25   | ppb   |
| Vanadium   | 51-2  | 0.25     | 0.26     | 0.29     | 0.27       | 7.96    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 769.09   | 771.40   | 771.76   | 770.75     | 0.19    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 21.53   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:49:24 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.04    | 0.03       | 68.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 13:52:57 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.13    | 0.70    | 0.02    | 0.28       | 128.73  | ppb   |
| Antimony   | 121-1 | 0.24    | 0.24    | 0.21    | 0.23       | 5.75    | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.11    | 0.13    | 0.12       | 13.49   | ppb   |
| Barium     | 135-1 | 7.06    | 6.96    | 6.98    | 7.00       | 0.77    | ppb   |
| Barium     | 137-1 | 6.81    | 6.97    | 6.94    | 6.91       | 1.22    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.03    | 0.01    | 0.02       | 69.66   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | 4.16    | 4.13    | 4.51    | 4.27       | 5.01    | ppb   |
| Boron      | 11-1  | 4.32    | 3.82    | 4.25    | 4.13       | 6.57    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.00    | -0.07   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -2.64   | -3.00   | -4.13   | -3.25      |         | ppb   |
| Cadmium    | 108-1 | 0.19    | -0.01   | 0.12    | 0.10       | 103.32  | ppb   |
| Calcium    | 43-1  | 3722.51 | 3789.80 | 3773.36 | 3761.89    | 0.93    | ppb   |
| Calcium    | 44-1  | 3754.79 | 3804.12 | 3744.26 | 3767.72    | 0.85    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.06    | 0.08    | 0.07       | 11.21   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.03    | 0.02    | 0.02       | 81.29   | ppb   |
| Copper     | 63-2  | 0.57    | 0.71    | 0.69    | 0.66       | 11.20   | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 90         |         | %     |
| Iron       | 56-2  | 35.57   | 35.97   | 35.82   | 35.79      | 0.57    | ppb   |
| Iron       | 57-2  | 39.32   | 42.83   | 43.68   | 41.95      | 5.51    | ppb   |
| Lead       | 206-1 | 1.04    | 1.06    | 1.05    | 1.05       | 0.95    | ppb   |
| Lead       | 207-1 | 1.14    | 1.12    | 1.10    | 1.12       | 1.41    | ppb   |
| Lead       | 208-1 | 1.07    | 1.08    | 1.10    | 1.08       | 1.56    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 1037.90 | 1043.91 | 1050.84 | 1044.22    | 0.62    | ppb   |
| Manganese  | 55-2  | 10.60   | 10.83   | 10.92   | 10.78      | 1.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 13:52:57 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.05    | 0.04    | 0.04       | 16.58   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.04    | 0.04    | 0.03       | 52.12   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.05    | 0.02    | 0.04       | 29.42   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.03    | 0.03       | 22.34   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.02    | 0.03       | 14.07   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.63    | 0.60    | 0.58    | 0.60       | 4.60    | ppb   |
| Phosphorus | 31-2  | -16.79  | -6.53   | -4.62   | -9.31      |         | ppb   |
| Potassium  | 39-2  | 322.24  | 322.65  | 327.88  | 324.26     | 0.97    | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Scandium   | 45-2  |         |         |         | 85         |         | %     |
| Selenium   | 77-2  | -0.70   | -0.11   | -0.70   | -0.50      |         | ppb   |
| Selenium   | 78-2  | 0.41    | -0.83   | -0.72   | -0.38      |         | ppb   |
| Selenium   | 82-1  | -0.23   | 0.14    | -0.24   | -0.11      |         | ppb   |
| Silicon    | 28-1  | 1291.14 | 1301.66 | 1297.76 | 1296.85    | 0.41    | ppb   |
| Silver     | 109-1 | 0.06    | 0.08    | 0.07    | 0.07       | 9.22    | ppb   |
| Silver     | 107-1 | 0.07    | 0.06    | 0.11    | 0.08       | 31.66   | ppb   |
| Sodium     | 23-2  | 777.96  | 768.12  | 771.21  | 772.43     | 0.65    | ppb   |
| Strontium  | 86-1  | 14.39   | 14.20   | 13.98   | 14.19      | 1.45    | ppb   |
| Strontium  | 88-1  | 14.27   | 14.23   | 14.21   | 14.23      | 0.21    | ppb   |
| Sulfur     | 34-1  | 680.77  | 744.51  | 722.84  | 716.04     | 4.53    | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.01       | 50.63   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.79   | ppb   |
| Tin        | 118-1 | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.14    | 0.06    | 0.05    | 0.08       | 58.06   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 54.53   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.08    | 0.07    | 0.07       | 4.60    | ppb   |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Yttrium    | 89-2  |         |         |         | 89         |         | %     |
| Zinc       | 66-2  | 146.69  | 142.75  | 144.64  | 144.70     | 1.36    | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 13:52:57 | DataFile Name :   | 031SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:56:30 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1919.85  | 1868.04  | 1891.56  | 1893.15    | 1.37    | ppb   |
| Antimony   | 121-1 | 101.35   | 101.25   | 99.27    | 100.63     | 1.16    | ppb   |
| Arsenic    | 75-2  | 42.92    | 40.92    | 40.15    | 41.33      | 3.46    | ppb   |
| Barium     | 135-1 | 2026.23  | 2009.07  | 1996.25  | 2010.52    | 0.75    | ppb   |
| Barium     | 137-1 | 2066.09  | 2052.32  | 2030.83  | 2049.75    | 0.87    | ppb   |
| Beryllium  | 9-1   | 47.43    | 47.25    | 47.16    | 47.28      | 0.30    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 13.55    | 15.82    | 15.04    | 14.80      | 7.80    | ppb   |
| Boron      | 11-1  | 15.51    | 14.79    | 15.72    | 15.34      | 3.20    | ppb   |
| Cadmium    | 111-1 | 52.62    | 52.18    | 51.83    | 52.21      | 0.76    | ppb   |
| Cadmium    | 106-1 | 38.14    | 39.99    | 36.27    | 38.14      | 4.88    | ppb   |
| Cadmium    | 108-1 | 45.16    | 45.41    | 44.94    | 45.17      | 0.53    | ppb   |
| Calcium    | 43-1  | 19830.85 | 19716.46 | 19777.39 | 19774.90   | 0.29    | ppb   |
| Calcium    | 44-1  | 20093.91 | 20077.81 | 20077.63 | 20083.11   | 0.05    | ppb   |
| Chromium   | 52-2  | 200.01   | 196.64   | 197.25   | 197.97     | 0.91    | ppb   |
| Cobalt     | 59-2  | 519.88   | 508.18   | 508.15   | 512.07     | 1.32    | ppb   |
| Copper     | 63-2  | 267.78   | 264.29   | 264.20   | 265.43     | 0.77    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 1265.55  | 1238.12  | 1238.15  | 1247.28    | 1.27    | ppb   |
| Iron       | 57-2  | 1300.62  | 1270.37  | 1278.37  | 1283.12    | 1.22    | ppb   |
| Lead       | 206-1 | 24.70    | 24.77    | 24.64    | 24.70      | 0.27    | ppb   |
| Lead       | 207-1 | 24.63    | 24.90    | 24.39    | 24.64      | 1.03    | ppb   |
| Lead       | 208-1 | 24.55    | 24.56    | 24.44    | 24.52      | 0.28    | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 5680.44  | 5535.04  | 5569.42  | 5594.97    | 1.36    | ppb   |
| Manganese  | 55-2  | 561.34   | 548.55   | 549.04   | 552.97     | 1.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:56:30 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.17     | 0.16     | 0.14     | 0.16       | 8.82    | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.12     | 0.19     | 0.16       | 24.78   | ppb   |
| Molybdenum | 96-1  | 0.19     | 0.18     | 0.21     | 0.19       | 6.43    | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.19     | 0.15     | 0.17       | 13.02   | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.18     | 0.22     | 0.19       | 11.10   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 527.74   | 518.60   | 517.18   | 521.17     | 1.10    | ppb   |
| Phosphorus | 31-2  | 19.52    | -11.41   | 23.99    | 10.70      | 180.17  | ppb   |
| Potassium  | 39-2  | 1795.76  | 1748.04  | 1764.95  | 1769.58    | 1.37    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 149.89   | 156.42   | 153.83   | 153.38     | 2.14    | ppb   |
| Selenium   | 78-2  | 156.13   | 141.68   | 146.90   | 148.23     | 4.94    | ppb   |
| Selenium   | 82-1  | 144.24   | 146.73   | 146.27   | 145.74     | 0.91    | ppb   |
| Silicon    | 28-1  | 6896.10  | 6861.97  | 6832.26  | 6863.44    | 0.47    | ppb   |
| Silver     | 109-1 | 51.19    | 50.94    | 50.85    | 50.99      | 0.35    | ppb   |
| Silver     | 107-1 | 51.15    | 50.57    | 49.95    | 50.56      | 1.18    | ppb   |
| Sodium     | 23-2  | 4094.13  | 3992.39  | 4018.73  | 4035.08    | 1.31    | ppb   |
| Strontium  | 86-1  | 74.30    | 74.73    | 74.28    | 74.43      | 0.34    | ppb   |
| Strontium  | 88-1  | 75.16    | 74.93    | 74.92    | 75.00      | 0.18    | ppb   |
| Sulfur     | 34-1  | 12985.18 | 12734.10 | 12447.79 | 12722.36   | 2.11    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 47.45    | 48.30    | 48.15    | 47.97      | 0.95    | ppb   |
| Thallium   | 205-1 | 47.94    | 48.50    | 48.14    | 48.20      | 0.59    | ppb   |
| Tin        | 118-1 | 0.08     | 0.15     | 0.09     | 0.11       | 34.25   | ppb   |
| Titanium   | 47-1  | 0.63     | 0.65     | 0.59     | 0.62       | 4.78    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 25.12   | ppb   |
| Vanadium   | 51-2  | 502.16   | 490.07   | 492.10   | 494.77     | 1.31    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 1313.34  | 1286.13  | 1302.67  | 1300.72    | 1.05    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 13.17   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:56:30 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.07    | 0.06       | 16.69   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:00:03 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.43    | 3.00    | 1.86    | 2.43       | 23.37   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.09    | 0.09       | 1.38    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.06    | 0.06    | 0.05       | 51.21   | ppb   |
| Barium     | 135-1 | 0.26    | 0.22    | 0.18    | 0.22       | 18.91   | ppb   |
| Barium     | 137-1 | 0.24    | 0.23    | 0.25    | 0.24       | 3.90    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.04    | 0.03       | 44.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | 1.07    | 0.85    | 0.90    | 0.94       | 12.45   | ppb   |
| Boron      | 11-1  | 1.27    | 1.15    | 1.37    | 1.26       | 8.74    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.17   | -0.10   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -3.33   | -3.98   | -2.29   | -3.20      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.07    | -0.02   | 0.04       | 121.76  | ppb   |
| Calcium    | 43-1  | 9.54    | 18.81   | 19.71   | 16.02      | 35.16   | ppb   |
| Calcium    | 44-1  | 17.07   | 15.24   | 15.47   | 15.93      | 6.28    | ppb   |
| Chromium   | 52-2  | 0.18    | 0.15    | 0.21    | 0.18       | 17.26   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 47.50   | ppb   |
| Copper     | 63-2  | 1.15    | 1.07    | 1.21    | 1.14       | 5.99    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 1.23    | 1.50    | 1.90    | 1.54       | 22.06   | ppb   |
| Iron       | 57-2  | 0.22    | -0.05   | -2.85   | -0.89      |         | ppb   |
| Lead       | 206-1 | 0.22    | 0.20    | 0.22    | 0.21       | 4.75    | ppb   |
| Lead       | 207-1 | 0.17    | 0.18    | 0.17    | 0.17       | 4.06    | ppb   |
| Lead       | 208-1 | 0.19    | 0.19    | 0.19    | 0.19       | 0.90    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 1.88    | 1.15    | 2.02    | 1.68       | 27.89   | ppb   |
| Manganese  | 55-2  | 0.11    | 0.08    | 0.06    | 0.08       | 30.43   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:00:03 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.03    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | 0.00     | 0.01     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | 0.05     | 0.06     | 0.04       | 113.25  | ppb   |
| Phosphorus | 31-2  | -28.65   | -8.99    | 5.76     | -10.63     |         | ppb   |
| Potassium  | 39-2  | -4.81    | -5.51    | 1.24     | -3.03      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 0.40     | -0.70    | 0.43     | 0.04       | 1429.71 | ppb   |
| Selenium   | 78-2  | -1.84    | -0.87    | -0.95    | -1.22      |         | ppb   |
| Selenium   | 82-1  | 0.31     | -0.03    | -0.54    | -0.09      |         | ppb   |
| Silicon    | 28-1  | -26.47   | -26.03   | -25.61   | -26.04     |         | ppb   |
| Silver     | 109-1 | 0.16     | 0.19     | 0.19     | 0.18       | 8.74    | ppb   |
| Silver     | 107-1 | 0.17     | 0.20     | 0.20     | 0.19       | 9.33    | ppb   |
| Sodium     | 23-2  | 79.06    | 75.39    | 84.97    | 79.81      | 6.05    | ppb   |
| Strontium  | 86-1  | 0.05     | 0.08     | 0.00     | 0.04       | 100.48  | ppb   |
| Strontium  | 88-1  | 0.12     | 0.11     | 0.10     | 0.11       | 8.17    | ppb   |
| Sulfur     | 34-1  | -4317.74 | -4160.02 | -4032.41 | -4170.06   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.03     | 0.03       | 11.19   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.02     | 0.03       | 16.98   | ppb   |
| Tin        | 118-1 | 0.14     | 0.07     | 0.09     | 0.10       | 32.69   | ppb   |
| Titanium   | 47-1  | 0.08     | 0.00     | -0.01    | 0.02       | 209.20  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.21     | 0.22     | 0.21     | 0.21       | 3.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 3.51     | 3.80     | 3.56     | 3.62       | 4.26    | ppb   |
| Zirconium  | 90-1  | -0.01    | 0.00     | -0.02    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:00:03 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.02    | 0.02       | 48.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:03:39 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.18    | 3.56    | 2.59    | 2.78       | 25.49   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.11    | 0.11       | 6.17    | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.03    | 0.04    | 0.05       | 47.10   | ppb   |
| Barium     | 135-1 | 0.16    | 0.15    | 0.10    | 0.14       | 22.60   | ppb   |
| Barium     | 137-1 | 0.18    | 0.14    | 0.17    | 0.16       | 13.46   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.03    | 0.02    | 0.02       | 29.10   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | 1.78    | 1.92    | 1.29    | 1.66       | 19.96   | ppb   |
| Boron      | 11-1  | 1.12    | 1.39    | 1.17    | 1.23       | 11.70   | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.12   | -0.13   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -2.98   | -2.73   | -3.29   | -3.00      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.05   | 0.01    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 64.54   | 63.68   | 64.62   | 64.28      | 0.81    | ppb   |
| Calcium    | 44-1  | 65.00   | 63.97   | 61.93   | 63.63      | 2.46    | ppb   |
| Chromium   | 52-2  | 0.22    | 0.17    | 0.22    | 0.20       | 12.47   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.01       | 21.51   | ppb   |
| Copper     | 63-2  | 1.35    | 1.28    | 1.42    | 1.35       | 5.43    | 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 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 5.34    | 5.38    | 5.62    | 5.45       | 2.79    | ppb   |
| Iron       | 57-2  | 3.88    | 5.53    | 3.09    | 4.17       | 29.87   | ppb   |
| Lead       | 206-1 | 0.76    | 0.79    | 0.80    | 0.78       | 2.66    | ppb   |
| Lead       | 207-1 | 0.69    | 0.68    | 0.70    | 0.69       | 1.45    | ppb   |
| Lead       | 208-1 | 0.71    | 0.73    | 0.72    | 0.72       | 1.73    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 11.03   | 8.46    | 9.61    | 9.70       | 13.27   | ppb   |
| Manganese  | 55-2  | 0.16    | 0.14    | 0.20    | 0.17       | 17.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:03:39 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.02     | -0.01    | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | 0.01     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.07     | 0.10     | 0.08     | 0.09       | 18.49   | ppb   |
| Phosphorus | 31-2  | -6.27    | -34.07   | -12.49   | -17.61     |         | ppb   |
| Potassium  | 39-2  | 9.07     | 2.23     | 3.49     | 4.93       | 73.91   | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | -0.13    | -0.13    | 0.43     | 0.06       | 588.60  | ppb   |
| Selenium   | 78-2  | -0.95    | -1.05    | -0.85    | -0.95      |         | ppb   |
| Selenium   | 82-1  | 0.31     | -0.28    | -0.23    | -0.07      |         | ppb   |
| Silicon    | 28-1  | -24.70   | -23.56   | -24.89   | -24.38     |         | ppb   |
| Silver     | 109-1 | 0.18     | 0.16     | 0.21     | 0.18       | 13.00   | ppb   |
| Silver     | 107-1 | 0.17     | 0.18     | 0.20     | 0.18       | 8.37    | ppb   |
| Sodium     | 23-2  | 123.28   | 119.53   | 123.58   | 122.13     | 1.85    | ppb   |
| Strontium  | 86-1  | 0.59     | 0.56     | 0.71     | 0.62       | 12.44   | ppb   |
| Strontium  | 88-1  | 0.63     | 0.64     | 0.65     | 0.64       | 1.84    | ppb   |
| Sulfur     | 34-1  | -3039.28 | -3028.09 | -3022.46 | -3029.94   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 8.80    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.25    | ppb   |
| Tin        | 118-1 | 0.60     | 0.58     | 0.56     | 0.58       | 3.43    | ppb   |
| Titanium   | 47-1  | 0.18     | 0.10     | 0.04     | 0.10       | 66.16   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.21     | 0.20     | 0.22     | 0.21       | 4.81    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 4.15     | 4.04     | 4.04     | 4.08       | 1.49    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.00     | 0.00     | 0.01       | 109.99  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:03:39 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.01       | 68.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:07:12 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.44     | 4.14     | 3.72     | 4.10       | 8.86    | ppb   |
| Antimony   | 121-1 | 0.22     | 0.23     | 0.22     | 0.22       | 2.29    | ppb   |
| Arsenic    | 75-2  | 3.63     | 3.66     | 3.49     | 3.59       | 2.55    | ppb   |
| Barium     | 135-1 | 52.06    | 53.15    | 55.96    | 53.72      | 3.75    | ppb   |
| Barium     | 137-1 | 52.94    | 53.69    | 55.57    | 54.07      | 2.51    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.03     | 0.04     | 0.03       | 21.76   | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 14.35    | 14.22    | 15.10    | 14.56      | 3.29    | ppb   |
| Boron      | 11-1  | 14.58    | 14.65    | 15.42    | 14.88      | 3.13    | ppb   |
| Cadmium    | 111-1 | -0.07    | -0.01    | -0.06    | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -2.16    | -0.35    | -1.55    | -1.35      |         | ppb   |
| Cadmium    | 108-1 | 0.61     | 0.59     | 0.65     | 0.62       | 5.12    | ppb   |
| Calcium    | 43-1  | 25796.80 | 25848.67 | 26819.43 | 26154.97   | 2.20    | ppb   |
| Calcium    | 44-1  | 26124.46 | 25872.91 | 27319.00 | 26438.79   | 2.92    | ppb   |
| Chromium   | 52-2  | 0.21     | 0.21     | 0.22     | 0.21       | 2.87    | ppb   |
| Cobalt     | 59-2  | 3.99     | 4.00     | 4.10     | 4.03       | 1.48    | ppb   |
| Copper     | 63-2  | 1.55     | 1.62     | 1.65     | 1.61       | 3.07    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 2676.24  | 2677.71  | 2695.36  | 2683.10    | 0.40    | ppb   |
| Iron       | 57-2  | 2736.07  | 2713.26  | 2705.81  | 2718.38    | 0.58    | ppb   |
| Lead       | 206-1 | 0.37     | 0.41     | 0.41     | 0.40       | 5.44    | ppb   |
| Lead       | 207-1 | 0.36     | 0.36     | 0.34     | 0.35       | 3.72    | ppb   |
| Lead       | 208-1 | 0.36     | 0.37     | 0.39     | 0.37       | 5.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 13112.56 | 13047.82 | 13070.98 | 13077.12   | 0.25    | ppb   |
| Manganese  | 55-2  | 1871.15  | 1878.06  | 1884.63  | 1877.95    | 0.36    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:07:12 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23     | 0.25     | 0.21     | 0.23       | 8.20    | ppb   |
| Molybdenum | 95-1  | 0.28     | 0.24     | 0.28     | 0.27       | 8.02    | ppb   |
| Molybdenum | 96-1  | 0.21     | 0.22     | 0.23     | 0.22       | 5.81    | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.23     | 0.20     | 0.22       | 8.38    | ppb   |
| Molybdenum | 98-1  | 0.20     | 0.23     | 0.23     | 0.22       | 7.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.78     | 7.50     | 7.74     | 7.67       | 2.01    | ppb   |
| Phosphorus | 31-2  | 7.21     | 31.19    | 21.60    | 20.00      | 60.35   | ppb   |
| Potassium  | 39-2  | 1919.25  | 1902.55  | 1883.14  | 1901.65    | 0.95    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | -0.13    | 0.43     | 0.44     | 0.25       | 132.71  | ppb   |
| Selenium   | 78-2  | -2.03    | -0.95    | -0.11    | -1.03      |         | ppb   |
| Selenium   | 82-1  | 0.36     | 0.54     | 0.08     | 0.33       | 70.98   | ppb   |
| Silicon    | 28-1  | 8337.38  | 8262.51  | 8698.28  | 8432.72    | 2.76    | ppb   |
| Silver     | 109-1 | 0.17     | 0.15     | 0.18     | 0.17       | 8.98    | ppb   |
| Silver     | 107-1 | 0.16     | 0.20     | 0.19     | 0.18       | 10.99   | ppb   |
| Sodium     | 23-2  | 4723.88  | 4685.55  | 4682.47  | 4697.30    | 0.49    | ppb   |
| Strontium  | 86-1  | 77.40    | 76.55    | 80.92    | 78.29      | 2.96    | ppb   |
| Strontium  | 88-1  | 77.25    | 76.72    | 80.17    | 78.05      | 2.38    | ppb   |
| Sulfur     | 34-1  | 25210.93 | 24806.10 | 26631.70 | 25549.57   | 3.75    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.02       | 35.44   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 8.38    | ppb   |
| Tin        | 118-1 | 0.08     | 0.07     | 0.14     | 0.10       | 39.53   | ppb   |
| Titanium   | 47-1  | 0.75     | 0.52     | 0.67     | 0.64       | 17.84   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 23.98   | ppb   |
| Vanadium   | 51-2  | 0.16     | 0.19     | 0.18     | 0.18       | 8.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 2196.10  | 2198.35  | 2213.51  | 2202.65    | 0.43    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.04     | 0.06     | 0.05       | 18.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:07:12 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.08    | 0.08    | 0.07       | 16.25   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:10:46 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.06     | 2.68     | 3.25     | 2.66       | 22.37   | ppb   |
| Antimony   | 121-1 | 0.42     | 0.37     | 0.36     | 0.39       | 8.68    | ppb   |
| Arsenic    | 75-2  | 14.82    | 14.95    | 14.58    | 14.78      | 1.27    | ppb   |
| Barium     | 135-1 | 34.70    | 34.18    | 33.45    | 34.11      | 1.85    | ppb   |
| Barium     | 137-1 | 35.75    | 34.29    | 34.52    | 34.85      | 2.26    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.04     | 0.01     | 0.03       | 65.75   | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 12.64    | 15.31    | 13.48    | 13.81      | 9.90    | ppb   |
| Boron      | 11-1  | 12.91    | 14.02    | 13.90    | 13.61      | 4.47    | ppb   |
| Cadmium    | 111-1 | 0.09     | -0.06    | 0.10     | 0.04       | 211.36  | ppb   |
| Cadmium    | 106-1 | 1.70     | -1.56    | 1.74     | 0.63       | 302.15  | ppb   |
| Cadmium    | 108-1 | 2.27     | 1.88     | 1.89     | 2.01       | 11.12   | ppb   |
| Calcium    | 43-1  | 28430.05 | 28230.57 | 28700.16 | 28453.59   | 0.83    | ppb   |
| Calcium    | 44-1  | 28840.80 | 28890.56 | 29096.39 | 28942.58   | 0.47    | ppb   |
| Chromium   | 52-2  | 0.46     | 0.44     | 0.43     | 0.45       | 3.45    | ppb   |
| Cobalt     | 59-2  | 7.76     | 7.53     | 7.88     | 7.72       | 2.24    | ppb   |
| Copper     | 63-2  | 1.72     | 1.83     | 1.79     | 1.78       | 3.25    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 17872.35 | 17922.94 | 17963.65 | 17919.65   | 0.26    | ppb   |
| Iron       | 57-2  | 17390.09 | 17503.10 | 17567.47 | 17486.89   | 0.51    | ppb   |
| Lead       | 206-1 | 0.48     | 0.41     | 0.46     | 0.45       | 7.72    | ppb   |
| Lead       | 207-1 | 0.41     | 0.44     | 0.48     | 0.44       | 7.50    | ppb   |
| Lead       | 208-1 | 0.43     | 0.43     | 0.47     | 0.44       | 4.87    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 17566.35 | 17583.33 | 17689.83 | 17613.17   | 0.38    | ppb   |
| Manganese  | 55-2  | 5328.90  | 5330.92  | 5335.28  | 5331.70    | 0.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:10:46 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.50     | 0.60     | 0.62     | 0.57       | 10.77   | ppb   |
| Molybdenum | 95-1  | 0.67     | 0.70     | 0.68     | 0.68       | 1.71    | ppb   |
| Molybdenum | 96-1  | 0.75     | 0.73     | 0.76     | 0.75       | 2.10    | ppb   |
| Molybdenum | 97-1  | 0.60     | 0.59     | 0.65     | 0.61       | 4.93    | ppb   |
| Molybdenum | 98-1  | 0.67     | 0.64     | 0.66     | 0.66       | 2.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.92     | 4.61     | 4.77     | 4.77       | 3.21    | ppb   |
| Phosphorus | 31-2  | 75.78    | 49.60    | 28.72    | 51.36      | 45.91   | ppb   |
| Potassium  | 39-2  | 1829.69  | 1806.00  | 1832.34  | 1822.68    | 0.80    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | -0.70    | -0.14    | -0.70    | -0.51      |         | ppb   |
| Selenium   | 78-2  | -0.60    | -2.06    | -0.65    | -1.10      |         | ppb   |
| Selenium   | 82-1  | -0.16    | 0.92     | -0.14    | 0.21       | 296.37  | ppb   |
| Silicon    | 28-1  | 10922.26 | 10938.35 | 11046.23 | 10968.95   | 0.61    | ppb   |
| Silver     | 109-1 | 0.17     | 0.18     | 0.16     | 0.17       | 5.59    | ppb   |
| Silver     | 107-1 | 0.18     | 0.16     | 0.18     | 0.17       | 4.20    | ppb   |
| Sodium     | 23-2  | 6919.09  | 6953.67  | 6948.76  | 6940.51    | 0.27    | ppb   |
| Strontium  | 86-1  | 135.78   | 136.63   | 135.89   | 136.10     | 0.34    | ppb   |
| Strontium  | 88-1  | 136.64   | 137.29   | 136.76   | 136.90     | 0.25    | ppb   |
| Sulfur     | 34-1  | 27828.59 | 27622.40 | 28119.61 | 27856.87   | 0.90    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.03     | 0.04     | 0.04       | 22.86   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.04     | 0.03       | 12.37   | ppb   |
| Tin        | 118-1 | 0.10     | 0.07     | 0.11     | 0.09       | 21.34   | ppb   |
| Titanium   | 47-1  | 0.84     | 0.75     | 0.90     | 0.83       | 8.83    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.03     | 0.02     | 0.02       | 8.32    | ppb   |
| Vanadium   | 51-2  | 0.14     | 0.19     | 0.15     | 0.16       | 16.39   | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 7846.56  | 7841.05  | 7888.63  | 7858.75    | 0.33    | ppb   |
| Zirconium  | 90-1  | 0.08     | 0.08     | 0.07     | 0.08       | 8.02    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:10:46 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.09    | 0.11    | 0.10       | 8.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:14:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.79     | 3.81     | 3.36     | 3.65       | 6.87    | ppb   |
| Antimony   | 121-1 | 0.35     | 0.35     | 0.33     | 0.34       | 4.13    | ppb   |
| Arsenic    | 75-2  | 11.68    | 12.33    | 12.13    | 12.04      | 2.76    | ppb   |
| Barium     | 135-1 | 39.95    | 39.86    | 39.75    | 39.85      | 0.26    | ppb   |
| Barium     | 137-1 | 39.88    | 40.02    | 40.51    | 40.14      | 0.83    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.04     | 0.01     | 0.03       | 52.55   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 11.27    | 12.34    | 12.54    | 12.05      | 5.66    | ppb   |
| Boron      | 11-1  | 12.59    | 12.14    | 11.46    | 12.06      | 4.68    | ppb   |
| Cadmium    | 111-1 | -0.03    | -0.10    | -0.04    | -0.06      |         | ppb   |
| Cadmium    | 106-1 | 0.96     | -1.05    | -0.16    | -0.08      |         | ppb   |
| Cadmium    | 108-1 | 3.21     | 2.69     | 2.18     | 2.69       | 19.10   | ppb   |
| Calcium    | 43-1  | 52587.28 | 53047.98 | 52884.06 | 52839.77   | 0.44    | ppb   |
| Calcium    | 44-1  | 53285.25 | 53552.96 | 53784.10 | 53540.77   | 0.47    | ppb   |
| Chromium   | 52-2  | 0.17     | 0.15     | 0.14     | 0.16       | 9.08    | ppb   |
| Cobalt     | 59-2  | 9.17     | 8.91     | 8.91     | 9.00       | 1.64    | ppb   |
| Copper     | 63-2  | 1.97     | 1.84     | 1.86     | 1.89       | 3.71    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 8844.41  | 8793.75  | 8873.01  | 8837.06    | 0.45    | ppb   |
| Iron       | 57-2  | 8674.39  | 8716.72  | 8653.36  | 8681.49    | 0.37    | ppb   |
| Lead       | 206-1 | 0.38     | 0.45     | 0.39     | 0.41       | 8.94    | ppb   |
| Lead       | 207-1 | 0.39     | 0.38     | 0.41     | 0.39       | 3.56    | ppb   |
| Lead       | 208-1 | 0.39     | 0.40     | 0.40     | 0.39       | 1.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 19705.87 | 19718.39 | 19760.56 | 19728.27   | 0.15    | ppb   |
| Manganese  | 55-2  | 3366.77  | 3349.18  | 3391.20  | 3369.05    | 0.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:14:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.24     | 0.15     | 0.25     | 0.21       | 24.73   | ppb   |
| Molybdenum | 95-1  | 0.23     | 0.26     | 0.23     | 0.24       | 7.04    | ppb   |
| Molybdenum | 96-1  | 0.24     | 0.26     | 0.24     | 0.25       | 3.76    | ppb   |
| Molybdenum | 97-1  | 0.19     | 0.20     | 0.20     | 0.20       | 4.47    | ppb   |
| Molybdenum | 98-1  | 0.22     | 0.19     | 0.23     | 0.21       | 9.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 10.25    | 10.23    | 10.21    | 10.23      | 0.21    | ppb   |
| Phosphorus | 31-2  | 30.68    | 66.46    | 50.49    | 49.21      | 36.42   | ppb   |
| Potassium  | 39-2  | 2966.12  | 2949.26  | 2939.78  | 2951.72    | 0.45    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 0.98     | -0.70    | -0.14    | 0.05       | 1773.25 | ppb   |
| Selenium   | 78-2  | -0.88    | -1.06    | -0.65    | -0.86      |         | ppb   |
| Selenium   | 82-1  | 0.81     | 0.34     | -0.11    | 0.35       | 132.90  | ppb   |
| Silicon    | 28-1  | 7069.90  | 7125.26  | 7169.55  | 7121.57    | 0.70    | ppb   |
| Silver     | 109-1 | 0.15     | 0.19     | 0.17     | 0.17       | 10.97   | ppb   |
| Silver     | 107-1 | 0.17     | 0.18     | 0.16     | 0.17       | 5.61    | ppb   |
| Sodium     | 23-2  | 21100.91 | 21009.56 | 21081.74 | 21064.07   | 0.23    | ppb   |
| Strontium  | 86-1  | 141.55   | 143.32   | 142.57   | 142.48     | 0.63    | ppb   |
| Strontium  | 88-1  | 143.31   | 142.67   | 142.57   | 142.85     | 0.28    | ppb   |
| Sulfur     | 34-1  | 67796.70 | 69115.35 | 68601.56 | 68504.54   | 0.97    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.29   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.02     | 0.02       | 10.07   | ppb   |
| Tin        | 118-1 | 0.07     | 0.10     | 0.09     | 0.09       | 17.27   | ppb   |
| Titanium   | 47-1  | 0.59     | 0.58     | 0.56     | 0.58       | 2.62    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 15.55   | ppb   |
| Vanadium   | 51-2  | 0.13     | 0.14     | 0.15     | 0.14       | 6.96    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 10459.30 | 10453.91 | 10534.41 | 10482.54   | 0.43    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.01       | 50.20   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:14:21 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 23.64   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:17:55 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.70     | 2.23     | 3.77     | 2.57       | 41.95   | ppb   |
| Antimony   | 121-1 | 0.40     | 0.37     | 0.35     | 0.37       | 6.03    | ppb   |
| Arsenic    | 75-2  | 0.41     | 0.33     | 0.34     | 0.36       | 11.76   | ppb   |
| Barium     | 135-1 | 33.60    | 34.25    | 34.15    | 34.00      | 1.03    | ppb   |
| Barium     | 137-1 | 34.02    | 35.42    | 34.76    | 34.73      | 2.02    | ppb   |
| Beryllium  | 9-1   | 0.00     | 0.03     | 0.01     | 0.01       | 104.80  | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 15.73    | 14.53    | 14.21    | 14.83      | 5.41    | ppb   |
| Boron      | 11-1  | 14.25    | 14.45    | 14.92    | 14.54      | 2.37    | ppb   |
| Cadmium    | 111-1 | 8.62     | 8.39     | 8.44     | 8.49       | 1.43    | ppb   |
| Cadmium    | 106-1 | 5.42     | 3.00     | 5.08     | 4.50       | 29.09   | ppb   |
| Cadmium    | 108-1 | 8.68     | 8.09     | 8.52     | 8.43       | 3.57    | ppb   |
| Calcium    | 43-1  | 36179.36 | 36032.53 | 36148.96 | 36120.28   | 0.21    | ppb   |
| Calcium    | 44-1  | 36592.23 | 36735.91 | 36499.98 | 36609.37   | 0.32    | ppb   |
| Chromium   | 52-2  | 0.25     | 0.23     | 0.22     | 0.24       | 5.60    | ppb   |
| Cobalt     | 59-2  | 1.47     | 1.48     | 1.51     | 1.49       | 1.65    | ppb   |
| Copper     | 63-2  | 2.47     | 2.50     | 2.43     | 2.47       | 1.56    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 21.31    | 20.99    | 21.25    | 21.18      | 0.81    | ppb   |
| Iron       | 57-2  | 81.34    | 78.17    | 77.80    | 79.10      | 2.46    | ppb   |
| Lead       | 206-1 | 0.38     | 0.36     | 0.33     | 0.36       | 5.97    | ppb   |
| Lead       | 207-1 | 0.31     | 0.30     | 0.28     | 0.30       | 4.51    | ppb   |
| Lead       | 208-1 | 0.34     | 0.34     | 0.32     | 0.33       | 4.41    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 11240.13 | 11287.72 | 11223.62 | 11250.49   | 0.30    | ppb   |
| Manganese  | 55-2  | 1740.64  | 1757.47  | 1745.40  | 1747.84    | 0.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:17:55 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08     | 0.05     | 0.09     | 0.07       | 29.53   | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.10     | 0.11     | 0.10       | 15.83   | ppb   |
| Molybdenum | 96-1  | 0.11     | 0.10     | 0.07     | 0.09       | 18.67   | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.08     | 0.08     | 0.08       | 3.90    | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.10     | 0.09     | 0.09       | 21.72   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.73     | 3.82     | 3.64     | 3.73       | 2.49    | ppb   |
| Phosphorus | 31-2  | -9.15    | -9.29    | -13.69   | -10.71     |         | ppb   |
| Potassium  | 39-2  | 3176.98  | 3218.48  | 3167.33  | 3187.60    | 0.85    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | -0.70    | 0.41     | 0.93     | 0.21       | 389.30  | ppb   |
| Selenium   | 78-2  | -0.92    | -1.39    | -0.29    | -0.86      |         | ppb   |
| Selenium   | 82-1  | 0.07     | 0.50     | -0.23    | 0.11       | 324.56  | ppb   |
| Silicon    | 28-1  | 5528.44  | 5494.25  | 5498.68  | 5507.12    | 0.34    | ppb   |
| Silver     | 109-1 | 0.15     | 0.17     | 0.17     | 0.17       | 7.00    | ppb   |
| Silver     | 107-1 | 0.16     | 0.16     | 0.15     | 0.15       | 3.90    | ppb   |
| Sodium     | 23-2  | 4323.13  | 4339.31  | 4300.98  | 4321.14    | 0.45    | ppb   |
| Strontium  | 86-1  | 92.21    | 91.35    | 91.55    | 91.71      | 0.49    | ppb   |
| Strontium  | 88-1  | 92.78    | 92.49    | 92.22    | 92.50      | 0.31    | ppb   |
| Sulfur     | 34-1  | 38440.66 | 38743.87 | 38284.55 | 38489.69   | 0.61    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.03     | 0.02     | 0.02       | 13.26   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 8.45    | ppb   |
| Tin        | 118-1 | 0.05     | 0.04     | 0.09     | 0.06       | 36.34   | ppb   |
| Titanium   | 47-1  | 0.50     | 0.56     | 0.51     | 0.53       | 6.36    | ppb   |
| Uranium    | 238-1 | 0.04     | 0.04     | 0.03     | 0.03       | 21.08   | ppb   |
| Vanadium   | 51-2  | 0.15     | 0.17     | 0.17     | 0.17       | 6.17    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 2553.77  | 2570.87  | 2552.24  | 2558.96    | 0.40    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:17:55 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.00    | 0.04    | 0.02       | 110.46  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:21:28 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.48     | 2.60     | 1.82     | 2.63       | 31.59   | ppb   |
| Antimony   | 121-1 | 0.23     | 0.22     | 0.20     | 0.21       | 6.86    | ppb   |
| Arsenic    | 75-2  | 13.37    | 13.70    | 13.94    | 13.67      | 2.09    | ppb   |
| Barium     | 135-1 | 51.37    | 50.39    | 50.83    | 50.86      | 0.96    | ppb   |
| Barium     | 137-1 | 51.85    | 50.64    | 50.44    | 50.98      | 1.49    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.04     | 0.04     | 0.04       | 8.30    | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 9.88     | 11.10    | 11.26    | 10.75      | 7.02    | ppb   |
| Boron      | 11-1  | 11.03    | 11.40    | 11.69    | 11.38      | 2.90    | ppb   |
| Cadmium    | 111-1 | -0.15    | -0.17    | -0.15    | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -3.62    | -3.87    | -3.52    | -3.67      |         | ppb   |
| Cadmium    | 108-1 | 0.01     | -0.02    | -0.05    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 50756.83 | 50556.43 | 50632.22 | 50648.50   | 0.20    | ppb   |
| Calcium    | 44-1  | 51803.41 | 51090.35 | 51349.66 | 51414.47   | 0.70    | ppb   |
| Chromium   | 52-2  | 0.21     | 0.21     | 0.21     | 0.21       | 1.06    | ppb   |
| Cobalt     | 59-2  | 3.60     | 3.68     | 3.78     | 3.69       | 2.52    | ppb   |
| Copper     | 63-2  | 1.95     | 2.08     | 1.97     | 2.00       | 3.58    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 25556.87 | 25499.23 | 25487.58 | 25514.56   | 0.15    | ppb   |
| Iron       | 57-2  | 24962.66 | 24971.05 | 25049.99 | 24994.57   | 0.19    | ppb   |
| Lead       | 206-1 | 0.21     | 0.26     | 0.20     | 0.22       | 14.56   | ppb   |
| Lead       | 207-1 | 0.20     | 0.20     | 0.19     | 0.20       | 2.71    | ppb   |
| Lead       | 208-1 | 0.20     | 0.22     | 0.19     | 0.20       | 5.99    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 16792.20 | 16635.36 | 16566.98 | 16664.85   | 0.69    | ppb   |
| Manganese  | 55-2  | 1590.57  | 1582.05  | 1585.64  | 1586.08    | 0.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:21:28 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.73     | 0.64     | 0.65     | 0.67       | 7.08    | ppb   |
| Molybdenum | 95-1  | 0.76     | 0.77     | 0.78     | 0.77       | 1.09    | ppb   |
| Molybdenum | 96-1  | 0.83     | 0.84     | 0.87     | 0.85       | 2.37    | ppb   |
| Molybdenum | 97-1  | 0.74     | 0.68     | 0.75     | 0.72       | 5.28    | ppb   |
| Molybdenum | 98-1  | 0.74     | 0.72     | 0.71     | 0.72       | 1.57    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.73     | 0.64     | 0.77     | 0.72       | 9.17    | ppb   |
| Phosphorus | 31-2  | 160.73   | 125.12   | 162.10   | 149.32     | 14.04   | ppb   |
| Potassium  | 39-2  | 2872.32  | 2841.13  | 2808.73  | 2840.72    | 1.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | -0.13    | -0.70    | -0.12    | -0.32      |         | ppb   |
| Selenium   | 78-2  | -0.92    | -1.92    | -0.04    | -0.96      |         | ppb   |
| Selenium   | 82-1  | 0.36     | 0.25     | -0.48    | 0.04       | 1117.59 | ppb   |
| Silicon    | 28-1  | 11087.98 | 10967.40 | 10997.73 | 11017.70   | 0.57    | ppb   |
| Silver     | 109-1 | 0.17     | 0.14     | 0.16     | 0.16       | 8.05    | ppb   |
| Silver     | 107-1 | 0.15     | 0.13     | 0.15     | 0.14       | 5.86    | ppb   |
| Sodium     | 23-2  | 8252.52  | 8241.29  | 8219.24  | 8237.69    | 0.21    | ppb   |
| Strontium  | 86-1  | 122.17   | 118.43   | 119.49   | 120.03     | 1.61    | ppb   |
| Strontium  | 88-1  | 121.48   | 120.89   | 121.64   | 121.34     | 0.33    | ppb   |
| Sulfur     | 34-1  | 44067.50 | 43520.82 | 43598.04 | 43728.78   | 0.68    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.00     | 0.02     | 0.01       | 64.50   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.86   | ppb   |
| Tin        | 118-1 | 0.07     | 0.11     | 0.07     | 0.08       | 30.33   | ppb   |
| Titanium   | 47-1  | 0.90     | 0.84     | 0.85     | 0.86       | 3.67    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.57   | ppb   |
| Vanadium   | 51-2  | 0.22     | 0.20     | 0.25     | 0.22       | 10.54   | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 79.09    | 79.75    | 80.92    | 79.92      | 1.15    | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.10     | 0.09     | 0.09       | 2.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:21:28 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.11    | 0.08    | 0.10       | 15.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:25:01 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 194.37   | 202.63   | 209.84   | 202.28     | 3.83    | ppb   |
| Antimony   | 121-1 | 2.25     | 2.19     | 2.21     | 2.22       | 1.43    | ppb   |
| Arsenic    | 75-2  | 2.12     | 2.04     | 2.49     | 2.22       | 11.02   | ppb   |
| Barium     | 135-1 | 40.18    | 40.58    | 41.05    | 40.60      | 1.07    | ppb   |
| Barium     | 137-1 | 40.42    | 41.15    | 40.56    | 40.71      | 0.96    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.07     | 0.07     | 0.06       | 26.47   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 13.30    | 11.91    | 15.16    | 13.46      | 12.10   | ppb   |
| Boron      | 11-1  | 12.86    | 12.98    | 13.17    | 13.00      | 1.23    | ppb   |
| Cadmium    | 111-1 | 3.16     | 3.17     | 3.14     | 3.16       | 0.42    | ppb   |
| Cadmium    | 106-1 | -1.35    | -0.14    | -0.12    | -0.54      |         | ppb   |
| Cadmium    | 108-1 | 3.14     | 3.63     | 2.86     | 3.21       | 12.18   | ppb   |
| Calcium    | 43-1  | 10490.79 | 10493.10 | 10523.25 | 10502.38   | 0.17    | ppb   |
| Calcium    | 44-1  | 10674.72 | 10629.99 | 10556.86 | 10620.52   | 0.56    | ppb   |
| Chromium   | 52-2  | 0.72     | 0.82     | 0.82     | 0.79       | 7.42    | ppb   |
| Cobalt     | 59-2  | 0.92     | 0.88     | 1.01     | 0.94       | 7.06    | ppb   |
| Copper     | 63-2  | 7.01     | 7.15     | 7.91     | 7.35       | 6.60    | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 786.45   | 772.84   | 852.71   | 804.00     | 5.31    | ppb   |
| Iron       | 57-2  | 784.77   | 804.73   | 880.63   | 823.38     | 6.14    | ppb   |
| Lead       | 206-1 | 110.91   | 109.62   | 110.58   | 110.37     | 0.61    | ppb   |
| Lead       | 207-1 | 115.56   | 113.09   | 113.45   | 114.03     | 1.17    | ppb   |
| Lead       | 208-1 | 113.24   | 111.52   | 111.58   | 112.11     | 0.87    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 3125.10  | 3107.23  | 3433.07  | 3221.80    | 5.69    | ppb   |
| Manganese  | 55-2  | 101.25   | 101.04   | 110.66   | 104.32     | 5.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:25:01 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.42    | 0.46    | 0.50    | 0.46       | 8.91    | ppb   |
| Molybdenum | 95-1  | 0.12    | 0.10    | 0.11    | 0.11       | 10.79   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.30    | 0.16    | 0.20       | 47.98   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.13    | 0.10    | 0.10       | 25.89   | ppb   |
| Molybdenum | 98-1  | 0.12    | 0.09    | 0.08    | 0.10       | 23.13   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.56    | 2.54    | 2.89    | 2.66       | 7.34    | ppb   |
| Phosphorus | 31-2  | -12.01  | 17.76   | 17.87   | 7.87       | 218.64  | ppb   |
| Potassium  | 39-2  | 1698.62 | 1711.23 | 1891.54 | 1767.13    | 6.11    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 85         |         | %     |
| Selenium   | 77-2  | -0.14   | 0.42    | 1.13    | 0.47       | 134.64  | ppb   |
| Selenium   | 78-2  | -1.87   | -0.71   | -0.48   | -1.02      |         | ppb   |
| Selenium   | 82-1  | -0.17   | -0.16   | 0.66    | 0.11       | 435.27  | ppb   |
| Silicon    | 28-1  | 9190.91 | 9268.98 | 9189.05 | 9216.32    | 0.49    | ppb   |
| Silver     | 109-1 | 0.46    | 0.46    | 0.47    | 0.46       | 1.78    | ppb   |
| Silver     | 107-1 | 0.44    | 0.44    | 0.48    | 0.45       | 4.50    | ppb   |
| Sodium     | 23-2  | 2628.51 | 2619.16 | 2872.28 | 2706.65    | 5.30    | ppb   |
| Strontium  | 86-1  | 54.43   | 53.78   | 53.25   | 53.82      | 1.10    | ppb   |
| Strontium  | 88-1  | 54.03   | 53.93   | 54.07   | 54.01      | 0.13    | ppb   |
| Sulfur     | 34-1  | 5254.79 | 5303.06 | 4947.79 | 5168.55    | 3.73    | ppb   |
| Terbium    | 159-1 |         |         |         | 111        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.07    | 0.05    | 0.04    | 0.05       | 35.94   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.05    | 0.04    | 0.04       | 16.90   | ppb   |
| Tin        | 118-1 | 0.15    | 0.21    | 0.21    | 0.19       | 17.80   | ppb   |
| Titanium   | 47-1  | 10.15   | 9.83    | 10.41   | 10.13      | 2.87    | ppb   |
| Uranium    | 238-1 | 0.06    | 0.05    | 0.05    | 0.05       | 11.61   | ppb   |
| Vanadium   | 51-2  | 0.66    | 0.74    | 0.75    | 0.72       | 6.48    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 91         |         | %     |
| Zinc       | 66-2  | 718.12  | 712.91  | 785.19  | 738.74     | 5.46    | ppb   |
| Zirconium  | 90-1  | 0.27    | 0.24    | 0.29    | 0.26       | 9.17    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:25:01 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.20    | 0.33    | 0.27       | 23.43   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:28:34 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 52.94    | 57.09    | 51.11    | 53.71      | 5.71    | ppb   |
| Antimony   | 121-1 | 0.49     | 0.49     | 0.53     | 0.50       | 4.11    | ppb   |
| Arsenic    | 75-2  | 0.68     | 0.69     | 0.75     | 0.70       | 5.33    | ppb   |
| Barium     | 135-1 | 30.27    | 30.42    | 30.35    | 30.35      | 0.24    | ppb   |
| Barium     | 137-1 | 30.67    | 29.75    | 30.46    | 30.30      | 1.59    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.01     | 0.00     | 0.01       | 72.33   | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 4.25     | 4.34     | 5.61     | 4.73       | 16.06   | ppb   |
| Boron      | 11-1  | 4.79     | 4.64     | 4.81     | 4.75       | 2.03    | ppb   |
| Cadmium    | 111-1 | 0.26     | 0.22     | 0.23     | 0.24       | 8.30    | ppb   |
| Cadmium    | 106-1 | -3.05    | -4.11    | -3.25    | -3.47      |         | ppb   |
| Cadmium    | 108-1 | 0.50     | 0.26     | 0.63     | 0.46       | 40.41   | ppb   |
| Calcium    | 43-1  | 77969.21 | 77031.58 | 78254.20 | 77751.66   | 0.82    | ppb   |
| Calcium    | 44-1  | 78923.73 | 78801.33 | 78905.24 | 78876.77   | 0.08    | ppb   |
| Chromium   | 52-2  | 0.18     | 0.18     | 0.18     | 0.18       | 1.16    | ppb   |
| Cobalt     | 59-2  | 0.65     | 0.65     | 0.69     | 0.66       | 3.44    | ppb   |
| Copper     | 63-2  | 4.15     | 4.12     | 4.13     | 4.14       | 0.34    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 358.15   | 358.36   | 358.30   | 358.27     | 0.03    | ppb   |
| Iron       | 57-2  | 482.37   | 496.57   | 489.47   | 489.47     | 1.45    | ppb   |
| Lead       | 206-1 | 4.14     | 4.01     | 4.09     | 4.08       | 1.65    | ppb   |
| Lead       | 207-1 | 4.15     | 4.27     | 4.17     | 4.20       | 1.51    | ppb   |
| Lead       | 208-1 | 4.19     | 4.15     | 4.14     | 4.16       | 0.65    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 13934.04 | 13892.77 | 13843.48 | 13890.10   | 0.33    | ppb   |
| Manganese  | 55-2  | 260.04   | 261.14   | 260.32   | 260.50     | 0.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:28:34 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.14     | 0.08     | 0.11     | 0.11       | 24.11   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.06     | 0.10     | 0.08       | 32.02   | ppb   |
| Molybdenum | 96-1  | 0.11     | 0.08     | 0.11     | 0.10       | 17.23   | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.09     | 0.08     | 0.07       | 19.02   | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.08     | 0.08     | 0.08       | 16.63   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.96     | 0.94     | 0.87     | 0.93       | 5.21    | ppb   |
| Phosphorus | 31-2  | -10.40   | -2.52    | -12.35   | -8.42      |         | ppb   |
| Potassium  | 39-2  | 3288.25  | 3285.44  | 3286.73  | 3286.80    | 0.04    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | -0.70    | -0.70    | -0.14    | -0.51      |         | ppb   |
| Selenium   | 78-2  | -1.11    | -1.45    | -0.71    | -1.09      |         | ppb   |
| Selenium   | 82-1  | -0.41    | 0.44     | 0.75     | 0.26       | 231.36  | ppb   |
| Silicon    | 28-1  | 7153.52  | 7094.31  | 7213.11  | 7153.65    | 0.83    | ppb   |
| Silver     | 109-1 | 0.14     | 0.15     | 0.13     | 0.14       | 6.28    | ppb   |
| Silver     | 107-1 | 0.14     | 0.15     | 0.14     | 0.14       | 5.80    | ppb   |
| Sodium     | 23-2  | 2273.57  | 2263.98  | 2265.09  | 2267.55    | 0.23    | ppb   |
| Strontium  | 86-1  | 164.77   | 163.88   | 164.10   | 164.25     | 0.28    | ppb   |
| Strontium  | 88-1  | 166.60   | 165.16   | 166.06   | 165.94     | 0.44    | ppb   |
| Sulfur     | 34-1  | 63166.60 | 62196.87 | 63583.38 | 62982.28   | 1.13    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.04     | 0.03       | 22.30   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.02     | 0.03       | 19.98   | ppb   |
| Tin        | 118-1 | 0.09     | 0.11     | 0.07     | 0.09       | 22.93   | ppb   |
| Titanium   | 47-1  | 0.79     | 0.85     | 0.62     | 0.75       | 15.47   | ppb   |
| Uranium    | 238-1 | 0.16     | 0.15     | 0.15     | 0.15       | 2.90    | ppb   |
| Vanadium   | 51-2  | 0.17     | 0.18     | 0.18     | 0.18       | 3.75    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 81.29    | 80.78    | 79.48    | 80.51      | 1.16    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.01     | 0.02       | 37.46   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:28:34 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.01    | 0.03    | 0.03       | 59.89   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:32:07 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 55.81    | 51.06    | 51.68    | 52.85      | 4.89    | ppb   |
| Antimony   | 121-1 | 0.50     | 0.49     | 0.47     | 0.49       | 2.63    | ppb   |
| Arsenic    | 75-2  | 0.80     | 0.71     | 0.77     | 0.76       | 5.74    | ppb   |
| Barium     | 135-1 | 29.90    | 29.51    | 29.75    | 29.72      | 0.67    | ppb   |
| Barium     | 137-1 | 30.19    | 29.84    | 29.94    | 29.99      | 0.61    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.03     | 0.02     | 0.03       | 41.13   | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 4.39     | 4.49     | 4.27     | 4.38       | 2.49    | ppb   |
| Boron      | 11-1  | 4.67     | 4.50     | 4.59     | 4.59       | 1.86    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.23     | 0.16     | 0.20       | 19.31   | ppb   |
| Cadmium    | 106-1 | -2.18    | -3.05    | -4.25    | -3.16      |         | ppb   |
| Cadmium    | 108-1 | 0.40     | 0.55     | 0.50     | 0.49       | 15.75   | ppb   |
| Calcium    | 43-1  | 76117.17 | 75873.27 | 76894.75 | 76295.06   | 0.70    | ppb   |
| Calcium    | 44-1  | 77107.16 | 76903.20 | 77838.13 | 77282.83   | 0.64    | ppb   |
| Chromium   | 52-2  | 0.29     | 0.29     | 0.27     | 0.29       | 3.56    | ppb   |
| Cobalt     | 59-2  | 0.62     | 0.69     | 0.65     | 0.65       | 5.07    | ppb   |
| Copper     | 63-2  | 4.22     | 4.22     | 4.34     | 4.26       | 1.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 347.40   | 352.30   | 353.45   | 351.05     | 0.92    | ppb   |
| Iron       | 57-2  | 460.34   | 465.94   | 480.17   | 468.82     | 2.18    | ppb   |
| Lead       | 206-1 | 4.43     | 4.38     | 4.36     | 4.39       | 0.76    | ppb   |
| Lead       | 207-1 | 4.50     | 4.44     | 4.56     | 4.50       | 1.35    | ppb   |
| Lead       | 208-1 | 4.43     | 4.41     | 4.47     | 4.44       | 0.71    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 13474.53 | 13592.81 | 13590.91 | 13552.75   | 0.50    | ppb   |
| Manganese  | 55-2  | 256.61   | 258.84   | 257.26   | 257.57     | 0.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:32:07 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.11     | 0.07       | 54.80   | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.07     | 0.05     | 0.06       | 19.77   | ppb   |
| Molybdenum | 96-1  | 0.08     | 0.07     | 0.07     | 0.07       | 9.99    | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.04     | 0.08     | 0.06       | 30.71   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.06     | 0.09     | 0.08       | 15.23   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.92     | 0.92     | 0.83     | 0.89       | 5.80    | ppb   |
| Phosphorus | 31-2  | -6.42    | -10.23   | -20.27   | -12.31     |         | ppb   |
| Potassium  | 39-2  | 3182.99  | 3196.32  | 3193.11  | 3190.81    | 0.22    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | -0.14    | 0.41     | -0.14    | 0.04       | 753.25  | ppb   |
| Selenium   | 78-2  | -1.28    | -1.82    | -1.17    | -1.42      |         | ppb   |
| Selenium   | 82-1  | 0.33     | 0.42     | 0.00     | 0.25       | 88.82   | ppb   |
| Silicon    | 28-1  | 7031.21  | 7057.23  | 7139.41  | 7075.95    | 0.80    | ppb   |
| Silver     | 109-1 | 0.13     | 0.15     | 0.15     | 0.14       | 5.09    | ppb   |
| Silver     | 107-1 | 0.11     | 0.12     | 0.15     | 0.13       | 13.32   | ppb   |
| Sodium     | 23-2  | 2227.22  | 2245.05  | 2238.55  | 2236.94    | 0.40    | ppb   |
| Strontium  | 86-1  | 162.31   | 162.32   | 164.05   | 162.89     | 0.61    | ppb   |
| Strontium  | 88-1  | 163.76   | 163.53   | 164.34   | 163.88     | 0.26    | ppb   |
| Sulfur     | 34-1  | 63149.64 | 62798.71 | 63673.73 | 63207.36   | 0.70    | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 5.71    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 30.10   | ppb   |
| Tin        | 118-1 | 0.07     | 0.06     | 0.09     | 0.07       | 19.98   | ppb   |
| Titanium   | 47-1  | 0.70     | 0.72     | 0.79     | 0.74       | 6.75    | ppb   |
| Uranium    | 238-1 | 0.15     | 0.15     | 0.14     | 0.15       | 2.54    | ppb   |
| Vanadium   | 51-2  | 0.20     | 0.21     | 0.25     | 0.22       | 12.59   | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 79.50    | 80.12    | 79.21    | 79.61      | 0.58    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.01     | 0.02       | 30.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:32:07 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.04    | 0.03       | 25.36   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 14:35:40 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49092.45  | 48209.46  | 48947.04  | 48749.65   | 0.97    | ppb   |
| Antimony   | 121-1 | 487.92    | 484.22    | 483.78    | 485.31     | 0.47    | ppb   |
| Arsenic    | 75-2  | 487.96    | 488.44    | 490.79    | 489.06     | 0.31    | ppb   |
| Barium     | 135-1 | 2470.26   | 2443.14   | 2428.13   | 2447.18    | 0.87    | ppb   |
| Barium     | 137-1 | 2522.41   | 2507.34   | 2475.11   | 2501.62    | 0.97    | ppb   |
| Beryllium  | 9-1   | 511.76    | 511.65    | 510.32    | 511.25     | 0.16    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 491.48    | 500.79    | 502.80    | 498.36     | 1.21    | ppb   |
| Boron      | 11-1  | 491.43    | 500.63    | 505.49    | 499.18     | 1.43    | ppb   |
| Cadmium    | 111-1 | 482.87    | 482.10    | 483.52    | 482.83     | 0.15    | ppb   |
| Cadmium    | 106-1 | 489.58    | 488.78    | 485.46    | 487.94     | 0.45    | ppb   |
| Cadmium    | 108-1 | 485.87    | 485.79    | 482.64    | 484.77     | 0.38    | ppb   |
| Calcium    | 43-1  | 242859.61 | 243316.87 | 242536.37 | 242904.28  | 0.16    | ppb   |
| Calcium    | 44-1  | 244011.75 | 242981.70 | 242817.28 | 243270.24  | 0.27    | ppb   |
| Chromium   | 52-2  | 512.93    | 508.64    | 514.91    | 512.16     | 0.63    | ppb   |
| Cobalt     | 59-2  | 491.77    | 481.01    | 487.86    | 486.88     | 1.12    | ppb   |
| Copper     | 63-2  | 966.61    | 952.26    | 962.79    | 960.55     | 0.77    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 129623.81 | 129325.94 | 129712.32 | 129554.02  | 0.16    | ppb   |
| Iron       | 57-2  | 130571.21 | 128562.38 | 130100.04 | 129744.54  | 0.81    | ppb   |
| Lead       | 206-1 | 491.42    | 491.14    | 486.42    | 489.66     | 0.57    | ppb   |
| Lead       | 207-1 | 486.81    | 488.88    | 486.20    | 487.30     | 0.29    | ppb   |
| Lead       | 208-1 | 491.35    | 491.35    | 490.80    | 491.17     | 0.07    | ppb   |
| Lithium    | 6-1   |           |           |           | 91         |         | %     |
| Magnesium  | 24-2  | 246576.20 | 241968.24 | 245706.14 | 244750.19  | 1.00    | ppb   |
| Manganese  | 55-2  | 980.09    | 974.67    | 986.37    | 980.38     | 0.60    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 14:35:40 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2507.27   | 2483.40   | 2491.05   | 2493.91    | 0.49    | ppb   |
| Molybdenum | 95-1  | 2496.83   | 2478.89   | 2511.02   | 2495.58    | 0.65    | ppb   |
| Molybdenum | 96-1  | 2496.02   | 2491.32   | 2514.65   | 2500.66    | 0.49    | ppb   |
| Molybdenum | 97-1  | 2469.28   | 2445.64   | 2476.60   | 2463.84    | 0.66    | ppb   |
| Molybdenum | 98-1  | 2493.49   | 2474.97   | 2492.61   | 2487.02    | 0.42    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 503.57    | 497.64    | 498.40    | 499.87     | 0.64    | ppb   |
| Phosphorus | 31-2  | 9954.16   | 9721.29   | 9802.32   | 9825.93    | 1.20    | ppb   |
| Potassium  | 39-2  | 123827.30 | 122423.26 | 123713.53 | 123321.36  | 0.63    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 83         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 81         |         | %     |
| Selenium   | 77-2  | 490.05    | 517.90    | 446.32    | 484.76     | 7.44    | ppb   |
| Selenium   | 78-2  | 478.05    | 480.04    | 486.33    | 481.47     | 0.90    | ppb   |
| Selenium   | 82-1  | 477.74    | 476.37    | 481.69    | 478.60     | 0.58    | ppb   |
| Silicon    | 28-1  | 601.71    | 606.58    | 603.86    | 604.05     | 0.40    | ppb   |
| Silver     | 109-1 | 483.36    | 483.20    | 484.82    | 483.80     | 0.18    | ppb   |
| Silver     | 107-1 | 477.49    | 477.03    | 476.15    | 476.89     | 0.14    | ppb   |
| Sodium     | 23-2  | 250390.07 | 245945.46 | 249060.59 | 248465.37  | 0.92    | ppb   |
| Strontium  | 86-1  | 502.22    | 499.00    | 500.58    | 500.60     | 0.32    | ppb   |
| Strontium  | 88-1  | 510.99    | 511.53    | 510.46    | 511.00     | 0.10    | ppb   |
| Sulfur     | 34-1  | 10777.21  | 10758.10  | 10578.08  | 10704.46   | 1.03    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 495.83    | 491.90    | 495.24    | 494.32     | 0.43    | ppb   |
| Thallium   | 205-1 | 504.52    | 504.58    | 505.78    | 504.96     | 0.14    | ppb   |
| Tin        | 118-1 | 485.03    | 482.88    | 480.99    | 482.97     | 0.42    | ppb   |
| Titanium   | 47-1  | 2457.84   | 2462.69   | 2450.24   | 2456.93    | 0.26    | ppb   |
| Uranium    | 238-1 | 515.36    | 507.25    | 510.38    | 510.99     | 0.80    | ppb   |
| Vanadium   | 51-2  | 497.58    | 492.49    | 497.01    | 495.69     | 0.56    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Yttrium    | 89-2  |           |           |           | 86         |         | %     |
| Zinc       | 66-2  | 965.34    | 951.29    | 960.27    | 958.97     | 0.74    | ppb   |
| Zirconium  | 90-1  | 502.85    | 502.19    | 500.59    | 501.87     | 0.23    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 14:35:40 | DataFile Name :   | 043CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 492.22  | 490.19  | 485.98  | 489.46     | 0.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:39:15 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.29    | 2.30    | 2.17    | 2.25       | 3.17    | ppb   |
| Antimony   | 121-1 | 0.46    | 0.44    | 0.44    | 0.44       | 2.53    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.02    | 0.02    | 0.02       | 43.85   | ppb   |
| Barium     | 135-1 | 0.09    | 0.07    | 0.05    | 0.07       | 30.98   | ppb   |
| Barium     | 137-1 | 0.08    | 0.08    | 0.06    | 0.07       | 15.65   | ppb   |
| Beryllium  | 9-1   | 0.14    | 0.10    | 0.16    | 0.14       | 22.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | 10.44   | 8.37    | 7.99    | 8.93       | 14.76   | ppb   |
| Boron      | 11-1  | 9.98    | 8.82    | 8.01    | 8.94       | 11.11   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.94   | -1.64   | -1.97   | -1.85      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5.54    | 3.39    | 4.62    | 4.52       | 23.91   | ppb   |
| Calcium    | 44-1  | 0.87    | 2.37    | -0.57   | 0.89       | 164.63  | ppb   |
| Chromium   | 52-2  | 0.06    | 0.09    | 0.04    | 0.06       | 32.70   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.01    | 0.00    | 0.01       | 86.03   | ppb   |
| Copper     | 63-2  | 0.48    | 0.46    | 0.48    | 0.47       | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 87         |         | %     |
| Iron       | 56-2  | 9.65    | 8.45    | 6.97    | 8.36       | 16.10   | ppb   |
| Iron       | 57-2  | 10.41   | 7.21    | 5.50    | 7.70       | 32.38   | ppb   |
| Lead       | 206-1 | 0.10    | 0.09    | 0.11    | 0.10       | 5.61    | ppb   |
| Lead       | 207-1 | 0.11    | 0.08    | 0.08    | 0.09       | 22.33   | ppb   |
| Lead       | 208-1 | 0.10    | 0.09    | 0.10    | 0.10       | 0.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 5.46    | 5.14    | 3.52    | 4.71       | 22.12   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.03    | 0.02       | 54.09   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:39:15 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.36    | 0.31    | 0.32    | 0.33       | 7.98    | ppb   |
| Molybdenum | 95-1  | 0.43    | 0.40    | 0.37    | 0.40       | 7.09    | ppb   |
| Molybdenum | 96-1  | 0.38    | 0.39    | 0.34    | 0.37       | 7.72    | ppb   |
| Molybdenum | 97-1  | 0.36    | 0.32    | 0.29    | 0.32       | 10.20   | ppb   |
| Molybdenum | 98-1  | 0.44    | 0.42    | 0.38    | 0.41       | 7.92    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.07   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Phosphorus | 31-2  | 0.28    | -23.24  | -10.50  | -11.15     |         | ppb   |
| Potassium  | 39-2  | 4.23    | 0.35    | 1.60    | 2.06       | 96.02   | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 89         |         | %     |
| Scandium   | 45-1  |         |         |         | 91         |         | %     |
| Scandium   | 45-2  |         |         |         | 81         |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | -0.70   | -0.29      |         | ppb   |
| Selenium   | 78-2  | -0.58   | -0.32   | -0.81   | -0.57      |         | ppb   |
| Selenium   | 82-1  | 0.36    | 0.33    | 0.32    | 0.34       | 6.74    | ppb   |
| Silicon    | 28-1  | -13.66  | -13.25  | -13.73  | -13.54     |         | ppb   |
| Silver     | 109-1 | 0.05    | 0.05    | 0.05    | 0.05       | 7.60    | ppb   |
| Silver     | 107-1 | 0.06    | 0.04    | 0.04    | 0.05       | 21.76   | ppb   |
| Sodium     | 23-2  | 51.03   | 49.86   | 45.33   | 48.74      | 6.18    | ppb   |
| Strontium  | 86-1  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.01    | 0.01    | 0.02       | 26.95   | ppb   |
| Sulfur     | 34-1  | -539.21 | -526.87 | -597.81 | -554.63    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 95         |         | %     |
| Thallium   | 203-1 | 0.18    | 0.15    | 0.17    | 0.17       | 8.99    | ppb   |
| Thallium   | 205-1 | 0.19    | 0.16    | 0.15    | 0.17       | 14.60   | ppb   |
| Tin        | 118-1 | 0.06    | 0.05    | 0.02    | 0.04       | 50.97   | ppb   |
| Titanium   | 47-1  | 0.12    | 0.20    | 0.20    | 0.17       | 27.57   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.01    | 0.02       | 10.17   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 50.02   | ppb   |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Yttrium    | 89-2  |         |         |         | 86         |         | %     |
| Zinc       | 66-2  | 0.15    | 0.26    | 0.22    | 0.21       | 27.13   | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.05    | 0.03    | 0.04       | 15.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:39:15 | DataFile Name :   | 044CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.05    | 0.04       | 25.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:42:49 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 59.81    | 63.27    | 57.15    | 60.08      | 5.10    | ppb   |
| Antimony   | 121-1 | 1.44     | 1.41     | 1.42     | 1.42       | 1.14    | ppb   |
| Arsenic    | 75-2  | 1.88     | 1.74     | 1.72     | 1.78       | 4.84    | ppb   |
| Barium     | 135-1 | 56.15    | 57.39    | 56.40    | 56.65      | 1.16    | ppb   |
| Barium     | 137-1 | 56.85    | 56.58    | 56.23    | 56.55      | 0.55    | ppb   |
| Beryllium  | 9-1   | 0.11     | 0.11     | 0.04     | 0.08       | 47.36   | ppb   |
| Bismuth    | 209-1 |          |          |          | 117        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 11.48    | 11.55    | 10.66    | 11.23      | 4.39    | ppb   |
| Boron      | 11-1  | 10.96    | 11.52    | 11.34    | 11.27      | 2.53    | ppb   |
| Cadmium    | 111-1 | 3.68     | 3.69     | 3.60     | 3.66       | 1.27    | ppb   |
| Cadmium    | 106-1 | -0.62    | 1.08     | -1.12    | -0.22      |         | ppb   |
| Cadmium    | 108-1 | 2.88     | 3.49     | 3.48     | 3.29       | 10.71   | ppb   |
| Calcium    | 43-1  | 49158.74 | 48892.50 | 48992.13 | 49014.45   | 0.27    | ppb   |
| Calcium    | 44-1  | 49658.30 | 49541.08 | 49501.84 | 49567.07   | 0.16    | ppb   |
| Chromium   | 52-2  | 0.20     | 0.19     | 0.18     | 0.19       | 7.65    | ppb   |
| Cobalt     | 59-2  | 2.91     | 3.07     | 2.91     | 2.96       | 3.14    | ppb   |
| Copper     | 63-2  | 5.21     | 5.25     | 5.10     | 5.19       | 1.41    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 1598.46  | 1623.73  | 1552.87  | 1591.69    | 2.26    | ppb   |
| Iron       | 57-2  | 1699.12  | 1696.92  | 1662.92  | 1686.32    | 1.20    | ppb   |
| Lead       | 206-1 | 20.48    | 20.04    | 20.61    | 20.38      | 1.47    | ppb   |
| Lead       | 207-1 | 20.40    | 20.42    | 20.35    | 20.39      | 0.18    | ppb   |
| Lead       | 208-1 | 20.42    | 20.23    | 20.39    | 20.34      | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 9792.21  | 9899.92  | 9502.30  | 9731.47    | 2.11    | ppb   |
| Manganese  | 55-2  | 568.75   | 575.69   | 555.28   | 566.57     | 1.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:42:49 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.34     | 0.28     | 0.29     | 0.30       | 9.52    | ppb   |
| Molybdenum | 95-1  | 0.19     | 0.21     | 0.22     | 0.21       | 5.94    | ppb   |
| Molybdenum | 96-1  | 0.24     | 0.22     | 0.21     | 0.22       | 8.41    | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.22     | 0.18     | 0.21       | 12.61   | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.20     | 0.20     | 0.20       | 4.03    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.63     | 4.80     | 4.50     | 4.64       | 3.28    | ppb   |
| Phosphorus | 31-2  | 9.03     | 15.77    | 26.78    | 17.20      | 52.10   | ppb   |
| Potassium  | 39-2  | 2763.78  | 2789.21  | 2655.19  | 2736.06    | 2.60    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | -0.14    | 0.42     | 0.94     | 0.41       | 133.34  | ppb   |
| Selenium   | 78-2  | -1.18    | -0.89    | -0.97    | -1.01      |         | ppb   |
| Selenium   | 82-1  | 0.03     | -0.09    | 1.01     | 0.31       | 192.85  | ppb   |
| Silicon    | 28-1  | 5658.74  | 5606.26  | 5617.45  | 5627.48    | 0.49    | ppb   |
| Silver     | 109-1 | 0.35     | 0.35     | 0.32     | 0.34       | 5.58    | ppb   |
| Silver     | 107-1 | 0.33     | 0.31     | 0.35     | 0.33       | 5.82    | ppb   |
| Sodium     | 23-2  | 2752.69  | 2765.25  | 2649.92  | 2722.62    | 2.32    | ppb   |
| Strontium  | 86-1  | 113.13   | 113.66   | 113.50   | 113.43     | 0.24    | ppb   |
| Strontium  | 88-1  | 115.48   | 114.27   | 115.29   | 115.01     | 0.57    | ppb   |
| Sulfur     | 34-1  | 37166.80 | 36926.33 | 36821.87 | 36971.67   | 0.48    | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.40     | 0.33     | 0.32     | 0.35       | 13.47   | ppb   |
| Thallium   | 205-1 | 0.38     | 0.33     | 0.33     | 0.34       | 8.78    | ppb   |
| Tin        | 118-1 | 0.11     | 0.11     | 0.08     | 0.10       | 15.25   | ppb   |
| Titanium   | 47-1  | 1.35     | 1.24     | 1.14     | 1.25       | 8.54    | ppb   |
| Uranium    | 238-1 | 0.11     | 0.12     | 0.12     | 0.12       | 7.12    | ppb   |
| Vanadium   | 51-2  | 0.26     | 0.26     | 0.24     | 0.25       | 5.05    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 453.78   | 459.14   | 445.17   | 452.70     | 1.56    | ppb   |
| Zirconium  | 90-1  | 0.15     | 0.13     | 0.15     | 0.14       | 7.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:42:49 | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.18    | 0.16    | 0.16    | 0.17       | 7.11    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:46:22 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8.72     | 8.39     | 7.59     | 8.24       | 7.06    | ppb   |
| Antimony   | 121-1 | 1.39     | 1.32     | 1.34     | 1.35       | 2.61    | ppb   |
| Arsenic    | 75-2  | 0.73     | 0.73     | 0.67     | 0.71       | 4.17    | ppb   |
| Barium     | 135-1 | 36.75    | 35.85    | 35.88    | 36.16      | 1.42    | ppb   |
| Barium     | 137-1 | 36.99    | 36.70    | 36.80    | 36.83      | 0.40    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.05     | 0.05     | 0.04       | 35.22   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 16.52    | 17.37    | 16.65    | 16.85      | 2.71    | ppb   |
| Boron      | 11-1  | 17.42    | 16.59    | 18.08    | 17.36      | 4.29    | ppb   |
| Cadmium    | 111-1 | 1.23     | 1.28     | 1.10     | 1.21       | 7.83    | ppb   |
| Cadmium    | 106-1 | -2.04    | 0.00     | -2.24    | -1.43      |         | ppb   |
| Cadmium    | 108-1 | 1.06     | 1.09     | 1.42     | 1.19       | 17.07   | ppb   |
| Calcium    | 43-1  | 20172.19 | 19944.89 | 19895.15 | 20004.08   | 0.74    | ppb   |
| Calcium    | 44-1  | 20420.31 | 20389.03 | 20207.38 | 20338.91   | 0.57    | ppb   |
| Chromium   | 52-2  | 0.26     | 0.23     | 0.25     | 0.25       | 5.08    | ppb   |
| Cobalt     | 59-2  | 0.13     | 0.14     | 0.13     | 0.13       | 1.62    | ppb   |
| Copper     | 63-2  | 3.38     | 3.46     | 3.44     | 3.43       | 1.18    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 393.02   | 395.10   | 398.25   | 395.46     | 0.67    | ppb   |
| Iron       | 57-2  | 435.64   | 427.32   | 428.77   | 430.58     | 1.03    | ppb   |
| Lead       | 206-1 | 11.40    | 11.68    | 11.64    | 11.58      | 1.30    | ppb   |
| Lead       | 207-1 | 11.77    | 11.86    | 11.98    | 11.87      | 0.89    | ppb   |
| Lead       | 208-1 | 11.64    | 11.76    | 11.76    | 11.72      | 0.59    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 5546.77  | 5473.97  | 5517.17  | 5512.64    | 0.66    | ppb   |
| Manganese  | 55-2  | 68.65    | 67.57    | 68.80    | 68.34      | 0.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:46:22 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12     | 0.17     | 0.17     | 0.15       | 20.30   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.14     | 0.16     | 0.15       | 9.29    | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.18     | 0.17     | 0.16       | 13.24   | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.13     | 0.13     | 0.12       | 4.46    | ppb   |
| Molybdenum | 98-1  | 0.15     | 0.15     | 0.14     | 0.15       | 2.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.69     | 3.80     | 3.57     | 3.69       | 3.06    | ppb   |
| Phosphorus | 31-2  | -6.38    | 24.39    | -1.51    | 5.50       | 300.60  | ppb   |
| Potassium  | 39-2  | 1726.17  | 1711.05  | 1758.88  | 1732.03    | 1.41    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | -0.12    | -0.13    | -0.70    | -0.32      |         | ppb   |
| Selenium   | 78-2  | -1.82    | 0.30     | -1.71    | -1.08      |         | ppb   |
| Selenium   | 82-1  | 0.27     | -0.24    | 0.89     | 0.31       | 183.16  | ppb   |
| Silicon    | 28-1  | 6914.63  | 6889.27  | 6872.37  | 6892.09    | 0.31    | ppb   |
| Silver     | 109-1 | 0.24     | 0.23     | 0.27     | 0.25       | 7.25    | ppb   |
| Silver     | 107-1 | 0.21     | 0.23     | 0.24     | 0.23       | 6.42    | ppb   |
| Sodium     | 23-2  | 3949.08  | 3941.18  | 3982.17  | 3957.48    | 0.55    | ppb   |
| Strontium  | 86-1  | 74.72    | 74.86    | 74.91    | 74.83      | 0.13    | ppb   |
| Strontium  | 88-1  | 75.22    | 74.77    | 75.43    | 75.14      | 0.45    | ppb   |
| Sulfur     | 34-1  | 14454.36 | 14058.84 | 13828.99 | 14114.07   | 2.24    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.12     | 0.11     | 0.12       | 8.73    | ppb   |
| Thallium   | 205-1 | 0.12     | 0.10     | 0.12     | 0.11       | 9.53    | ppb   |
| Tin        | 118-1 | 0.11     | 0.10     | 0.10     | 0.10       | 5.14    | ppb   |
| Titanium   | 47-1  | 0.97     | 0.84     | 0.73     | 0.85       | 14.14   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.21   | ppb   |
| Vanadium   | 51-2  | 0.29     | 0.31     | 0.30     | 0.30       | 2.88    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 854.46   | 850.58   | 863.03   | 856.02     | 0.74    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04     | 0.02     | 0.03       | 21.54   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:46:22 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.08    | 0.05    | 0.05       | 41.41   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:49:56 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7.16     | 7.29     | 8.42     | 7.62       | 9.12    | ppb   |
| Antimony   | 121-1 | 1.30     | 1.35     | 1.31     | 1.32       | 2.14    | ppb   |
| Arsenic    | 75-2  | 0.65     | 0.79     | 0.54     | 0.66       | 19.03   | ppb   |
| Barium     | 135-1 | 36.53    | 36.03    | 37.22    | 36.59      | 1.63    | ppb   |
| Barium     | 137-1 | 36.34    | 36.37    | 36.80    | 36.51      | 0.70    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.03     | 0.02     | 0.03       | 30.34   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 14.46    | 16.88    | 16.18    | 15.84      | 7.85    | ppb   |
| Boron      | 11-1  | 16.74    | 16.39    | 17.42    | 16.85      | 3.10    | ppb   |
| Cadmium    | 111-1 | 1.17     | 1.13     | 1.14     | 1.15       | 2.07    | ppb   |
| Cadmium    | 106-1 | -1.58    | -2.28    | -2.49    | -2.12      |         | ppb   |
| Cadmium    | 108-1 | 1.38     | 1.48     | 1.70     | 1.52       | 10.77   | ppb   |
| Calcium    | 43-1  | 20228.02 | 19795.99 | 19942.67 | 19988.89   | 1.10    | ppb   |
| Calcium    | 44-1  | 20417.25 | 20318.93 | 20290.38 | 20342.19   | 0.33    | ppb   |
| Chromium   | 52-2  | 0.26     | 0.28     | 0.30     | 0.28       | 6.00    | ppb   |
| Cobalt     | 59-2  | 0.15     | 0.13     | 0.12     | 0.13       | 9.11    | ppb   |
| Copper     | 63-2  | 3.50     | 3.57     | 3.54     | 3.54       | 0.97    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 394.66   | 394.69   | 402.24   | 397.20     | 1.10    | ppb   |
| Iron       | 57-2  | 426.87   | 417.18   | 433.44   | 425.83     | 1.92    | ppb   |
| Lead       | 206-1 | 11.73    | 11.60    | 11.70    | 11.68      | 0.59    | ppb   |
| Lead       | 207-1 | 11.89    | 12.19    | 11.73    | 11.94      | 1.96    | ppb   |
| Lead       | 208-1 | 11.80    | 11.82    | 11.76    | 11.79      | 0.24    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 5547.78  | 5514.50  | 5558.50  | 5540.26    | 0.41    | ppb   |
| Manganese  | 55-2  | 67.70    | 68.73    | 69.21    | 68.55      | 1.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:49:56 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.15     | 0.11     | 0.16     | 0.14       | 16.60   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.15     | 0.12     | 0.14       | 9.34    | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.12     | 0.15     | 0.13       | 9.05    | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.13     | 0.16     | 0.14       | 12.37   | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.16     | 0.15     | 0.15       | 10.33   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.50     | 3.72     | 3.73     | 3.65       | 3.58    | ppb   |
| Phosphorus | 31-2  | -8.33    | 12.32    | -12.34   | -2.78      |         | ppb   |
| Potassium  | 39-2  | 1708.87  | 1726.02  | 1721.98  | 1718.96    | 0.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | -0.13    | -0.70    | -0.12    | -0.31      |         | ppb   |
| Selenium   | 78-2  | -0.72    | -0.99    | -1.15    | -0.96      |         | ppb   |
| Selenium   | 82-1  | -0.22    | 0.55     | 0.10     | 0.14       | 277.94  | ppb   |
| Silicon    | 28-1  | 6854.79  | 6827.00  | 6882.25  | 6854.68    | 0.40    | ppb   |
| Silver     | 109-1 | 0.20     | 0.23     | 0.21     | 0.21       | 8.50    | ppb   |
| Silver     | 107-1 | 0.22     | 0.21     | 0.21     | 0.21       | 5.01    | ppb   |
| Sodium     | 23-2  | 3959.57  | 3950.51  | 3981.54  | 3963.87    | 0.40    | ppb   |
| Strontium  | 86-1  | 74.96    | 74.81    | 75.07    | 74.95      | 0.18    | ppb   |
| Strontium  | 88-1  | 75.30    | 75.22    | 75.15    | 75.22      | 0.10    | ppb   |
| Sulfur     | 34-1  | 13703.08 | 13443.17 | 13803.17 | 13649.80   | 1.36    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.07     | 0.06     | 0.07     | 0.07       | 3.52    | ppb   |
| Thallium   | 205-1 | 0.07     | 0.06     | 0.06     | 0.06       | 12.48   | ppb   |
| Tin        | 118-1 | 0.09     | 0.09     | 0.10     | 0.10       | 8.32    | ppb   |
| Titanium   | 47-1  | 0.71     | 0.69     | 0.83     | 0.75       | 10.30   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.02     | 0.01       | 34.26   | ppb   |
| Vanadium   | 51-2  | 0.32     | 0.31     | 0.35     | 0.33       | 5.41    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 853.57   | 853.31   | 856.59   | 854.49     | 0.21    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.05     | 0.04     | 0.04       | 27.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:49:56 | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.07    | 0.06       | 24.47   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 14:53:30 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.41    | 1.33    | 1.70    | 2.48       | 67.79   | ppb   |
| Antimony   | 121-1 | 0.26    | 0.26    | 0.25    | 0.26       | 1.14    | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.11    | 0.11    | 0.11       | 6.50    | ppb   |
| Barium     | 135-1 | 7.36    | 7.35    | 7.18    | 7.30       | 1.39    | ppb   |
| Barium     | 137-1 | 7.26    | 7.37    | 7.76    | 7.46       | 3.51    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.06    | 0.09    | 0.06       | 57.87   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 88         |         | %     |
| Boron      | 10-1  | 4.96    | 4.67    | 5.25    | 4.96       | 5.86    | ppb   |
| Boron      | 11-1  | 4.66    | 5.08    | 5.31    | 5.02       | 6.59    | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.10    | 0.02    | 0.05       | 70.94   | ppb   |
| Cadmium    | 106-1 | -4.48   | -3.26   | -5.12   | -4.29      |         | ppb   |
| Cadmium    | 108-1 | 0.26    | 0.26    | 0.26    | 0.26       | 1.28    | ppb   |
| Calcium    | 43-1  | 3935.24 | 3926.76 | 3930.00 | 3930.67    | 0.11    | ppb   |
| Calcium    | 44-1  | 3959.87 | 3977.06 | 3975.94 | 3970.96    | 0.24    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.09    | 0.09    | 0.09       | 10.30   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.03    | 0.02       | 24.20   | ppb   |
| Copper     | 63-2  | 1.34    | 1.37    | 1.21    | 1.31       | 6.36    | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 92         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 84         |         | %     |
| Iron       | 56-2  | 79.57   | 79.60   | 79.09   | 79.42      | 0.36    | ppb   |
| Iron       | 57-2  | 89.27   | 91.56   | 82.77   | 87.87      | 5.19    | ppb   |
| Lead       | 206-1 | 2.29    | 2.28    | 2.28    | 2.28       | 0.40    | ppb   |
| Lead       | 207-1 | 2.46    | 2.55    | 2.34    | 2.45       | 4.22    | ppb   |
| Lead       | 208-1 | 2.38    | 2.40    | 2.35    | 2.38       | 1.04    | ppb   |
| Lithium    | 6-1   |         |         |         | 91         |         | %     |
| Magnesium  | 24-2  | 1102.53 | 1101.84 | 1104.70 | 1103.02    | 0.13    | ppb   |
| Manganese  | 55-2  | 13.57   | 13.71   | 13.70   | 13.66      | 0.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 14:53:30 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.05    | 0.02       | 98.64   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.03    | 0.02       | 48.14   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.05    | 0.05    | 0.05       | 8.56    | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.04    | 0.05    | 0.05       | 12.36   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03    | 0.04    | 0.04       | 8.39    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.71    | 0.70    | 0.63    | 0.68       | 5.79    | ppb   |
| Phosphorus | 31-2  | -19.44  | 3.52    | -12.41  | -9.44      |         | ppb   |
| Potassium  | 39-2  | 338.27  | 334.09  | 330.10  | 334.15     | 1.22    | ppb   |
| Rhodium    | 103-1 |         |         |         | 92         |         | %     |
| Rhodium    | 103-2 |         |         |         | 85         |         | %     |
| Scandium   | 45-1  |         |         |         | 87         |         | %     |
| Scandium   | 45-2  |         |         |         | 77         |         | %     |
| Selenium   | 77-2  | 0.56    | -0.07   | -0.70   | -0.07      |         | ppb   |
| Selenium   | 78-2  | -1.57   | -1.27   | -0.55   | -1.13      |         | ppb   |
| Selenium   | 82-1  | 0.32    | 0.46    | -0.65   | 0.04       | 1397.98 | ppb   |
| Silicon    | 28-1  | 1347.92 | 1344.08 | 1356.01 | 1349.33    | 0.45    | ppb   |
| Silver     | 109-1 | 0.07    | 0.08    | 0.06    | 0.07       | 14.11   | ppb   |
| Silver     | 107-1 | 0.06    | 0.06    | 0.06    | 0.06       | 5.35    | ppb   |
| Sodium     | 23-2  | 809.48  | 806.99  | 808.55  | 808.34     | 0.16    | ppb   |
| Strontium  | 86-1  | 15.15   | 15.00   | 14.56   | 14.90      | 2.07    | ppb   |
| Strontium  | 88-1  | 15.06   | 15.04   | 14.75   | 14.95      | 1.16    | ppb   |
| Sulfur     | 34-1  | 2050.18 | 1983.57 | 1990.80 | 2008.18    | 1.82    | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 92         |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 31.40   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.82   | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.24    | 0.13    | 0.18    | 0.18       | 29.07   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 24.88   | ppb   |
| Vanadium   | 51-2  | 0.09    | 0.11    | 0.08    | 0.09       | 16.16   | ppb   |
| Yttrium    | 89-1  |         |         |         | 93         |         | %     |
| Yttrium    | 89-2  |         |         |         | 83         |         | %     |
| Zinc       | 66-2  | 165.99  | 168.74  | 168.17  | 167.63     | 0.86    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.01    | 0.01       | 71.95   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 14:53:30 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.00       | 75.81   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:57:04 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1950.70  | 1971.24  | 1973.27  | 1965.07    | 0.64    | ppb   |
| Antimony   | 121-1 | 105.72   | 103.96   | 103.41   | 104.36     | 1.15    | ppb   |
| Arsenic    | 75-2  | 41.59    | 42.17    | 41.51    | 41.76      | 0.87    | ppb   |
| Barium     | 135-1 | 2111.30  | 2087.73  | 2075.61  | 2091.54    | 0.87    | ppb   |
| Barium     | 137-1 | 2165.61  | 2153.25  | 2144.18  | 2154.35    | 0.50    | ppb   |
| Beryllium  | 9-1   | 47.72    | 47.76    | 47.88    | 47.79      | 0.18    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 15.59    | 14.81    | 15.87    | 15.42      | 3.53    | ppb   |
| Boron      | 11-1  | 15.18    | 15.66    | 16.20    | 15.68      | 3.25    | ppb   |
| Cadmium    | 111-1 | 54.48    | 53.91    | 53.47    | 53.95      | 0.93    | ppb   |
| Cadmium    | 106-1 | 38.17    | 41.13    | 39.07    | 39.46      | 3.84    | ppb   |
| Cadmium    | 108-1 | 47.81    | 48.61    | 48.06    | 48.16      | 0.85    | ppb   |
| Calcium    | 43-1  | 20870.51 | 20982.51 | 21032.18 | 20961.74   | 0.40    | ppb   |
| Calcium    | 44-1  | 21253.84 | 21373.72 | 21303.89 | 21310.48   | 0.28    | ppb   |
| Chromium   | 52-2  | 208.20   | 210.19   | 210.60   | 209.66     | 0.61    | ppb   |
| Cobalt     | 59-2  | 543.52   | 547.39   | 544.48   | 545.13     | 0.37    | ppb   |
| Copper     | 63-2  | 283.07   | 285.97   | 284.95   | 284.66     | 0.52    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 1524.31  | 1536.21  | 1544.14  | 1534.89    | 0.65    | ppb   |
| Iron       | 57-2  | 1555.48  | 1548.23  | 1628.28  | 1577.33    | 2.81    | ppb   |
| Lead       | 206-1 | 32.03    | 32.01    | 31.51    | 31.85      | 0.92    | ppb   |
| Lead       | 207-1 | 32.30    | 32.55    | 31.83    | 32.23      | 1.13    | ppb   |
| Lead       | 208-1 | 32.09    | 32.20    | 31.79    | 32.03      | 0.65    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 5737.75  | 5767.69  | 5776.01  | 5760.48    | 0.35    | ppb   |
| Manganese  | 55-2  | 593.09   | 597.74   | 597.12   | 595.99     | 0.42    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:57:04 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12     | 0.23     | 0.15     | 0.16       | 34.91   | ppb   |
| Molybdenum | 95-1  | 0.21     | 0.22     | 0.20     | 0.21       | 3.28    | ppb   |
| Molybdenum | 96-1  | 0.22     | 0.24     | 0.21     | 0.23       | 6.46    | ppb   |
| Molybdenum | 97-1  | 0.24     | 0.20     | 0.15     | 0.20       | 21.69   | ppb   |
| Molybdenum | 98-1  | 0.18     | 0.22     | 0.23     | 0.21       | 11.48   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 547.15   | 557.54   | 557.72   | 554.14     | 1.09    | ppb   |
| Phosphorus | 31-2  | 1.85     | 10.94    | 32.50    | 15.10      | 104.27  | ppb   |
| Potassium  | 39-2  | 1805.86  | 1818.29  | 1805.47  | 1809.87    | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 81         |         | %     |
| Selenium   | 77-2  | 154.67   | 162.67   | 154.61   | 157.32     | 2.95    | ppb   |
| Selenium   | 78-2  | 153.27   | 152.41   | 154.98   | 153.55     | 0.85    | ppb   |
| Selenium   | 82-1  | 158.10   | 155.86   | 151.77   | 155.24     | 2.07    | ppb   |
| Silicon    | 28-1  | 7153.09  | 7215.70  | 7153.97  | 7174.25    | 0.50    | ppb   |
| Silver     | 109-1 | 52.43    | 52.30    | 51.92    | 52.22      | 0.51    | ppb   |
| Silver     | 107-1 | 52.27    | 52.25    | 51.20    | 51.91      | 1.17    | ppb   |
| Sodium     | 23-2  | 4172.36  | 4186.56  | 4168.95  | 4175.96    | 0.22    | ppb   |
| Strontium  | 86-1  | 78.43    | 78.79    | 77.63    | 78.28      | 0.76    | ppb   |
| Strontium  | 88-1  | 78.77    | 78.23    | 78.02    | 78.34      | 0.49    | ppb   |
| Sulfur     | 34-1  | 14439.88 | 14763.54 | 14555.80 | 14586.41   | 1.12    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 50.46    | 51.05    | 50.07    | 50.52      | 0.98    | ppb   |
| Thallium   | 205-1 | 50.16    | 50.54    | 49.93    | 50.21      | 0.61    | ppb   |
| Tin        | 118-1 | 0.15     | 0.13     | 0.18     | 0.15       | 17.27   | ppb   |
| Titanium   | 47-1  | 0.97     | 0.81     | 0.97     | 0.92       | 10.22   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.99   | ppb   |
| Vanadium   | 51-2  | 522.12   | 524.43   | 523.35   | 523.30     | 0.22    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 1454.73  | 1454.62  | 1447.44  | 1452.27    | 0.29    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04     | 0.03     | 0.04       | 15.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:57:04 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.07    | 0.07    | 0.07       | 2.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:00:38 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.13    | 2.10    | 1.64    | 1.96       | 14.01   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.09    | 0.10       | 10.77   | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.04    | 0.04    | 0.04       | 16.10   | ppb   |
| Barium     | 135-1 | 0.34    | 0.31    | 0.23    | 0.29       | 19.70   | ppb   |
| Barium     | 137-1 | 0.26    | 0.27    | 0.21    | 0.24       | 14.17   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.01    | 0.03    | 0.03       | 68.67   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 91         |         | %     |
| Boron      | 10-1  | 1.32    | 1.27    | 1.09    | 1.23       | 10.02   | ppb   |
| Boron      | 11-1  | 1.05    | 1.13    | 1.39    | 1.19       | 14.75   | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.19   | -0.13   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -4.05   | -4.76   | -3.04   | -3.95      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.05    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 21.23   | 16.91   | 25.33   | 21.16      | 19.89   | ppb   |
| Calcium    | 44-1  | 19.45   | 20.71   | 21.90   | 20.69      | 5.92    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.24    | 0.31    | 0.28       | 13.37   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 9.22    | ppb   |
| Copper     | 63-2  | 2.14    | 2.09    | 2.20    | 2.14       | 2.60    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 88         |         | %     |
| Iron       | 56-2  | 4.25    | 4.06    | 4.31    | 4.21       | 3.17    | ppb   |
| Iron       | 57-2  | 4.35    | 2.50    | 4.73    | 3.86       | 30.96   | ppb   |
| Lead       | 206-1 | 0.37    | 0.36    | 0.33    | 0.36       | 5.06    | ppb   |
| Lead       | 207-1 | 0.30    | 0.30    | 0.29    | 0.30       | 2.52    | ppb   |
| Lead       | 208-1 | 0.33    | 0.32    | 0.31    | 0.32       | 2.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1.96    | 0.54    | 1.40    | 1.30       | 55.06   | ppb   |
| Manganese  | 55-2  | 0.18    | 0.16    | 0.19    | 0.18       | 6.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:00:38 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.04    | -0.01    | 0.00     | -0.02      |         | ppb   |
| Molybdenum | 95-1  | 0.01     | -0.02    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.03     | 0.07     | 0.14     | 0.08       | 63.58   | ppb   |
| Phosphorus | 31-2  | -11.28   | -13.99   | -11.35   | -12.21     |         | ppb   |
| Potassium  | 39-2  | -4.26    | -11.50   | -6.65    | -7.47      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 92         |         | %     |
| Scandium   | 45-2  |          |          |          | 79         |         | %     |
| Selenium   | 77-2  | 0.52     | 0.52     | -0.70    | 0.11       | 620.53  | ppb   |
| Selenium   | 78-2  | -1.18    | -0.29    | -1.18    | -0.88      |         | ppb   |
| Selenium   | 82-1  | -0.44    | 0.30     | 0.67     | 0.18       | 321.62  | ppb   |
| Silicon    | 28-1  | -26.00   | -26.21   | -24.73   | -25.65     |         | ppb   |
| Silver     | 109-1 | 0.12     | 0.14     | 0.17     | 0.14       | 14.60   | ppb   |
| Silver     | 107-1 | 0.13     | 0.14     | 0.13     | 0.13       | 4.51    | ppb   |
| Sodium     | 23-2  | 60.90    | 58.87    | 55.95    | 58.57      | 4.25    | ppb   |
| Strontium  | 86-1  | -0.01    | 0.02     | -0.07    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.04     | 0.03     | 0.03     | 0.04       | 18.04   | ppb   |
| Sulfur     | 34-1  | -2846.15 | -2788.82 | -2380.67 | -2671.88   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.04     | 0.04     | 0.03     | 0.04       | 15.93   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.04     | 0.03     | 0.04       | 14.33   | ppb   |
| Tin        | 118-1 | 0.10     | 0.08     | 0.09     | 0.09       | 11.23   | ppb   |
| Titanium   | 47-1  | 0.07     | 0.07     | 0.07     | 0.07       | 6.21    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.21     | 0.21     | 0.25     | 0.22       | 9.14    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 86         |         | %     |
| Zinc       | 66-2  | 6.64     | 6.24     | 5.97     | 6.28       | 5.42    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:00:38 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.02    | 0.02    | 0.01       | 144.20  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:04:11 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.46    | 2.02    | 2.05    | 1.85       | 17.97   | ppb   |
| Antimony   | 121-1 | 0.12    | 0.10    | 0.11    | 0.11       | 5.95    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.02    | 0.02       | 15.81   | ppb   |
| Barium     | 135-1 | 0.16    | 0.17    | 0.17    | 0.16       | 3.65    | ppb   |
| Barium     | 137-1 | 0.15    | 0.17    | 0.13    | 0.15       | 11.71   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.03    | 0.06    | 0.04       | 46.50   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 93         |         | %     |
| Boron      | 10-1  | 1.54    | 1.30    | 1.24    | 1.36       | 11.76   | ppb   |
| Boron      | 11-1  | 1.34    | 1.44    | 1.43    | 1.40       | 4.08    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.16   | -0.14   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -2.52   | -4.19   | -3.17   | -3.29      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | 0.02    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 20.65   | 20.00   | 20.61   | 20.42      | 1.79    | ppb   |
| Calcium    | 44-1  | 18.72   | 16.70   | 16.53   | 17.32      | 7.02    | ppb   |
| Chromium   | 52-2  | 0.21    | 0.17    | 0.22    | 0.20       | 12.28   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 19.30   | ppb   |
| Copper     | 63-2  | 2.18    | 2.21    | 2.28    | 2.22       | 2.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 90         |         | %     |
| Iron       | 56-2  | 1.41    | 1.31    | 1.58    | 1.43       | 9.53    | ppb   |
| Iron       | 57-2  | 1.25    | -0.01   | -0.29   | 0.32       | 260.33  | ppb   |
| Lead       | 206-1 | 0.26    | 0.23    | 0.22    | 0.24       | 7.32    | ppb   |
| Lead       | 207-1 | 0.21    | 0.19    | 0.19    | 0.20       | 4.63    | ppb   |
| Lead       | 208-1 | 0.21    | 0.20    | 0.21    | 0.21       | 3.13    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 0.95    | 1.32    | 1.86    | 1.38       | 33.07   | ppb   |
| Manganese  | 55-2  | 0.10    | 0.11    | 0.14    | 0.12       | 18.69   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:04:11 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02    | 0.00     | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.05     | -0.03    | 0.01       | 768.04  | ppb   |
| Phosphorus | 31-2  | -25.47   | -15.30   | -4.14    | -14.97     |         | ppb   |
| Potassium  | 39-2  | -0.82    | -8.62    | 2.15     | -2.43      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 82         |         | %     |
| Selenium   | 77-2  | 0.49     | -0.70    | -0.10    | -0.10      |         | ppb   |
| Selenium   | 78-2  | -1.92    | -1.83    | -0.58    | -1.44      |         | ppb   |
| Selenium   | 82-1  | -0.04    | -0.48    | 0.20     | -0.11      |         | ppb   |
| Silicon    | 28-1  | -25.79   | -25.84   | -26.75   | -26.13     |         | ppb   |
| Silver     | 109-1 | 0.14     | 0.15     | 0.15     | 0.14       | 4.76    | ppb   |
| Silver     | 107-1 | 0.12     | 0.11     | 0.18     | 0.14       | 26.35   | ppb   |
| Sodium     | 23-2  | 87.15    | 89.02    | 83.71    | 86.63      | 3.11    | ppb   |
| Strontium  | 86-1  | 0.00     | -0.04    | -0.07    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.04     | 0.05     | 0.04     | 0.04       | 10.99   | ppb   |
| Sulfur     | 34-1  | -1809.44 | -1846.20 | -1525.49 | -1727.04   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.65    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.01     | 0.02       | 29.43   | ppb   |
| Tin        | 118-1 | 0.09     | 0.06     | 0.08     | 0.08       | 18.76   | ppb   |
| Titanium   | 47-1  | 0.00     | 0.03     | 0.04     | 0.02       | 94.26   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.20     | 0.18     | 0.16     | 0.18       | 9.96    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 7.16     | 7.11     | 6.78     | 7.02       | 2.95    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:04:11 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.00    | 0.02       | 105.21  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:07:44 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.38     | 3.41     | 4.58     | 4.12       | 15.09   | ppb   |
| Antimony   | 121-1 | 0.10     | 0.11     | 0.15     | 0.12       | 21.77   | ppb   |
| Arsenic    | 75-2  | 1.69     | 1.74     | 1.73     | 1.72       | 1.60    | ppb   |
| Barium     | 135-1 | 26.24    | 25.14    | 25.83    | 25.74      | 2.15    | ppb   |
| Barium     | 137-1 | 25.88    | 26.20    | 26.08    | 26.06      | 0.62    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.03     | 0.02     | 0.02       | 48.34   | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 7.24     | 7.68     | 9.09     | 8.00       | 12.04   | ppb   |
| Boron      | 11-1  | 8.22     | 8.04     | 7.75     | 8.00       | 2.95    | ppb   |
| Cadmium    | 111-1 | -0.09    | -0.10    | -0.15    | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -2.27    | -2.44    | -3.86    | -2.85      |         | ppb   |
| Cadmium    | 108-1 | 0.32     | 0.45     | 0.22     | 0.33       | 35.27   | ppb   |
| Calcium    | 43-1  | 12778.51 | 12890.23 | 12698.51 | 12789.08   | 0.75    | ppb   |
| Calcium    | 44-1  | 12889.82 | 12993.60 | 12991.47 | 12958.30   | 0.46    | ppb   |
| Chromium   | 52-2  | 0.12     | 0.11     | 0.15     | 0.13       | 17.26   | ppb   |
| Cobalt     | 59-2  | 2.19     | 2.15     | 2.05     | 2.13       | 3.30    | ppb   |
| Copper     | 63-2  | 1.53     | 1.53     | 1.54     | 1.53       | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 1348.97  | 1355.32  | 1344.64  | 1349.64    | 0.40    | ppb   |
| Iron       | 57-2  | 1359.00  | 1369.80  | 1362.20  | 1363.66    | 0.41    | ppb   |
| Lead       | 206-1 | 0.20     | 0.20     | 0.20     | 0.20       | 0.46    | ppb   |
| Lead       | 207-1 | 0.19     | 0.18     | 0.16     | 0.18       | 9.08    | ppb   |
| Lead       | 208-1 | 0.19     | 0.19     | 0.19     | 0.19       | 1.47    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 6470.74  | 6456.78  | 6509.29  | 6478.93    | 0.42    | ppb   |
| Manganese  | 55-2  | 946.64   | 952.01   | 942.04   | 946.89     | 0.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:07:44 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09     | 0.13     | 0.14     | 0.12       | 21.76   | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.19     | 0.13     | 0.14       | 28.16   | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.12     | 0.13     | 0.13       | 7.18    | ppb   |
| Molybdenum | 97-1  | 0.11     | 0.10     | 0.06     | 0.09       | 30.12   | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.12     | 0.12     | 0.12       | 1.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.82     | 3.64     | 3.69     | 3.71       | 2.50    | ppb   |
| Phosphorus | 31-2  | 3.31     | 22.79    | 11.46    | 12.52      | 78.12   | ppb   |
| Potassium  | 39-2  | 928.86   | 933.07   | 937.70   | 933.21     | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 89         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | -0.10    | -0.09    | -0.70    | -0.29      |         | ppb   |
| Selenium   | 78-2  | -0.81    | -1.18    | -1.01    | -1.00      |         | ppb   |
| Selenium   | 82-1  | 0.32     | -0.72    | 0.06     | -0.11      |         | ppb   |
| Silicon    | 28-1  | 4031.28  | 4067.08  | 4043.98  | 4047.44    | 0.45    | ppb   |
| Silver     | 109-1 | 0.09     | 0.07     | 0.09     | 0.08       | 10.43   | ppb   |
| Silver     | 107-1 | 0.09     | 0.08     | 0.09     | 0.09       | 10.96   | ppb   |
| Sodium     | 23-2  | 2319.61  | 2342.87  | 2319.93  | 2327.47    | 0.57    | ppb   |
| Strontium  | 86-1  | 38.28    | 38.96    | 38.49    | 38.58      | 0.90    | ppb   |
| Strontium  | 88-1  | 38.07    | 38.19    | 38.20    | 38.15      | 0.18    | ppb   |
| Sulfur     | 34-1  | 12182.05 | 12348.25 | 12014.28 | 12181.53   | 1.37    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 15.77   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.56   | ppb   |
| Tin        | 118-1 | 0.02     | 0.03     | 0.01     | 0.02       | 58.24   | ppb   |
| Titanium   | 47-1  | 0.39     | 0.49     | 0.27     | 0.38       | 29.28   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.00     | 0.00       | 41.52   | ppb   |
| Vanadium   | 51-2  | 0.13     | 0.13     | 0.15     | 0.14       | 7.03    | ppb   |
| Yttrium    | 89-1  |          |          |          | 95         |         | %     |
| Yttrium    | 89-2  |          |          |          | 87         |         | %     |
| Zinc       | 66-2  | 1115.67  | 1120.50  | 1110.73  | 1115.63    | 0.44    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.03     | 0.03     | 0.02       | 41.03   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:07:44 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.07    | 0.05       | 47.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 15:11:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.17    | 3.39    | 4.64    | 3.40       | 36.35   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.07       | 6.79    | ppb   |
| Arsenic    | 75-2  | 2.81    | 2.99    | 2.97    | 2.92       | 3.33    | ppb   |
| Barium     | 135-1 | 6.61    | 6.85    | 6.73    | 6.73       | 1.76    | ppb   |
| Barium     | 137-1 | 6.85    | 7.08    | 7.13    | 7.02       | 2.15    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.02    | 0.01       | 157.09  | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 89         |         | %     |
| Boron      | 10-1  | 3.00    | 3.28    | 3.98    | 3.42       | 14.80   | ppb   |
| Boron      | 11-1  | 3.92    | 3.99    | 3.39    | 3.76       | 8.73    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.16   | -0.08   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.77   | -3.81   | -2.19   | -2.59      |         | ppb   |
| Cadmium    | 108-1 | 0.47    | 0.48    | 0.35    | 0.43       | 16.27   | ppb   |
| Calcium    | 43-1  | 5805.81 | 5719.41 | 5829.05 | 5784.76    | 1.00    | ppb   |
| Calcium    | 44-1  | 5758.66 | 5739.21 | 5736.72 | 5744.87    | 0.21    | ppb   |
| Chromium   | 52-2  | 0.15    | 0.10    | 0.12    | 0.12       | 24.08   | ppb   |
| Cobalt     | 59-2  | 1.62    | 1.63    | 1.53    | 1.59       | 3.33    | ppb   |
| Copper     | 63-2  | 1.01    | 0.96    | 1.01    | 0.99       | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 93         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 85         |         | %     |
| Iron       | 56-2  | 3701.32 | 3691.28 | 3699.24 | 3697.28    | 0.14    | ppb   |
| Iron       | 57-2  | 3591.15 | 3584.33 | 3601.17 | 3592.22    | 0.24    | ppb   |
| Lead       | 206-1 | 0.09    | 0.09    | 0.08    | 0.09       | 4.19    | ppb   |
| Lead       | 207-1 | 0.07    | 0.04    | 0.06    | 0.06       | 23.50   | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.06    | 0.07       | 5.63    | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-2  | 3531.89 | 3538.38 | 3530.96 | 3533.75    | 0.11    | ppb   |
| Manganese  | 55-2  | 1073.38 | 1072.98 | 1079.09 | 1075.15    | 0.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 15:11:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.17    | 0.15    | 0.09    | 0.14       | 28.01   | ppb   |
| Molybdenum | 95-1  | 0.20    | 0.18    | 0.15    | 0.18       | 15.12   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.18    | 0.19    | 0.16       | 23.71   | ppb   |
| Molybdenum | 97-1  | 0.15    | 0.15    | 0.14    | 0.14       | 4.60    | ppb   |
| Molybdenum | 98-1  | 0.19    | 0.17    | 0.15    | 0.17       | 11.08   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.96    | 0.93    | 0.94    | 0.94       | 1.72    | ppb   |
| Phosphorus | 31-2  | 0.57    | 20.29   | 0.61    | 7.16       | 158.86  | ppb   |
| Potassium  | 39-2  | 363.95  | 356.55  | 362.81  | 361.10     | 1.10    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 87         |         | %     |
| Scandium   | 45-1  |         |         |         | 91         |         | %     |
| Scandium   | 45-2  |         |         |         | 78         |         | %     |
| Selenium   | 77-2  | -0.70   | -0.08   | -0.70   | -0.49      |         | ppb   |
| Selenium   | 78-2  | 0.02    | -0.01   | -1.31   | -0.43      |         | ppb   |
| Selenium   | 82-1  | 0.27    | 0.10    | -0.04   | 0.11       | 143.34  | ppb   |
| Silicon    | 28-1  | 2171.05 | 2170.07 | 2164.92 | 2168.68    | 0.15    | ppb   |
| Silver     | 109-1 | 0.05    | 0.05    | 0.05    | 0.05       | 1.98    | ppb   |
| Silver     | 107-1 | 0.04    | 0.05    | 0.04    | 0.05       | 19.75   | ppb   |
| Sodium     | 23-2  | 1399.75 | 1402.65 | 1382.81 | 1395.07    | 0.77    | ppb   |
| Strontium  | 86-1  | 27.28   | 26.88   | 26.87   | 27.01      | 0.86    | ppb   |
| Strontium  | 88-1  | 27.17   | 27.15   | 26.86   | 27.06      | 0.65    | ppb   |
| Sulfur     | 34-1  | 4889.32 | 5030.86 | 4860.13 | 4926.77    | 1.85    | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 94         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.02    | 0.00    | 0.01       | 113.37  | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.60   | ppb   |
| Tin        | 118-1 | -0.02   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.23    | 0.24    | 0.22    | 0.23       | 5.63    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.54   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.08    | 0.06    | 0.07       | 14.27   | ppb   |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Yttrium    | 89-2  |         |         |         | 84         |         | %     |
| Zinc       | 66-2  | 1576.85 | 1586.39 | 1594.60 | 1585.94    | 0.56    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 23.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 15:11:17 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.00    | 0.02       | 104.44  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-05-16 15:14:50 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.93    | 0.68    | 0.80    | 0.80       | 15.69   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.04       | 23.89   | ppb   |
| Arsenic    | 75-2  | 1.11    | 1.38    | 1.34    | 1.28       | 11.71   | ppb   |
| Barium     | 135-1 | 3.88    | 3.73    | 3.74    | 3.78       | 2.29    | ppb   |
| Barium     | 137-1 | 4.19    | 3.97    | 4.12    | 4.09       | 2.80    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.04    | 0.03    | 0.03       | 40.16   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 89         |         | %     |
| Boron      | 10-1  | 2.18    | 1.84    | 1.96    | 2.00       | 8.71    | ppb   |
| Boron      | 11-1  | 1.86    | 1.73    | 2.06    | 1.88       | 8.74    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.12   | -0.09   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -2.39   | -2.85   | -1.73   | -2.32      |         | ppb   |
| Cadmium    | 108-1 | 0.39    | 0.22    | 0.35    | 0.32       | 27.71   | ppb   |
| Calcium    | 43-1  | 5262.71 | 5326.83 | 5309.16 | 5299.57    | 0.62    | ppb   |
| Calcium    | 44-1  | 5307.41 | 5280.75 | 5276.00 | 5288.05    | 0.32    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.03    | 0.05    | 0.04       | 25.90   | ppb   |
| Cobalt     | 59-2  | 0.95    | 0.87    | 1.00    | 0.94       | 6.51    | ppb   |
| Copper     | 63-2  | 0.62    | 0.69    | 0.68    | 0.66       | 5.89    | 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 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 93         |         | %     |
| Indium     | 115-1 |         |         |         | 96         |         | %     |
| Indium     | 115-2 |         |         |         | 85         |         | %     |
| Iron       | 56-2  | 881.66  | 876.94  | 876.14  | 878.25     | 0.34    | ppb   |
| Iron       | 57-2  | 883.58  | 889.23  | 886.87  | 886.56     | 0.32    | ppb   |
| Lead       | 206-1 | 0.08    | 0.10    | 0.06    | 0.08       | 20.30   | ppb   |
| Lead       | 207-1 | 0.06    | 0.07    | 0.05    | 0.06       | 14.46   | ppb   |
| Lead       | 208-1 | 0.07    | 0.08    | 0.07    | 0.07       | 7.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 92         |         | %     |
| Magnesium  | 24-2  | 1982.33 | 1990.43 | 1996.10 | 1989.62    | 0.35    | ppb   |
| Manganese  | 55-2  | 339.11  | 336.40  | 338.82  | 338.11     | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-05-16 15:14:50 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.03    | 0.01       | 120.90  | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.06    | 0.06    | 0.05       | 53.44   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.02    | 0.03    | 0.03       | 45.26   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.06    | 0.01    | 0.03       | 65.60   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.01    | 0.06    | 0.04       | 66.97   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.98    | 1.07    | 1.07    | 1.04       | 4.88    | ppb   |
| Phosphorus | 31-2  | 0.20    | -22.17  | 13.11   | -2.95      |         | ppb   |
| Potassium  | 39-2  | 292.42  | 292.08  | 298.01  | 294.17     | 1.13    | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 86         |         | %     |
| Scandium   | 45-1  |         |         |         | 89         |         | %     |
| Scandium   | 45-2  |         |         |         | 78         |         | %     |
| Selenium   | 77-2  | -0.70   | -0.70   | -0.70   | -0.70      |         | ppb   |
| Selenium   | 78-2  | -0.58   | -0.99   | -0.51   | -0.69      |         | ppb   |
| Selenium   | 82-1  | -1.06   | -0.79   | -0.49   | -0.78      |         | ppb   |
| Silicon    | 28-1  | 902.26  | 891.49  | 908.57  | 900.78     | 0.96    | ppb   |
| Silver     | 109-1 | 0.04    | 0.03    | 0.03    | 0.03       | 8.11    | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.02    | 0.03       | 19.05   | ppb   |
| Sodium     | 23-2  | 2110.05 | 2132.34 | 2110.56 | 2117.65    | 0.60    | ppb   |
| Strontium  | 86-1  | 14.58   | 14.17   | 14.39   | 14.38      | 1.44    | ppb   |
| Strontium  | 88-1  | 14.09   | 14.30   | 14.22   | 14.20      | 0.74    | ppb   |
| Sulfur     | 34-1  | 6818.96 | 6672.29 | 6858.69 | 6783.31    | 1.45    | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 93         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.01    | 0.01       | 39.35   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 42.35   | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.07    | 0.07    | 0.18    | 0.11       | 55.67   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 66.81   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.03    | 0.04       | 6.05    | ppb   |
| Yttrium    | 89-1  |         |         |         | 94         |         | %     |
| Yttrium    | 89-2  |         |         |         | 84         |         | %     |
| Zinc       | 66-2  | 1063.76 | 1059.55 | 1065.34 | 1062.88    | 0.28    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-05-16 15:14:50 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 19.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:18:24 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2.51     | 2.05     | 1.57     | 2.04       | 22.91   | ppb   |
| Antimony   | 121-1 | 0.17     | 0.16     | 0.18     | 0.17       | 5.48    | ppb   |
| Arsenic    | 75-2  | 0.21     | 0.13     | 0.12     | 0.15       | 32.23   | ppb   |
| Barium     | 135-1 | 17.11    | 17.25    | 16.71    | 17.02      | 1.63    | ppb   |
| Barium     | 137-1 | 16.84    | 16.65    | 17.44    | 16.97      | 2.43    | ppb   |
| Beryllium  | 9-1   | 0.05     | 0.02     | 0.02     | 0.03       | 49.93   | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 9.17     | 8.57     | 7.69     | 8.47       | 8.80    | ppb   |
| Boron      | 11-1  | 7.52     | 8.29     | 7.81     | 7.87       | 4.94    | ppb   |
| Cadmium    | 111-1 | 4.18     | 3.93     | 3.89     | 4.00       | 3.93    | ppb   |
| Cadmium    | 106-1 | 0.09     | -0.31    | 0.11     | -0.04      |         | ppb   |
| Cadmium    | 108-1 | 4.24     | 4.08     | 4.76     | 4.36       | 8.14    | ppb   |
| Calcium    | 43-1  | 18150.45 | 18199.05 | 17943.71 | 18097.73   | 0.75    | ppb   |
| Calcium    | 44-1  | 18322.14 | 18448.45 | 18393.70 | 18388.10   | 0.34    | ppb   |
| Chromium   | 52-2  | 0.14     | 0.14     | 0.13     | 0.14       | 1.69    | ppb   |
| Cobalt     | 59-2  | 0.76     | 0.74     | 0.73     | 0.74       | 1.98    | ppb   |
| Copper     | 63-2  | 1.32     | 1.28     | 1.33     | 1.31       | 2.03    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 9.98     | 9.60     | 9.36     | 9.64       | 3.27    | ppb   |
| Iron       | 57-2  | 40.44    | 36.07    | 39.88    | 38.80      | 6.13    | ppb   |
| Lead       | 206-1 | 0.17     | 0.17     | 0.20     | 0.18       | 9.21    | ppb   |
| Lead       | 207-1 | 0.14     | 0.15     | 0.15     | 0.15       | 4.24    | ppb   |
| Lead       | 208-1 | 0.16     | 0.15     | 0.16     | 0.16       | 3.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 5609.69  | 5679.30  | 5648.51  | 5645.83    | 0.62    | ppb   |
| Manganese  | 55-2  | 875.82   | 883.71   | 876.90   | 878.81     | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:18:24 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.06     | 0.03       | 58.55   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.05     | 0.06     | 0.05       | 28.53   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.05     | 0.07     | 0.06       | 17.74   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.04     | 0.06     | 0.05       | 17.78   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.05     | 0.05     | 0.05       | 5.67    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.07     | 1.92     | 1.88     | 1.96       | 5.15    | ppb   |
| Phosphorus | 31-2  | -17.12   | 6.42     | 8.50     | -0.73      |         | ppb   |
| Potassium  | 39-2  | 1572.51  | 1583.13  | 1593.18  | 1582.94    | 0.65    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 82         |         | %     |
| Selenium   | 77-2  | -0.10    | -0.70    | 0.50     | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.26     | -1.24    | 1.38     | 0.13       | 981.14  | ppb   |
| Selenium   | 82-1  | 0.65     | -0.06    | 0.65     | 0.41       | 99.73   | ppb   |
| Silicon    | 28-1  | 2723.66  | 2745.20  | 2703.39  | 2724.08    | 0.77    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.09     | 0.09       | 3.03    | ppb   |
| Silver     | 107-1 | 0.10     | 0.10     | 0.08     | 0.09       | 11.37   | ppb   |
| Sodium     | 23-2  | 2163.69  | 2168.00  | 2165.22  | 2165.64    | 0.10    | ppb   |
| Strontium  | 86-1  | 45.47    | 46.20    | 46.11    | 45.93      | 0.87    | ppb   |
| Strontium  | 88-1  | 46.49    | 46.16    | 45.98    | 46.21      | 0.55    | ppb   |
| Sulfur     | 34-1  | 18952.42 | 19145.80 | 18851.35 | 18983.19   | 0.79    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 23.32   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.62    | ppb   |
| Tin        | 118-1 | 0.04     | 0.02     | 0.02     | 0.03       | 43.81   | ppb   |
| Titanium   | 47-1  | 0.22     | 0.29     | 0.34     | 0.28       | 22.85   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 6.65    | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.10     | 0.08     | 0.09       | 12.44   | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 87         |         | %     |
| Zinc       | 66-2  | 1276.47  | 1283.81  | 1278.34  | 1279.54    | 0.30    | ppb   |
| Zirconium  | 90-1  | -0.01    | 0.01     | 0.01     | 0.00       | 403.11  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:18:24 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.02    | 0.02       | 67.48   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:25:31 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.01    | 0.24    | 0.02    | 0.09       | 145.76  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 27.16   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.02    | 0.00       | 1617.10 | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.01    | 0.01       | 31.80   | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.01    | 0.01       | 116.45  | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.02    | 0.01       | 39.25   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 0.00    | 0.38    | -0.07   | 0.10       | 227.02  | ppb   |
| Boron      | 11-1  | 0.10    | 0.00    | -0.05   | 0.02       | 487.49  | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.17   | -0.17   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -3.48   | -3.85   | -3.99   | -3.77      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.05   | -0.05   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 11.98   | 12.70   | 15.34   | 13.34      | 13.24   | ppb   |
| Calcium    | 44-1  | 10.21   | 7.80    | 8.02    | 8.68       | 15.36   | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 234.10  | ppb   |
| Copper     | 63-2  | 0.24    | 0.30    | 0.22    | 0.25       | 16.25   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | -0.48   | -0.39   | -0.30   | -0.39      |         | ppb   |
| Iron       | 57-2  | -2.05   | -1.87   | -0.95   | -1.62      |         | ppb   |
| Lead       | 206-1 | 0.05    | 0.03    | 0.04    | 0.04       | 21.66   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.02    | 0.02       | 41.99   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.36    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | -0.67   | 0.11    | 0.45    | -0.04      |         | ppb   |
| Manganese  | 55-2  | 0.02    | 0.00    | 0.01    | 0.01       | 127.39  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:25:31 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.05    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Molybdenum | 95-1  | -0.02    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.03    | -0.08    | -0.06    | -0.06      |         | ppb   |
| Phosphorus | 31-2  | -19.51   | -23.21   | -26.97   | -23.23     |         | ppb   |
| Potassium  | 39-2  | -23.72   | -16.63   | -13.08   | -17.81     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | -0.13    | -0.70    | -0.70    | -0.51      |         | ppb   |
| Selenium   | 78-2  | -1.30    | -1.09    | -0.80    | -1.07      |         | ppb   |
| Selenium   | 82-1  | 0.21     | 0.43     | -0.14    | 0.17       | 173.74  | ppb   |
| Silicon    | 28-1  | -27.07   | -26.45   | -26.34   | -26.62     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01     | 0.01       | 24.21   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.01     | 0.01       | 43.34   | ppb   |
| Sodium     | 23-2  | 10.52    | 10.08    | 12.00    | 10.87      | 9.26    | ppb   |
| Strontium  | 86-1  | -0.02    | 0.05     | 0.00     | 0.01       | 542.31  | ppb   |
| Strontium  | 88-1  | 0.08     | 0.08     | 0.09     | 0.08       | 6.46    | ppb   |
| Sulfur     | 34-1  | -1564.48 | -1258.17 | -1305.00 | -1375.88   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.00     | 0.00       | 74.52   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.00     | 0.00       | 87.81   | ppb   |
| Tin        | 118-1 | -0.10    | -0.08    | -0.10    | -0.09      |         | ppb   |
| Titanium   | 47-1  | -0.01    | -0.03    | 0.01     | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.02     | 0.03     | 0.03       | 18.44   | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 0.80     | 0.92     | 0.99     | 0.90       | 10.85   | ppb   |
| Zirconium  | 90-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:25:31 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | -0.01   | 0.00    | 0.01       | 234.82  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:29:04 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | 0.57    | 0.13    | 0.27       | 95.29   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.00    | 0.00       | 640.05  | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.00    | 0.01       | 88.65   | ppb   |
| Barium     | 137-1 | 0.02    | 0.00    | 0.01    | 0.01       | 99.48   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.03    | 0.02       | 92.28   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 0.13    | 0.02    | 0.11    | 0.09       | 71.79   | ppb   |
| Boron      | 11-1  | -0.14   | 0.07    | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.24   | -0.22   | -0.19      |         | ppb   |
| Cadmium    | 106-1 | -2.90   | -5.37   | -4.87   | -4.38      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.05   | 0.01    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 11.67   | 8.97    | 13.36   | 11.33      | 19.55   | ppb   |
| Calcium    | 44-1  | 5.33    | 4.74    | 4.07    | 4.71       | 13.37   | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.16    | 0.18    | 0.20    | 0.18       | 10.09   | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | -0.74   | -0.50   | -0.60   | -0.61      |         | ppb   |
| Iron       | 57-2  | -1.30   | -1.51   | -1.79   | -1.54      |         | ppb   |
| Lead       | 206-1 | 0.03    | 0.03    | 0.04    | 0.03       | 24.79   | ppb   |
| Lead       | 207-1 | 0.03    | 0.04    | 0.03    | 0.03       | 33.20   | ppb   |
| Lead       | 208-1 | 0.03    | 0.04    | 0.03    | 0.03       | 12.77   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | -0.16   | 0.16    | -0.11   | -0.04      |         | ppb   |
| Manganese  | 55-2  | -0.01   | 0.02    | 0.00    | 0.00       | 478.16  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:29:04 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03    | 0.01     | -0.04   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03    | 0.00     | -0.04   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.05    | -0.08    | -0.01   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | -14.01   | -23.25   | -24.88  | -20.71     |         | ppb   |
| Potassium  | 39-2  | -20.54   | -19.22   | -19.70  | -19.82     |         | ppb   |
| Rhodium    | 103-1 |          |          |         | 102        |         | %     |
| Rhodium    | 103-2 |          |          |         | 94         |         | %     |
| Scandium   | 45-1  |          |          |         | 98         |         | %     |
| Scandium   | 45-2  |          |          |         | 86         |         | %     |
| Selenium   | 77-2  | -0.70    | -0.70    | -0.12   | -0.51      |         | ppb   |
| Selenium   | 78-2  | -1.66    | -0.45    | -1.73   | -1.28      |         | ppb   |
| Selenium   | 82-1  | 0.21     | 0.64     | -0.05   | 0.27       | 130.83  | ppb   |
| Silicon    | 28-1  | -26.68   | -25.96   | -24.62  | -25.76     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.01     | 0.01    | 0.01       | 28.62   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.01    | 0.01       | 26.60   | ppb   |
| Sodium     | 23-2  | 9.16     | 10.78    | 10.89   | 10.28      | 9.42    | ppb   |
| Strontium  | 86-1  | 0.04     | 0.10     | 0.05    | 0.06       | 53.04   | ppb   |
| Strontium  | 88-1  | 0.08     | 0.08     | 0.08    | 0.08       | 4.95    | ppb   |
| Sulfur     | 34-1  | -1494.72 | -1199.25 | -994.07 | -1229.35   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 110        |         | %     |
| Terbium    | 159-2 |          |          |         | 101        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00    | 0.00       | 248.26  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00    | 0.00       | 58.16   | ppb   |
| Tin        | 118-1 | -0.10    | -0.10    | -0.09   | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.06     | -0.03    | -0.01   | 0.00       | 1068.08 | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.02     | 0.03    | 0.03       | 28.36   | ppb   |
| Yttrium    | 89-1  |          |          |         | 103        |         | %     |
| Yttrium    | 89-2  |          |          |         | 92         |         | %     |
| Zinc       | 66-2  | 1.06     | 1.31     | 1.46    | 1.28       | 15.90   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:29:04 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 40.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:32:38 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.00    | 0.11    | -0.22   | -0.03      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | 383.66  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 58.56   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.01    | 0.01       | 79.69   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 0.01    | -0.06   | 0.03    | -0.01      |         | ppb   |
| Boron      | 11-1  | 0.06    | -0.05   | -0.06   | -0.02      |         | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.14   | -0.18   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -4.18   | -3.17   | -4.03   | -3.80      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | -0.08   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -1.67   | -1.98   | -1.20   | -1.62      |         | ppb   |
| Calcium    | 44-1  | -7.20   | -6.57   | -6.92   | -6.90      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 245.77  | ppb   |
| Copper     | 63-2  | 0.20    | 0.20    | 0.14    | 0.18       | 17.58   | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 8.69    | 8.39    | 8.62    | 8.57       | 1.79    | ppb   |
| Iron       | 57-2  | 7.47    | 5.11    | 8.03    | 6.87       | 22.55   | ppb   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.04    | 0.03       | 31.36   | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.40   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.03    | 0.03       | 16.10   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | -0.21   | -0.01   | -0.76   | -0.33      |         | ppb   |
| Manganese  | 55-2  | 0.08    | 0.05    | 0.11    | 0.08       | 34.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:32:38 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.08    | -0.06    | -0.10    | -0.08      |         | ppb   |
| Phosphorus | 31-2  | -10.13   | -8.10    | -16.12   | -11.45     |         | ppb   |
| Potassium  | 39-2  | -20.56   | -23.52   | -25.55   | -23.21     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | -0.70    | -0.70    | -0.70    | -0.70      |         | ppb   |
| Selenium   | 78-2  | -0.49    | -0.39    | -0.89    | -0.59      |         | ppb   |
| Selenium   | 82-1  | -0.80    | -0.10    | 0.24     | -0.22      |         | ppb   |
| Silicon    | 28-1  | -26.72   | -26.63   | -25.69   | -26.35     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01     | 0.01       | 33.04   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00     | 0.00       | 41.91   | ppb   |
| Sodium     | 23-2  | 7.82     | 7.47     | 6.31     | 7.20       | 10.96   | ppb   |
| Strontium  | 86-1  | 0.00     | -0.04    | 0.00     | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 209.81  | ppb   |
| Sulfur     | 34-1  | -1313.52 | -1307.65 | -1118.64 | -1246.61   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 47.72   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.01     | 0.00       | 84.25   | ppb   |
| Tin        | 118-1 | -0.11    | -0.09    | -0.10    | -0.10      |         | ppb   |
| Titanium   | 47-1  | -0.05    | 0.03     | -0.03    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.03     | 0.03     | 0.03       | 8.19    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 0.18     | 0.20     | 0.18     | 0.19       | 8.19    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.02    | 0.00     | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:32:38 | DataFile Name :   | 058SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:36:11 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.57    | -0.11   | 0.87    | 0.44       | 113.96  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | 0.02    | 0.01       | 63.30   | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.01    | 0.01       | 35.14   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.03    | 0.01       | 77.94   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 0.35    | 0.11    | 0.03    | 0.16       | 102.55  | ppb   |
| Boron      | 11-1  | 0.15    | 0.24    | 0.17    | 0.19       | 24.39   | ppb   |
| Cadmium    | 111-1 | -0.19   | -0.11   | -0.23   | -0.18      |         | ppb   |
| Cadmium    | 106-1 | -4.29   | -2.39   | -5.33   | -4.00      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 7.90    | 7.12    | 4.35    | 6.45       | 28.90   | ppb   |
| Calcium    | 44-1  | 0.58    | -1.45   | -1.18   | -0.68      |         | ppb   |
| Chromium   | 52-2  | -0.01   | 0.00    | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.12    | 0.19    | 0.13    | 0.15       | 27.33   | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | -0.24   | -0.35   | -0.44   | -0.34      |         | ppb   |
| Iron       | 57-2  | -1.30   | -1.88   | -1.72   | -1.63      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.05    | 0.04       | 15.47   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.03    | 0.04       | 13.73   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.21    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | -0.41   | -0.54   | -0.72   | -0.56      |         | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.03    | 0.02       | 56.23   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:36:11 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.04    | -0.05   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.09   | -0.05   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | -23.38   | -20.46  | -18.29  | -20.71     |         | ppb   |
| Potassium  | 39-2  | -8.46    | -27.43  | -15.66  | -17.19     |         | ppb   |
| Rhodium    | 103-1 |          |         |         | 104        |         | %     |
| Rhodium    | 103-2 |          |         |         | 96         |         | %     |
| Scandium   | 45-1  |          |         |         | 99         |         | %     |
| Scandium   | 45-2  |          |         |         | 88         |         | %     |
| Selenium   | 77-2  | -0.13    | 0.41    | -0.70   | -0.14      |         | ppb   |
| Selenium   | 78-2  | -1.28    | -0.30   | -1.71   | -1.10      |         | ppb   |
| Selenium   | 82-1  | 0.13     | 0.17    | 0.55    | 0.29       | 80.67   | ppb   |
| Silicon    | 28-1  | -27.92   | -27.10  | -27.03  | -27.35     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.01    | 0.01    | 0.01       | 31.24   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01    | 0.00    | 0.00       | 61.86   | ppb   |
| Sodium     | 23-2  | 11.73    | 9.05    | 5.88    | 8.89       | 32.94   | ppb   |
| Strontium  | 86-1  | -0.03    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01    | 0.01    | 0.01       | 23.06   | ppb   |
| Sulfur     | 34-1  | -1013.86 | -939.52 | -823.70 | -925.69    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 110        |         | %     |
| Terbium    | 159-2 |          |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01    | 0.01    | 0.01       | 19.10   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00    | 0.00    | 0.00       | 15.83   | ppb   |
| Tin        | 118-1 | -0.10    | -0.09   | -0.11   | -0.10      |         | ppb   |
| Titanium   | 47-1  | -0.06    | 0.03    | -0.02   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04    | 0.02    | 0.03       | 22.99   | ppb   |
| Yttrium    | 89-1  |          |         |         | 104        |         | %     |
| Yttrium    | 89-2  |          |         |         | 93         |         | %     |
| Zinc       | 66-2  | 2.74     | 0.95    | 0.79    | 1.50       | 72.23   | ppb   |
| Zirconium  | 90-1  | -0.01    | 0.00    | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:36:11 | DataFile Name :   | 059SMPL.d |

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

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 15:47:23 | DataFile Name :   | 060CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49649.43  | 50339.59  | 50475.75  | 50154.92   | 0.88    | ppb   |
| Antimony   | 121-1 | 495.36    | 493.54    | 492.20    | 493.70     | 0.32    | ppb   |
| Arsenic    | 75-2  | 504.36    | 502.66    | 507.50    | 504.84     | 0.49    | ppb   |
| Barium     | 135-1 | 2478.57   | 2469.55   | 2450.59   | 2466.24    | 0.58    | ppb   |
| Barium     | 137-1 | 2530.81   | 2536.54   | 2516.76   | 2528.04    | 0.40    | ppb   |
| Beryllium  | 9-1   | 526.52    | 520.68    | 527.12    | 524.77     | 0.68    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 509.99    | 512.74    | 519.77    | 514.17     | 0.98    | ppb   |
| Boron      | 11-1  | 516.05    | 518.83    | 523.12    | 519.33     | 0.69    | ppb   |
| Cadmium    | 111-1 | 491.20    | 493.35    | 484.82    | 489.79     | 0.91    | ppb   |
| Cadmium    | 106-1 | 500.75    | 495.79    | 497.66    | 498.07     | 0.50    | ppb   |
| Cadmium    | 108-1 | 502.63    | 494.84    | 497.79    | 498.42     | 0.79    | ppb   |
| Calcium    | 43-1  | 248683.42 | 250769.30 | 250557.41 | 250003.38  | 0.46    | ppb   |
| Calcium    | 44-1  | 248220.93 | 250813.24 | 250775.51 | 249936.56  | 0.59    | ppb   |
| Chromium   | 52-2  | 520.91    | 521.74    | 528.83    | 523.83     | 0.83    | ppb   |
| Cobalt     | 59-2  | 493.79    | 495.15    | 498.13    | 495.69     | 0.45    | ppb   |
| Copper     | 63-2  | 961.73    | 974.97    | 978.14    | 971.61     | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 131778.97 | 132983.79 | 133550.63 | 132771.13  | 0.68    | ppb   |
| Iron       | 57-2  | 132188.30 | 132528.35 | 133797.30 | 132837.98  | 0.64    | ppb   |
| Lead       | 206-1 | 495.15    | 499.70    | 500.20    | 498.35     | 0.56    | ppb   |
| Lead       | 207-1 | 494.02    | 499.50    | 497.95    | 497.15     | 0.57    | ppb   |
| Lead       | 208-1 | 498.31    | 502.41    | 503.31    | 501.34     | 0.53    | ppb   |
| Lithium    | 6-1   |           |           |           | 90         |         | %     |
| Magnesium  | 24-2  | 249491.31 | 253434.94 | 254024.00 | 252316.75  | 0.98    | ppb   |
| Manganese  | 55-2  | 997.26    | 999.92    | 1009.91   | 1002.36    | 0.67    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 15:47:23 | DataFile Name :   | 060CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2569.23   | 2545.75   | 2568.88   | 2561.29    | 0.53    | ppb   |
| Molybdenum | 95-1  | 2575.29   | 2566.56   | 2562.87   | 2568.24    | 0.25    | ppb   |
| Molybdenum | 96-1  | 2571.12   | 2565.37   | 2562.86   | 2566.45    | 0.16    | ppb   |
| Molybdenum | 97-1  | 2508.29   | 2520.35   | 2511.59   | 2513.41    | 0.25    | ppb   |
| Molybdenum | 98-1  | 2546.50   | 2544.55   | 2556.88   | 2549.31    | 0.26    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 502.35    | 506.99    | 508.03    | 505.79     | 0.60    | ppb   |
| Phosphorus | 31-2  | 10009.86  | 10044.96  | 10213.35  | 10089.39   | 1.08    | ppb   |
| Potassium  | 39-2  | 125858.29 | 127207.27 | 127867.59 | 126977.72  | 0.81    | ppb   |
| Rhodium    | 103-1 |           |           |           | 86         |         | %     |
| Rhodium    | 103-2 |           |           |           | 81         |         | %     |
| Scandium   | 45-1  |           |           |           | 89         |         | %     |
| Scandium   | 45-2  |           |           |           | 81         |         | %     |
| Selenium   | 77-2  | 486.04    | 526.21    | 510.27    | 507.51     | 3.99    | ppb   |
| Selenium   | 78-2  | 497.45    | 508.93    | 489.46    | 498.62     | 1.96    | ppb   |
| Selenium   | 82-1  | 491.90    | 491.14    | 494.15    | 492.40     | 0.32    | ppb   |
| Silicon    | 28-1  | 613.93    | 630.30    | 628.68    | 624.30     | 1.44    | ppb   |
| Silver     | 109-1 | 488.22    | 487.95    | 483.34    | 486.50     | 0.56    | ppb   |
| Silver     | 107-1 | 482.74    | 481.81    | 479.97    | 481.51     | 0.29    | ppb   |
| Sodium     | 23-2  | 253968.02 | 255616.88 | 257516.81 | 255700.57  | 0.69    | ppb   |
| Strontium  | 86-1  | 510.89    | 509.40    | 506.74    | 509.01     | 0.41    | ppb   |
| Strontium  | 88-1  | 523.62    | 523.37    | 523.89    | 523.63     | 0.05    | ppb   |
| Sulfur     | 34-1  | 12315.98  | 12591.41  | 12282.84  | 12396.75   | 1.37    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 503.78    | 503.58    | 502.82    | 503.39     | 0.10    | ppb   |
| Thallium   | 205-1 | 518.59    | 519.96    | 517.25    | 518.60     | 0.26    | ppb   |
| Tin        | 118-1 | 492.69    | 491.50    | 489.63    | 491.27     | 0.31    | ppb   |
| Titanium   | 47-1  | 2497.19   | 2526.58   | 2514.26   | 2512.67    | 0.59    | ppb   |
| Uranium    | 238-1 | 529.61    | 527.47    | 523.72    | 526.93     | 0.57    | ppb   |
| Vanadium   | 51-2  | 504.32    | 506.64    | 509.78    | 506.91     | 0.54    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 84         |         | %     |
| Zinc       | 66-2  | 978.08    | 980.77    | 983.98    | 980.95     | 0.30    | ppb   |
| Zirconium  | 90-1  | 510.64    | 509.62    | 514.84    | 511.70     | 0.54    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 15:47:23 | DataFile Name :   | 060CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 501.11  | 499.03  | 503.05  | 501.06     | 0.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:50:59 | DataFile Name :   | 061CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.50    | 2.47    | 1.90    | 2.63       | 30.91   | ppb   |
| Antimony   | 121-1 | 0.45    | 0.46    | 0.49    | 0.47       | 3.66    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.03    | 0.03    | 0.02       | 57.62   | ppb   |
| Barium     | 135-1 | 0.08    | 0.03    | 0.03    | 0.05       | 55.26   | ppb   |
| Barium     | 137-1 | 0.06    | 0.04    | 0.07    | 0.06       | 26.02   | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.10    | 0.11    | 0.13       | 32.36   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 93         |         | %     |
| Boron      | 10-1  | 8.16    | 7.40    | 6.73    | 7.43       | 9.59    | ppb   |
| Boron      | 11-1  | 8.59    | 7.46    | 6.42    | 7.49       | 14.52   | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.15   | -0.14   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -2.31   | -3.39   | -3.44   | -3.05      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.12    | -0.01   | 0.02       | 445.91  | ppb   |
| Calcium    | 43-1  | 5.02    | 3.41    | 4.09    | 4.17       | 19.30   | ppb   |
| Calcium    | 44-1  | -4.24   | -6.23   | -3.24   | -4.57      |         | ppb   |
| Chromium   | 52-2  | 0.08    | 0.08    | 0.07    | 0.08       | 9.21    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 14.02   | ppb   |
| Copper     | 63-2  | 0.16    | 0.18    | 0.20    | 0.18       | 11.43   | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 89         |         | %     |
| Iron       | 56-2  | 8.29    | 8.01    | 6.69    | 7.66       | 11.17   | ppb   |
| Iron       | 57-2  | 8.09    | 7.76    | 5.43    | 7.09       | 20.45   | ppb   |
| Lead       | 206-1 | 0.09    | 0.08    | 0.09    | 0.09       | 6.57    | ppb   |
| Lead       | 207-1 | 0.08    | 0.06    | 0.07    | 0.07       | 12.63   | ppb   |
| Lead       | 208-1 | 0.08    | 0.08    | 0.08    | 0.08       | 4.15    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 1.81    | 2.40    | 2.95    | 2.39       | 23.99   | ppb   |
| Manganese  | 55-2  | 0.02    | -0.02   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:50:59 | DataFile Name :   | 061CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.31    | 0.23    | 0.23    | 0.26       | 18.31   | ppb   |
| Molybdenum | 95-1  | 0.33    | 0.34    | 0.40    | 0.36       | 10.22   | ppb   |
| Molybdenum | 96-1  | 0.45    | 0.37    | 0.32    | 0.38       | 17.71   | ppb   |
| Molybdenum | 97-1  | 0.37    | 0.30    | 0.44    | 0.37       | 18.39   | ppb   |
| Molybdenum | 98-1  | 0.37    | 0.34    | 0.37    | 0.36       | 4.08    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | -5.18   | -7.14   | -17.45  | -9.92      |         | ppb   |
| Potassium  | 39-2  | -0.50   | -4.62   | 1.78    | -1.11      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 90         |         | %     |
| Scandium   | 45-1  |         |         |         | 91         |         | %     |
| Scandium   | 45-2  |         |         |         | 83         |         | %     |
| Selenium   | 77-2  | -0.70   | -0.70   | -0.70   | -0.70      |         | ppb   |
| Selenium   | 78-2  | -1.61   | -0.20   | -1.03   | -0.95      |         | ppb   |
| Selenium   | 82-1  | 0.30    | 0.23    | 0.43    | 0.32       | 31.47   | ppb   |
| Silicon    | 28-1  | -13.63  | -13.76  | -14.58  | -13.99     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.40   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.02       | 39.11   | ppb   |
| Sodium     | 23-2  | 39.90   | 36.41   | 34.74   | 37.02      | 7.11    | ppb   |
| Strontium  | 86-1  | 0.00    | -0.06   | 0.05    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 37.52   | ppb   |
| Sulfur     | 34-1  | -87.39  | 60.06   | -152.58 | -59.97     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.07    | 0.07    | 0.06    | 0.07       | 7.18    | ppb   |
| Thallium   | 205-1 | 0.08    | 0.09    | 0.07    | 0.08       | 7.63    | ppb   |
| Tin        | 118-1 | 0.02    | 0.04    | 0.01    | 0.02       | 58.91   | ppb   |
| Titanium   | 47-1  | 0.14    | 0.21    | 0.19    | 0.18       | 20.08   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.96   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.01    | 0.01       | 75.40   | ppb   |
| Yttrium    | 89-1  |         |         |         | 95         |         | %     |
| Yttrium    | 89-2  |         |         |         | 88         |         | %     |
| Zinc       | 66-2  | 0.13    | 0.09    | -0.03   | 0.06       | 134.88  | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.01    | 0.02    | 0.02       | 40.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:50:59 | DataFile Name :   | 061CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.02    | 0.03       | 64.12   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 11:57:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Antimony   | 121-1 | 50       | 42       | 75       | 56       | 31.22  | cps   |
| Arsenic    | 75-2  | 0        | 11       | 0        | 4        | 173.21 | cps   |
| Barium     | 135-1 | 50       | 0        | 42       | 31       | 87.67  | cps   |
| Barium     | 137-1 | 42       | 42       | 75       | 53       | 36.46  | cps   |
| Beryllium  | 9-1   | 67       | 56       | 61       | 61       | 9.09   | cps   |
| Bismuth    | 209-1 | 7846031  | 7889953  | 7819389  | 7851791  | 0.45   | cps   |
| Bismuth    | 209-2 | 6549049  | 6514750  | 6499264  | 6521021  | 0.39   | cps   |
| Boron      | 10-1  | 142      | 158      | 83       | 128      | 30.82  | cps   |
| Boron      | 11-1  | 708      | 575      | 658      | 647      | 10.41  | cps   |
| Cadmium    | 111-1 | 1551     | 1609     | 1559     | 1573     | 2.02   | cps   |
| Cadmium    | 106-1 | 3859     | 4026     | 3859     | 3915     | 2.46   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 4        | 10       | 49.46  | cps   |
| Calcium    | 43-1  | 250      | 150      | 167      | 189      | 28.36  | cps   |
| Calcium    | 44-1  | 10638    | 10963    | 10246    | 10615    | 3.38   | cps   |
| Chromium   | 52-2  | 223      | 197      | 160      | 193      | 16.45  | cps   |
| Cobalt     | 59-2  | 67       | 50       | 63       | 60       | 14.70  | cps   |
| Copper     | 63-2  | 977      | 1047     | 890      | 971      | 8.08   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 0        | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 33       | 25       | 33       | 31       | 15.75  | cps   |
| Erbium     | 164-2 | 20       | 30       | 57       | 36       | 53.31  | cps   |
| Gadolinium | 160-1 | 58       | 75       | 125      | 86       | 40.29  | cps   |
| Gadolinium | 160-2 | 183      | 197      | 177      | 186      | 5.49   | cps   |
| Holmium    | 165-1 | 12456860 | 12641620 | 12483524 | 12527335 | 0.80   | cps   |
| Holmium    | 165-2 | 8247272  | 8229251  | 8225319  | 8233947  | 0.14   | cps   |
| Indium     | 115-1 | 10388310 | 10431076 | 10480318 | 10433234 | 0.44   | cps   |
| Indium     | 115-2 | 2631455  | 2629890  | 2612422  | 2624589  | 0.40   | cps   |
| Iron       | 56-2  | 5562     | 5568     | 5279     | 5470     | 3.02   | cps   |
| Iron       | 57-2  | 561      | 450      | 450      | 487      | 13.17  | cps   |
| Lead       | 206-1 | 144      | 194      | 189      | 176      | 15.58  | cps   |
| Lead       | 207-1 | 172      | 172      | 233      | 193      | 18.32  | cps   |
| Lead       | 208-1 | 756      | 794      | 861      | 804      | 6.64   | cps   |
| Lithium    | 6-1   | 2997616  | 3020741  | 2996888  | 3005082  | 0.45   | cps   |
| Magnesium  | 24-2  | 650      | 633      | 600      | 628      | 4.06   | cps   |
| Manganese  | 55-2  | 97       | 63       | 110      | 90       | 26.71  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 11:57:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 342      | 267      | 317      | 308      | 12.39  | cps   |
| Molybdenum | 95-1  | 92       | 83       | 83       | 86       | 5.58   | cps   |
| Molybdenum | 96-1  | 108      | 133      | 125      | 122      | 10.41  | cps   |
| Molybdenum | 97-1  | 50       | 108      | 83       | 81       | 36.33  | cps   |
| Molybdenum | 98-1  | 75       | 183      | 75       | 111      | 56.29  | cps   |
| Neodymium  | 150-1 | 13       | 13       | 0        | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 200      | 200      | 190      | 197      | 2.94   | cps   |
| Phosphorus | 31-2  | 225      | 225      | 167      | 206      | 16.39  | cps   |
| Potassium  | 39-2  | 44626    | 44217    | 44576    | 44473    | 0.50   | cps   |
| Rhodium    | 103-1 | 9806487  | 9958086  | 9847408  | 9870661  | 0.79   | cps   |
| Rhodium    | 103-2 | 5515797  | 5512094  | 5474238  | 5500710  | 0.42   | cps   |
| Scandium   | 45-1  | 6830417  | 6951145  | 6908951  | 6896838  | 0.89   | cps   |
| Scandium   | 45-2  | 373327   | 371149   | 371371   | 371949   | 0.32   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 106      | 76       | 109      | 97       | 18.85  | cps   |
| Selenium   | 82-1  | -7       | -33      | 55       | 5        | 868.20 | cps   |
| Silicon    | 28-1  | 456691   | 454783   | 455365   | 455613   | 0.21   | cps   |
| Silver     | 109-1 | 50       | 58       | 33       | 47       | 26.97  | cps   |
| Silver     | 107-1 | 125      | 83       | 133      | 114      | 23.52  | cps   |
| Sodium     | 23-2  | 15400    | 16084    | 15801    | 15762    | 2.18   | cps   |
| Strontium  | 86-1  | 775      | 708      | 692      | 725      | 6.08   | cps   |
| Strontium  | 88-1  | 150      | 142      | 150      | 147      | 3.27   | cps   |
| Sulfur     | 34-1  | 448494   | 446407   | 453329   | 449410   | 0.79   | cps   |
| Terbium    | 159-1 | 13024163 | 13123014 | 13135578 | 13094252 | 0.47   | cps   |
| Terbium    | 159-2 | 8113277  | 8090219  | 8106191  | 8103229  | 0.15   | cps   |
| Thallium   | 203-1 | 42       | 33       | 42       | 39       | 12.38  | cps   |
| Thallium   | 205-1 | 100      | 117      | 75       | 97       | 21.57  | cps   |
| Tin        | 118-1 | 808      | 758      | 683      | 750      | 8.39   | cps   |
| Titanium   | 47-1  | 133      | 92       | 50       | 92       | 45.46  | cps   |
| Uranium    | 238-1 | 33       | 25       | 17       | 25       | 33.32  | cps   |
| Vanadium   | 51-2  | 10       | 3        | 7        | 7        | 50.03  | cps   |
| Yttrium    | 89-1  | 11099506 | 11136567 | 11173779 | 11136617 | 0.33   | cps   |
| Yttrium    | 89-2  | 2008491  | 1988759  | 2005568  | 2000939  | 0.53   | cps   |
| Zinc       | 66-2  | 100      | 190      | 130      | 140      | 32.73  | cps   |
| Zirconium  | 90-1  | 683      | 925      | 667      | 758      | 19.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 11:57:40 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 100  | 125  | 125     | 20.00  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S01                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:01:13 | DataFile Name :   | 004CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 292      | 175      | 183      | 217      | 30.04  | cps   |
| Antimony   | 121-1 | 1475     | 1467     | 1417     | 1453     | 2.17   | cps   |
| Arsenic    | 75-2  | 28       | 50       | 54       | 44       | 31.99  | cps   |
| Barium     | 135-1 | 1825     | 1617     | 1725     | 1722     | 6.05   | cps   |
| Barium     | 137-1 | 3050     | 3059     | 2709     | 2939     | 6.80   | cps   |
| Beryllium  | 9-1   | 267      | 233      | 206      | 235      | 13.01  | cps   |
| Bismuth    | 209-1 | 8011271  | 8049706  | 7960598  | 8007192  | 0.56   | cps   |
| Bismuth    | 209-2 | 6568975  | 6590562  | 6519032  | 6559523  | 0.56   | cps   |
| Boron      | 10-1  | 558      | 675      | 542      | 592      | 12.28  | cps   |
| Boron      | 11-1  | 3100     | 2884     | 3059     | 3014     | 3.82   | cps   |
| Cadmium    | 111-1 | 1833     | 1707     | 1784     | 1774     | 3.58   | cps   |
| Cadmium    | 106-1 | 4209     | 3884     | 4034     | 4042     | 4.03   | cps   |
| Cadmium    | 108-1 | 33       | 33       | 13       | 26       | 45.58  | cps   |
| Calcium    | 43-1  | 1267     | 1242     | 1117     | 1208     | 6.65   | cps   |
| Calcium    | 44-1  | 27694    | 27569    | 27343    | 27535    | 0.65   | cps   |
| Chromium   | 52-2  | 717      | 677      | 707      | 700      | 2.97   | cps   |
| Cobalt     | 59-2  | 490      | 417      | 490      | 466      | 9.09   | cps   |
| Copper     | 63-2  | 1573     | 1697     | 1623     | 1631     | 3.80   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 25       | 8        | 173.21 | cps   |
| Dysprosium | 156-2 | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Erbium     | 164-2 | 30       | 17       | 27       | 24       | 28.38  | cps   |
| Gadolinium | 160-1 | 83       | 100      | 117      | 100      | 16.66  | cps   |
| Gadolinium | 160-2 | 180      | 207      | 180      | 189      | 8.15   | cps   |
| Holmium    | 165-1 | 12817815 | 12858120 | 12813574 | 12829836 | 0.19   | cps   |
| Holmium    | 165-2 | 8279433  | 8294580  | 8222212  | 8265408  | 0.46   | cps   |
| Indium     | 115-1 | 10726532 | 10717853 | 10660576 | 10701654 | 0.33   | cps   |
| Indium     | 115-2 | 2657002  | 2670333  | 2637515  | 2654950  | 0.62   | cps   |
| Iron       | 56-2  | 15153    | 14730    | 14296    | 14726    | 2.91   | cps   |
| Iron       | 57-2  | 722      | 733      | 650      | 702      | 6.45   | cps   |
| Lead       | 206-1 | 744      | 633      | 628      | 669      | 9.84   | cps   |
| Lead       | 207-1 | 633      | 611      | 711      | 652      | 8.06   | cps   |
| Lead       | 208-1 | 2978     | 2695     | 2878     | 2850     | 5.04   | cps   |
| Lithium    | 6-1   | 3040699  | 3008702  | 3025643  | 3025014  | 0.53   | cps   |
| Magnesium  | 24-2  | 9612     | 9528     | 9753     | 9631     | 1.18   | cps   |
| Manganese  | 55-2  | 203      | 213      | 187      | 201      | 6.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:01:13 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1784     | 1717     | 1709     | 1736     | 2.37   | cps   |
| Molybdenum | 95-1  | 1859     | 1659     | 1984     | 1834     | 8.94   | cps   |
| Molybdenum | 96-1  | 2000     | 1717     | 1942     | 1886     | 7.93   | cps   |
| Molybdenum | 97-1  | 1142     | 1067     | 1167     | 1125     | 4.63   | cps   |
| Molybdenum | 98-1  | 2675     | 2650     | 2634     | 2653     | 0.79   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 337      | 320      | 323      | 327      | 2.70   | cps   |
| Phosphorus | 31-2  | 292      | 292      | 275      | 286      | 3.36   | cps   |
| Potassium  | 39-2  | 55346    | 55262    | 55086    | 55231    | 0.24   | cps   |
| Rhodium    | 103-1 | 10079517 | 10096888 | 10015626 | 10064010 | 0.43   | cps   |
| Rhodium    | 103-2 | 5533407  | 5575953  | 5507197  | 5538852  | 0.63   | cps   |
| Scandium   | 45-1  | 7108789  | 7100965  | 7092479  | 7100744  | 0.11   | cps   |
| Scandium   | 45-2  | 372352   | 374293   | 370257   | 372301   | 0.54   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 120      | 106      | 115      | 114      | 6.59   | cps   |
| Selenium   | 82-1  | 79       | 175      | 107      | 120      | 40.92  | cps   |
| Silicon    | 28-1  | 470184   | 461728   | 462695   | 464869   | 1.00   | cps   |
| Silver     | 109-1 | 975      | 958      | 842      | 925      | 7.85   | cps   |
| Silver     | 107-1 | 1133     | 858      | 892      | 961      | 15.62  | cps   |
| Sodium     | 23-2  | 32711    | 32378    | 32444    | 32511    | 0.54   | cps   |
| Strontium  | 86-1  | 908      | 917      | 792      | 872      | 8.01   | cps   |
| Strontium  | 88-1  | 2084     | 1917     | 2009     | 2003     | 4.17   | cps   |
| Sulfur     | 34-1  | 460895   | 464659   | 466273   | 463942   | 0.59   | cps   |
| Terbium    | 159-1 | 13345953 | 13286450 | 13329992 | 13320798 | 0.23   | cps   |
| Terbium    | 159-2 | 8197408  | 8216580  | 8158987  | 8190992  | 0.36   | cps   |
| Thallium   | 203-1 | 675      | 667      | 592      | 644      | 7.12   | cps   |
| Thallium   | 205-1 | 1542     | 1608     | 1375     | 1508     | 7.97   | cps   |
| Tin        | 118-1 | 3567     | 3426     | 3326     | 3439     | 3.53   | cps   |
| Titanium   | 47-1  | 475      | 542      | 558      | 525      | 8.40   | cps   |
| Uranium    | 238-1 | 1992     | 1792     | 1875     | 1886     | 5.33   | cps   |
| Vanadium   | 51-2  | 1080     | 930      | 890      | 967      | 10.36  | cps   |
| Yttrium    | 89-1  | 11456943 | 11596169 | 11587526 | 11546879 | 0.68   | cps   |
| Yttrium    | 89-2  | 2020401  | 2039326  | 2019098  | 2026275  | 0.56   | cps   |
| Zinc       | 66-2  | 227      | 233      | 223      | 228      | 2.24   | cps   |
| Zirconium  | 90-1  | 1967     | 2009     | 1859     | 1945     | 3.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:01:13 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 425  | 417  | 408  | 417     | 2.00   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:05:44 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1542     | 1792     | 1558     | 1631     | 8.57   | cps   |
| Antimony   | 121-1 | 14024    | 14667    | 14450    | 14380    | 2.27   | cps   |
| Arsenic    | 75-2  | 341      | 306      | 309      | 319      | 6.07   | cps   |
| Barium     | 135-1 | 16861    | 16485    | 16711    | 16686    | 1.13   | cps   |
| Barium     | 137-1 | 29198    | 28973    | 29457    | 29209    | 0.83   | cps   |
| Beryllium  | 9-1   | 1884     | 1922     | 1950     | 1919     | 1.75   | cps   |
| Bismuth    | 209-1 | 7798344  | 7747632  | 7773721  | 7773232  | 0.33   | cps   |
| Bismuth    | 209-2 | 6329837  | 6332809  | 6369240  | 6343962  | 0.35   | cps   |
| Boron      | 10-1  | 5285     | 5034     | 4968     | 5096     | 3.28   | cps   |
| Boron      | 11-1  | 22108    | 22117    | 23244    | 22490    | 2.90   | cps   |
| Cadmium    | 111-1 | 3319     | 3300     | 3411     | 3343     | 1.79   | cps   |
| Cadmium    | 106-1 | 4368     | 4226     | 4684     | 4426     | 5.30   | cps   |
| Cadmium    | 108-1 | 133      | 154      | 125      | 138      | 10.93  | cps   |
| Calcium    | 43-1  | 10713    | 10421    | 10287    | 10474    | 2.08   | cps   |
| Calcium    | 44-1  | 175067   | 179097   | 178641   | 177602   | 1.24   | cps   |
| Chromium   | 52-2  | 5488     | 5484     | 5461     | 5478     | 0.27   | cps   |
| Cobalt     | 59-2  | 4247     | 4251     | 4171     | 4223     | 1.07   | cps   |
| Copper     | 63-2  | 6785     | 6835     | 6792     | 6804     | 0.40   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 67       | 42       | 75       | 61       | 28.38  | cps   |
| Erbium     | 164-2 | 37       | 27       | 37       | 33       | 17.32  | cps   |
| Gadolinium | 160-1 | 108      | 142      | 42       | 97       | 52.37  | cps   |
| Gadolinium | 160-2 | 163      | 240      | 163      | 189      | 23.43  | cps   |
| Holmium    | 165-1 | 12439258 | 12557164 | 12514032 | 12503485 | 0.48   | cps   |
| Holmium    | 165-2 | 8109218  | 8026094  | 8100055  | 8078456  | 0.56   | cps   |
| Indium     | 115-1 | 10406856 | 10444818 | 10460922 | 10437532 | 0.27   | cps   |
| Indium     | 115-2 | 2543451  | 2568107  | 2571255  | 2560938  | 0.59   | cps   |
| Iron       | 56-2  | 108487   | 108084   | 109488   | 108686   | 0.67   | cps   |
| Iron       | 57-2  | 2995     | 3200     | 3156     | 3117     | 3.47   | cps   |
| Lead       | 206-1 | 4968     | 5524     | 5235     | 5242     | 5.30   | cps   |
| Lead       | 207-1 | 4612     | 4790     | 4673     | 4692     | 1.93   | cps   |
| Lead       | 208-1 | 20879    | 21491    | 21218    | 21196    | 1.44   | cps   |
| Lithium    | 6-1   | 2952981  | 2932390  | 2969552  | 2951641  | 0.63   | cps   |
| Magnesium  | 24-2  | 91536    | 91495    | 91780    | 91604    | 0.17   | cps   |
| Manganese  | 55-2  | 1587     | 1507     | 1557     | 1550     | 2.61   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:05:44 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14224    | 13899    | 14291    | 14138    | 1.48   | cps   |
| Molybdenum | 95-1  | 17061    | 16669    | 17386    | 17039    | 2.11   | cps   |
| Molybdenum | 96-1  | 18705    | 19222    | 19055    | 18994    | 1.39   | cps   |
| Molybdenum | 97-1  | 10771    | 10955    | 10304    | 10677    | 3.14   | cps   |
| Molybdenum | 98-1  | 27327    | 27711    | 27085    | 27374    | 1.15   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1180     | 1363     | 1357     | 1300     | 8.00   | cps   |
| Phosphorus | 31-2  | 342      | 342      | 300      | 328      | 7.34   | cps   |
| Potassium  | 39-2  | 143025   | 141789   | 144598   | 143137   | 0.98   | cps   |
| Rhodium    | 103-1 | 9855619  | 9861864  | 9840438  | 9852640  | 0.11   | cps   |
| Rhodium    | 103-2 | 5350330  | 5356512  | 5374065  | 5360302  | 0.23   | cps   |
| Scandium   | 45-1  | 6874937  | 6877615  | 6905519  | 6886023  | 0.25   | cps   |
| Scandium   | 45-2  | 362382   | 360195   | 363699   | 362092   | 0.49   | cps   |
| Selenium   | 77-2  | 33       | 37       | 47       | 39       | 17.85  | cps   |
| Selenium   | 78-2  | 189      | 191      | 198      | 193      | 2.54   | cps   |
| Selenium   | 82-1  | 649      | 579      | 610      | 613      | 5.75   | cps   |
| Silicon    | 28-1  | 528251   | 531089   | 528624   | 529321   | 0.29   | cps   |
| Silver     | 109-1 | 7994     | 8320     | 8628     | 8314     | 3.81   | cps   |
| Silver     | 107-1 | 8920     | 8703     | 8678     | 8767     | 1.52   | cps   |
| Sodium     | 23-2  | 188123   | 186098   | 187582   | 187268   | 0.56   | cps   |
| Strontium  | 86-1  | 2867     | 3034     | 2992     | 2964     | 2.93   | cps   |
| Strontium  | 88-1  | 20298    | 19998    | 20182    | 20159    | 0.75   | cps   |
| Sulfur     | 34-1  | 467136   | 468793   | 472111   | 469347   | 0.54   | cps   |
| Terbium    | 159-1 | 12982740 | 12979216 | 13069151 | 13010369 | 0.39   | cps   |
| Terbium    | 159-2 | 7995373  | 8010189  | 7967249  | 7990937  | 0.27   | cps   |
| Thallium   | 203-1 | 5751     | 6202     | 6302     | 6085     | 4.82   | cps   |
| Thallium   | 205-1 | 14600    | 14842    | 14500    | 14648    | 1.20   | cps   |
| Tin        | 118-1 | 28104    | 28154    | 29031    | 28430    | 1.83   | cps   |
| Titanium   | 47-1  | 5501     | 5159     | 5076     | 5246     | 4.29   | cps   |
| Uranium    | 238-1 | 20150    | 20008    | 20158    | 20105    | 0.42   | cps   |
| Vanadium   | 51-2  | 10374    | 10354    | 10144    | 10290    | 1.24   | cps   |
| Yttrium    | 89-1  | 11229182 | 11245905 | 11328124 | 11267737 | 0.47   | cps   |
| Yttrium    | 89-2  | 1960960  | 1951128  | 1955933  | 1956007  | 0.25   | cps   |
| Zinc       | 66-2  | 1103     | 940      | 1030     | 1024     | 7.99   | cps   |
| Zirconium  | 90-1  | 12906    | 12573    | 13240    | 12906    | 2.59   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:05:44 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3125 | 2584 | 2767 | 2825    | 9.75   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:09:37 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 86080    | 86550    | 87054    | 86561    | 0.56   | cps   |
| Antimony   | 121-1 | 391093   | 384512   | 383436   | 386347   | 1.07   | cps   |
| Arsenic    | 75-2  | 15968    | 16172    | 16070    | 16070    | 0.63   | cps   |
| Barium     | 135-1 | 459375   | 459898   | 459618   | 459630   | 0.06   | cps   |
| Barium     | 137-1 | 804848   | 798098   | 800993   | 801313   | 0.42   | cps   |
| Beryllium  | 9-1   | 94163    | 94079    | 94303    | 94181    | 0.12   | cps   |
| Bismuth    | 209-1 | 7875578  | 7858852  | 7897444  | 7877291  | 0.25   | cps   |
| Bismuth    | 209-2 | 6329568  | 6389066  | 6406978  | 6375204  | 0.64   | cps   |
| Boron      | 10-1  | 10904    | 10571    | 10479    | 10651    | 2.10   | cps   |
| Boron      | 11-1  | 49331    | 49056    | 50427    | 49604    | 1.46   | cps   |
| Cadmium    | 111-1 | 94401    | 94304    | 93212    | 93972    | 0.70   | cps   |
| Cadmium    | 106-1 | 13999    | 14541    | 14108    | 14216    | 2.02   | cps   |
| Cadmium    | 108-1 | 7098     | 6802     | 6835     | 6912     | 2.35   | cps   |
| Calcium    | 43-1  | 116195   | 115843   | 111989   | 114676   | 2.03   | cps   |
| Calcium    | 44-1  | 1884204  | 1878279  | 1868221  | 1876902  | 0.43   | cps   |
| Chromium   | 52-2  | 134454   | 135596   | 134574   | 134875   | 0.47   | cps   |
| Cobalt     | 59-2  | 214640   | 216547   | 217379   | 216188   | 0.65   | cps   |
| Copper     | 63-2  | 304110   | 303297   | 309060   | 305489   | 1.02   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 25       | 28       | 17.33  | cps   |
| Dysprosium | 156-2 | 17       | 10       | 3        | 10       | 66.70  | cps   |
| Erbium     | 164-1 | 58       | 67       | 50       | 58       | 14.29  | cps   |
| Erbium     | 164-2 | 20       | 47       | 10       | 26       | 74.17  | cps   |
| Gadolinium | 160-1 | 100      | 125      | 92       | 106      | 16.44  | cps   |
| Gadolinium | 160-2 | 167      | 170      | 210      | 182      | 13.23  | cps   |
| Holmium    | 165-1 | 12672994 | 12678444 | 12628194 | 12659877 | 0.22   | cps   |
| Holmium    | 165-2 | 8157762  | 8083866  | 8151244  | 8130957  | 0.50   | cps   |
| Indium     | 115-1 | 10598275 | 10459726 | 10422224 | 10493409 | 0.88   | cps   |
| Indium     | 115-2 | 2560258  | 2552242  | 2569598  | 2560700  | 0.34   | cps   |
| Iron       | 56-2  | 5622059  | 5568902  | 5612999  | 5601320  | 0.51   | cps   |
| Iron       | 57-2  | 137392   | 136511   | 137437   | 137113   | 0.38   | cps   |
| Lead       | 206-1 | 268197   | 267562   | 266422   | 267394   | 0.34   | cps   |
| Lead       | 207-1 | 242297   | 240921   | 242146   | 241788   | 0.31   | cps   |
| Lead       | 208-1 | 1090256  | 1085198  | 1081701  | 1085718  | 0.40   | cps   |
| Lithium    | 6-1   | 3006511  | 2999403  | 3006806  | 3004240  | 0.14   | cps   |
| Magnesium  | 24-2  | 968789   | 971114   | 974148   | 971350   | 0.28   | cps   |
| Manganese  | 55-2  | 154680   | 155080   | 154410   | 154723   | 0.22   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:09:37 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 757476   | 757032   | 755329   | 756612   | 0.15   | cps   |
| Molybdenum | 95-1  | 926853   | 926211   | 922842   | 925302   | 0.23   | cps   |
| Molybdenum | 96-1  | 1034783  | 1021039  | 1019140  | 1024987  | 0.83   | cps   |
| Molybdenum | 97-1  | 574230   | 575135   | 571166   | 573510   | 0.36   | cps   |
| Molybdenum | 98-1  | 1481322  | 1485978  | 1482532  | 1483277  | 0.16   | cps   |
| Neodymium  | 150-1 | 40       | 40       | 33       | 38       | 10.19  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 56673    | 57519    | 57171    | 57121    | 0.74   | cps   |
| Phosphorus | 31-2  | 5134     | 5076     | 5234     | 5148     | 1.56   | cps   |
| Potassium  | 39-2  | 553317   | 552150   | 557767   | 554411   | 0.53   | cps   |
| Rhodium    | 103-1 | 9807634  | 9818499  | 9820866  | 9815667  | 0.07   | cps   |
| Rhodium    | 103-2 | 5346503  | 5346850  | 5373174  | 5355509  | 0.29   | cps   |
| Scandium   | 45-1  | 6926105  | 6887607  | 6867581  | 6893764  | 0.43   | cps   |
| Scandium   | 45-2  | 361754   | 355801   | 358172   | 358576   | 0.84   | cps   |
| Selenium   | 77-2  | 270      | 307      | 333      | 303      | 10.48  | cps   |
| Selenium   | 78-2  | 1256     | 1280     | 1237     | 1257     | 1.70   | cps   |
| Selenium   | 82-1  | 6062     | 5802     | 5796     | 5887     | 2.59   | cps   |
| Silicon    | 28-1  | 742707   | 742095   | 743264   | 742689   | 0.08   | cps   |
| Silver     | 109-1 | 443341   | 443500   | 442775   | 443205   | 0.09   | cps   |
| Silver     | 107-1 | 460773   | 461015   | 457938   | 459909   | 0.37   | cps   |
| Sodium     | 23-2  | 1833136  | 1836991  | 1838802  | 1836310  | 0.16   | cps   |
| Strontium  | 86-1  | 121334   | 118855   | 121343   | 120511   | 1.19   | cps   |
| Strontium  | 88-1  | 1053324  | 1050927  | 1046406  | 1050219  | 0.33   | cps   |
| Sulfur     | 34-1  | 518876   | 516201   | 513070   | 516049   | 0.56   | cps   |
| Terbium    | 159-1 | 13182196 | 13211278 | 13253900 | 13215792 | 0.27   | cps   |
| Terbium    | 159-2 | 8078450  | 8052934  | 8062551  | 8064645  | 0.16   | cps   |
| Thallium   | 203-1 | 332223   | 328832   | 329563   | 330206   | 0.54   | cps   |
| Thallium   | 205-1 | 788951   | 783064   | 784753   | 785589   | 0.39   | cps   |
| Tin        | 118-1 | 302625   | 293339   | 293383   | 296449   | 1.80   | cps   |
| Titanium   | 47-1  | 265318   | 271523   | 264429   | 267090   | 1.45   | cps   |
| Uranium    | 238-1 | 1077324  | 1071481  | 1085851  | 1078219  | 0.67   | cps   |
| Vanadium   | 51-2  | 111944   | 110970   | 112558   | 111824   | 0.72   | cps   |
| Yttrium    | 89-1  | 11285489 | 11207142 | 11223052 | 11238561 | 0.37   | cps   |
| Yttrium    | 89-2  | 1950615  | 1945564  | 1952509  | 1949562  | 0.18   | cps   |
| Zinc       | 66-2  | 43913    | 43134    | 43926    | 43657    | 1.04   | cps   |
| Zirconium  | 90-1  | 631663   | 630963   | 632133   | 631586   | 0.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:09:37 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 139515 | 141553 | 137859 | 139642  | 1.32   | cps   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P7  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 12:13:29 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 204926   | 202121   | 204381   | 203809   | 0.73   | cps   |
| Antimony   | 121-1 | 964115   | 953235   | 954520   | 957290   | 0.62   | cps   |
| Arsenic    | 75-2  | 38118    | 37396    | 37745    | 37753    | 0.96   | cps   |
| Barium     | 135-1 | 1144836  | 1142216  | 1131912  | 1139655  | 0.60   | cps   |
| Barium     | 137-1 | 2001064  | 2001987  | 1973681  | 1992244  | 0.81   | cps   |
| Beryllium  | 9-1   | 233094   | 233480   | 234183   | 233586   | 0.24   | cps   |
| Bismuth    | 209-1 | 7965659  | 7980911  | 8011784  | 7986118  | 0.29   | cps   |
| Bismuth    | 209-2 | 6231714  | 6225233  | 6252431  | 6236459  | 0.23   | cps   |
| Boron      | 10-1  | 25798    | 26290    | 26474    | 26187    | 1.34   | cps   |
| Boron      | 11-1  | 121182   | 120687   | 121863   | 121244   | 0.49   | cps   |
| Cadmium    | 111-1 | 230430   | 228522   | 227184   | 228712   | 0.71   | cps   |
| Cadmium    | 106-1 | 29022    | 29406    | 28964    | 29131    | 0.83   | cps   |
| Cadmium    | 108-1 | 17319    | 17211    | 17340    | 17290    | 0.40   | cps   |
| Calcium    | 43-1  | 280976   | 283484   | 280709   | 281723   | 0.54   | cps   |
| Calcium    | 44-1  | 4666441  | 4600821  | 4639756  | 4635673  | 0.71   | cps   |
| Chromium   | 52-2  | 318081   | 316340   | 315298   | 316573   | 0.44   | cps   |
| Cobalt     | 59-2  | 509107   | 504466   | 506647   | 506740   | 0.46   | cps   |
| Copper     | 63-2  | 718667   | 715895   | 709538   | 714700   | 0.65   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 42       | 33       | 25.00  | cps   |
| Dysprosium | 156-2 | 17       | 7        | 20       | 14       | 48.02  | cps   |
| Erbium     | 164-1 | 33       | 17       | 50       | 33       | 49.99  | cps   |
| Erbium     | 164-2 | 17       | 17       | 30       | 21       | 36.45  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 100      | 100      | 0.01   | cps   |
| Gadolinium | 160-2 | 183      | 140      | 187      | 170      | 15.32  | cps   |
| Holmium    | 165-1 | 12830430 | 12755574 | 12871585 | 12819196 | 0.46   | cps   |
| Holmium    | 165-2 | 8048833  | 7983227  | 7964615  | 7998892  | 0.55   | cps   |
| Indium     | 115-1 | 10486756 | 10395123 | 10376419 | 10419432 | 0.57   | cps   |
| Indium     | 115-2 | 2461684  | 2436156  | 2446265  | 2448035  | 0.53   | cps   |
| Iron       | 56-2  | 13367189 | 13157940 | 13211940 | 13245690 | 0.82   | cps   |
| Iron       | 57-2  | 323468   | 321752   | 323697   | 322972   | 0.33   | cps   |
| Lead       | 206-1 | 670275   | 670045   | 675543   | 671954   | 0.46   | cps   |
| Lead       | 207-1 | 610981   | 610387   | 614161   | 611843   | 0.33   | cps   |
| Lead       | 208-1 | 2746844  | 2740721  | 2760646  | 2749403  | 0.37   | cps   |
| Lithium    | 6-1   | 3048984  | 3038291  | 3022257  | 3036511  | 0.44   | cps   |
| Magnesium  | 24-2  | 2312149  | 2276289  | 2288494  | 2292311  | 0.80   | cps   |
| Manganese  | 55-2  | 369920   | 368307   | 366596   | 368274   | 0.45   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:13:29 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1873171  | 1859310  | 1871972  | 1868151  | 0.41   | cps   |
| Molybdenum | 95-1  | 2285220  | 2295767  | 2283126  | 2288038  | 0.30   | cps   |
| Molybdenum | 96-1  | 2537166  | 2540699  | 2535692  | 2537852  | 0.10   | cps   |
| Molybdenum | 97-1  | 1422375  | 1422908  | 1409107  | 1418130  | 0.55   | cps   |
| Molybdenum | 98-1  | 3666083  | 3682143  | 3657874  | 3668700  | 0.34   | cps   |
| Neodymium  | 150-1 | 87       | 93       | 40       | 73       | 39.63  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 10       | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 133006   | 133195   | 133528   | 133243   | 0.20   | cps   |
| Phosphorus | 31-2  | 11688    | 11163    | 11580    | 11477    | 2.42   | cps   |
| Potassium  | 39-2  | 1250699  | 1237826  | 1233884  | 1240803  | 0.71   | cps   |
| Rhodium    | 103-1 | 9660248  | 9625969  | 9625783  | 9637333  | 0.21   | cps   |
| Rhodium    | 103-2 | 5127219  | 5100245  | 5158909  | 5128791  | 0.57   | cps   |
| Scandium   | 45-1  | 6845337  | 6776482  | 6801968  | 6807929  | 0.51   | cps   |
| Scandium   | 45-2  | 345392   | 340489   | 340853   | 342244   | 0.80   | cps   |
| Selenium   | 77-2  | 827      | 763      | 733      | 774      | 6.15   | cps   |
| Selenium   | 78-2  | 2739     | 2561     | 2826     | 2709     | 4.98   | cps   |
| Selenium   | 82-1  | 14693    | 14264    | 14503    | 14487    | 1.49   | cps   |
| Silicon    | 28-1  | 1160071  | 1158726  | 1163452  | 1160750  | 0.21   | cps   |
| Silver     | 109-1 | 1085186  | 1083503  | 1088494  | 1085728  | 0.23   | cps   |
| Silver     | 107-1 | 1131908  | 1131634  | 1124903  | 1129482  | 0.35   | cps   |
| Sodium     | 23-2  | 4333290  | 4282389  | 4266252  | 4293977  | 0.81   | cps   |
| Strontium  | 86-1  | 296249   | 298355   | 293457   | 296020   | 0.83   | cps   |
| Strontium  | 88-1  | 2594224  | 2589248  | 2589733  | 2591068  | 0.11   | cps   |
| Sulfur     | 34-1  | 555124   | 552838   | 551692   | 553218   | 0.32   | cps   |
| Terbium    | 159-1 | 13411921 | 13400609 | 13415366 | 13409299 | 0.06   | cps   |
| Terbium    | 159-2 | 7955273  | 7877361  | 7862829  | 7898488  | 0.63   | cps   |
| Thallium   | 203-1 | 836823   | 828773   | 839932   | 835176   | 0.69   | cps   |
| Thallium   | 205-1 | 1990730  | 1999224  | 1999064  | 1996339  | 0.24   | cps   |
| Tin        | 118-1 | 735959   | 735142   | 733522   | 734874   | 0.17   | cps   |
| Titanium   | 47-1  | 661182   | 649270   | 652835   | 654429   | 0.93   | cps   |
| Uranium    | 238-1 | 2806136  | 2797482  | 2793423  | 2799013  | 0.23   | cps   |
| Vanadium   | 51-2  | 264496   | 263695   | 261856   | 263349   | 0.51   | cps   |
| Yttrium    | 89-1  | 11229538 | 11159507 | 11071851 | 11153632 | 0.71   | cps   |
| Yttrium    | 89-2  | 1872431  | 1865599  | 1866208  | 1868080  | 0.20   | cps   |
| Zinc       | 66-2  | 103047   | 102708   | 102218   | 102658   | 0.41   | cps   |
| Zirconium  | 90-1  | 1560130  | 1552989  | 1558625  | 1557248  | 0.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:13:29 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 346890 | 343184 | 343619 | 344564  | 0.59   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:17:17 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 377424   | 374302   | 372827   | 374851   | 0.63   | cps   |
| Antimony   | 121-1 | 1899500  | 1891445  | 1885293  | 1892079  | 0.38   | cps   |
| Arsenic    | 75-2  | 70966    | 71593    | 70955    | 71172    | 0.51   | cps   |
| Barium     | 135-1 | 2267673  | 2265114  | 2258116  | 2263634  | 0.22   | cps   |
| Barium     | 137-1 | 3985998  | 3983239  | 3987505  | 3985581  | 0.05   | cps   |
| Beryllium  | 9-1   | 450195   | 451919   | 450805   | 450973   | 0.19   | cps   |
| Bismuth    | 209-1 | 8140046  | 8213404  | 8262401  | 8205284  | 0.75   | cps   |
| Bismuth    | 209-2 | 6176612  | 6186044  | 6210532  | 6191063  | 0.28   | cps   |
| Boron      | 10-1  | 50677    | 49214    | 51296    | 50396    | 2.12   | cps   |
| Boron      | 11-1  | 235308   | 237119   | 235148   | 235858   | 0.46   | cps   |
| Cadmium    | 111-1 | 442532   | 441474   | 439519   | 441175   | 0.35   | cps   |
| Cadmium    | 106-1 | 53218    | 53494    | 53477    | 53396    | 0.29   | cps   |
| Cadmium    | 108-1 | 33790    | 33682    | 33202    | 33558    | 0.93   | cps   |
| Calcium    | 43-1  | 541036   | 539908   | 534090   | 538345   | 0.69   | cps   |
| Calcium    | 44-1  | 8801040  | 8716822  | 8652675  | 8723512  | 0.85   | cps   |
| Chromium   | 52-2  | 594747   | 589706   | 587842   | 590765   | 0.60   | cps   |
| Cobalt     | 59-2  | 948466   | 948874   | 947318   | 948220   | 0.09   | cps   |
| Copper     | 63-2  | 1347717  | 1333456  | 1333202  | 1338125  | 0.62   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 50       | 33       | 43.30  | cps   |
| Dysprosium | 156-2 | 37       | 37       | 50       | 41       | 18.72  | cps   |
| Erbium     | 164-1 | 33       | 50       | 25       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 27       | 20       | 33       | 27       | 24.99  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 142      | 114      | 21.12  | cps   |
| Gadolinium | 160-2 | 157      | 200      | 167      | 174      | 13.01  | cps   |
| Holmium    | 165-1 | 13025961 | 13125690 | 13068651 | 13073434 | 0.38   | cps   |
| Holmium    | 165-2 | 7974428  | 7948309  | 7934041  | 7952259  | 0.26   | cps   |
| Indium     | 115-1 | 10176264 | 10180848 | 10097801 | 10151638 | 0.46   | cps   |
| Indium     | 115-2 | 2346033  | 2355479  | 2375719  | 2359077  | 0.64   | cps   |
| Iron       | 56-2  | 24950634 | 24568347 | 24713117 | 24744033 | 0.78   | cps   |
| Iron       | 57-2  | 607959   | 603754   | 605465   | 605726   | 0.35   | cps   |
| Lead       | 206-1 | 1381884  | 1408712  | 1404629  | 1398408  | 1.03   | cps   |
| Lead       | 207-1 | 1258330  | 1266472  | 1259092  | 1261298  | 0.36   | cps   |
| Lead       | 208-1 | 5642058  | 5705590  | 5712988  | 5686879  | 0.69   | cps   |
| Lithium    | 6-1   | 3013471  | 3021777  | 2990421  | 3008556  | 0.54   | cps   |
| Magnesium  | 24-2  | 4323416  | 4290955  | 4283115  | 4299162  | 0.50   | cps   |
| Manganese  | 55-2  | 685276   | 680188   | 683394   | 682953   | 0.38   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:17:17 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3657916  | 3619146  | 3612207  | 3629757  | 0.68   | cps   |
| Molybdenum | 95-1  | 4505723  | 4435649  | 4449264  | 4463545  | 0.83   | cps   |
| Molybdenum | 96-1  | 4976760  | 4960255  | 4933067  | 4956694  | 0.45   | cps   |
| Molybdenum | 97-1  | 2772536  | 2749995  | 2715921  | 2746151  | 1.04   | cps   |
| Molybdenum | 98-1  | 7128379  | 7107927  | 7046432  | 7094246  | 0.60   | cps   |
| Neodymium  | 150-1 | 133      | 140      | 147      | 140      | 4.76   | cps   |
| Neodymium  | 150-2 | 13       | 27       | 23       | 21       | 32.88  | cps   |
| Nickel     | 60-2  | 249248   | 248066   | 248253   | 248522   | 0.26   | cps   |
| Phosphorus | 31-2  | 20865    | 20148    | 20848    | 20620    | 1.99   | cps   |
| Potassium  | 39-2  | 2249522  | 2229378  | 2228405  | 2235768  | 0.53   | cps   |
| Rhodium    | 103-1 | 9342004  | 9326820  | 9201959  | 9290261  | 0.83   | cps   |
| Rhodium    | 103-2 | 4937105  | 4961670  | 4929125  | 4942633  | 0.34   | cps   |
| Scandium   | 45-1  | 6545545  | 6486024  | 6415861  | 6482476  | 1.00   | cps   |
| Scandium   | 45-2  | 316212   | 317110   | 316515   | 316612   | 0.14   | cps   |
| Selenium   | 77-2  | 1587     | 1477     | 1560     | 1541     | 3.72   | cps   |
| Selenium   | 78-2  | 5016     | 4968     | 4999     | 4994     | 0.49   | cps   |
| Selenium   | 82-1  | 27699    | 27414    | 27560    | 27558    | 0.52   | cps   |
| Silicon    | 28-1  | 1809013  | 1809075  | 1788937  | 1802342  | 0.64   | cps   |
| Silver     | 109-1 | 2121449  | 2112240  | 2072822  | 2102170  | 1.23   | cps   |
| Silver     | 107-1 | 2204129  | 2181905  | 2175367  | 2187134  | 0.69   | cps   |
| Sodium     | 23-2  | 8026769  | 7936794  | 7948182  | 7970582  | 0.61   | cps   |
| Strontium  | 86-1  | 572236   | 572897   | 566621   | 570585   | 0.60   | cps   |
| Strontium  | 88-1  | 5061169  | 5053675  | 5002400  | 5039081  | 0.63   | cps   |
| Sulfur     | 34-1  | 591458   | 590712   | 572878   | 585016   | 1.80   | cps   |
| Terbium    | 159-1 | 13404893 | 13418974 | 13485185 | 13436351 | 0.32   | cps   |
| Terbium    | 159-2 | 7867197  | 7820263  | 7812189  | 7833216  | 0.38   | cps   |
| Thallium   | 203-1 | 1714232  | 1743819  | 1734126  | 1730726  | 0.87   | cps   |
| Thallium   | 205-1 | 4157799  | 4219171  | 4216131  | 4197700  | 0.82   | cps   |
| Tin        | 118-1 | 1446642  | 1448457  | 1442113  | 1445737  | 0.23   | cps   |
| Titanium   | 47-1  | 1253998  | 1251409  | 1232072  | 1245826  | 0.96   | cps   |
| Uranium    | 238-1 | 5858084  | 6027334  | 5978910  | 5954776  | 1.46   | cps   |
| Vanadium   | 51-2  | 493827   | 490845   | 490410   | 491694   | 0.38   | cps   |
| Yttrium    | 89-1  | 10811884 | 10726016 | 10626047 | 10721316 | 0.87   | cps   |
| Yttrium    | 89-2  | 1785210  | 1786643  | 1789834  | 1787229  | 0.13   | cps   |
| Zinc       | 66-2  | 194531   | 194482   | 192776   | 193930   | 0.52   | cps   |
| Zirconium  | 90-1  | 3033046  | 3013461  | 2985931  | 3010812  | 0.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:17:17 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 665001 | 670416 | 658179 | 664532  | 0.92   | cps   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P7  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 12:21:03 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 718734   | 714561   | 720692   | 717995   | 0.44   | cps   |
| Antimony   | 121-1 | 3759795  | 3777671  | 3789646  | 3775704  | 0.40   | cps   |
| Arsenic    | 75-2  | 137984   | 137775   | 138913   | 138224   | 0.44   | cps   |
| Barium     | 135-1 | 4507015  | 4557901  | 4546823  | 4537246  | 0.59   | cps   |
| Barium     | 137-1 | 7795067  | 7820040  | 7832217  | 7815775  | 0.24   | cps   |
| Beryllium  | 9-1   | 861166   | 866220   | 860541   | 862642   | 0.36   | cps   |
| Bismuth    | 209-1 | 8459229  | 8392478  | 8501236  | 8450981  | 0.65   | cps   |
| Bismuth    | 209-2 | 6148617  | 6170039  | 6141990  | 6153549  | 0.24   | cps   |
| Boron      | 10-1  | 96356    | 97328    | 100046   | 97910    | 1.95   | cps   |
| Boron      | 11-1  | 450148   | 451422   | 457854   | 453141   | 0.91   | cps   |
| Cadmium    | 111-1 | 855926   | 857002   | 863066   | 858665   | 0.45   | cps   |
| Cadmium    | 106-1 | 97643    | 96595    | 96779    | 97005    | 0.58   | cps   |
| Cadmium    | 108-1 | 64848    | 65358    | 64898    | 65035    | 0.43   | cps   |
| Calcium    | 43-1  | 1037230  | 1053270  | 1039217  | 1043239  | 0.84   | cps   |
| Calcium    | 44-1  | 16838199 | 16941589 | 16842290 | 16874026 | 0.35   | cps   |
| Chromium   | 52-2  | 1124434  | 1140494  | 1139829  | 1134919  | 0.80   | cps   |
| Cobalt     | 59-2  | 1814244  | 1824356  | 1823725  | 1820775  | 0.31   | cps   |
| Copper     | 63-2  | 2543266  | 2566618  | 2565449  | 2558444  | 0.51   | cps   |
| Dysprosium | 156-1 | 50       | 100      | 25       | 58       | 65.47  | cps   |
| Dysprosium | 156-2 | 60       | 40       | 43       | 48       | 22.43  | cps   |
| Erbium     | 164-1 | 67       | 25       | 92       | 61       | 55.11  | cps   |
| Erbium     | 164-2 | 27       | 40       | 27       | 31       | 24.74  | cps   |
| Gadolinium | 160-1 | 75       | 108      | 142      | 108      | 30.77  | cps   |
| Gadolinium | 160-2 | 183      | 180      | 143      | 169      | 13.14  | cps   |
| Holmium    | 165-1 | 13168891 | 13284342 | 13325786 | 13259673 | 0.61   | cps   |
| Holmium    | 165-2 | 7945613  | 8034196  | 7952051  | 7977287  | 0.62   | cps   |
| Indium     | 115-1 | 9833132  | 9964242  | 10042038 | 9946471  | 1.06   | cps   |
| Indium     | 115-2 | 2279009  | 2320516  | 2315107  | 2304877  | 0.98   | cps   |
| Iron       | 56-2  | 47591121 | 47727540 | 47968204 | 47762288 | 0.40   | cps   |
| Iron       | 57-2  | 1156455  | 1162985  | 1174781  | 1164740  | 0.80   | cps   |
| Lead       | 206-1 | 2837021  | 2881465  | 2854068  | 2857518  | 0.78   | cps   |
| Lead       | 207-1 | 2589696  | 2609089  | 2596941  | 2598575  | 0.38   | cps   |
| Lead       | 208-1 | 11765250 | 11806683 | 11809433 | 11793789 | 0.21   | cps   |
| Lithium    | 6-1   | 2949367  | 2941744  | 2968431  | 2953181  | 0.47   | cps   |
| Magnesium  | 24-2  | 8127716  | 8135540  | 8188569  | 8150608  | 0.41   | cps   |
| Manganese  | 55-2  | 1316237  | 1315069  | 1331619  | 1320975  | 0.70   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:21:03 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7082178  | 7033741  | 7097691  | 7071203  | 0.47   | cps   |
| Molybdenum | 95-1  | 8630921  | 8656904  | 8688150  | 8658658  | 0.33   | cps   |
| Molybdenum | 96-1  | 9531903  | 9544630  | 9543464  | 9539999  | 0.07   | cps   |
| Molybdenum | 97-1  | 5390559  | 5407711  | 5411588  | 5403286  | 0.21   | cps   |
| Molybdenum | 98-1  | 13839182 | 13866123 | 13821768 | 13842357 | 0.16   | cps   |
| Neodymium  | 150-1 | 413      | 347      | 293      | 351      | 17.12  | cps   |
| Neodymium  | 150-2 | 33       | 20       | 37       | 30       | 29.40  | cps   |
| Nickel     | 60-2  | 474135   | 473040   | 477052   | 474742   | 0.44   | cps   |
| Phosphorus | 31-2  | 39277    | 40121    | 40415    | 39938    | 1.48   | cps   |
| Potassium  | 39-2  | 4250931  | 4288876  | 4285647  | 4275152  | 0.49   | cps   |
| Rhodium    | 103-1 | 8949431  | 8954801  | 8937431  | 8947221  | 0.10   | cps   |
| Rhodium    | 103-2 | 4774790  | 4783459  | 4850763  | 4803004  | 0.87   | cps   |
| Scandium   | 45-1  | 6320959  | 6270290  | 6256249  | 6282499  | 0.54   | cps   |
| Scandium   | 45-2  | 307653   | 307321   | 306402   | 307125   | 0.21   | cps   |
| Selenium   | 77-2  | 2750     | 2790     | 2880     | 2807     | 2.37   | cps   |
| Selenium   | 78-2  | 9759     | 9620     | 9911     | 9763     | 1.49   | cps   |
| Selenium   | 82-1  | 53572    | 52976    | 52902    | 53150    | 0.69   | cps   |
| Silicon    | 28-1  | 3050021  | 3043243  | 3046781  | 3046682  | 0.11   | cps   |
| Silver     | 109-1 | 4074268  | 4064793  | 4098904  | 4079322  | 0.43   | cps   |
| Silver     | 107-1 | 4271659  | 4248810  | 4244549  | 4255006  | 0.34   | cps   |
| Sodium     | 23-2  | 15278618 | 15237406 | 15221645 | 15245889 | 0.19   | cps   |
| Strontium  | 86-1  | 1113282  | 1107716  | 1111601  | 1110866  | 0.26   | cps   |
| Strontium  | 88-1  | 9722003  | 9669900  | 9752451  | 9714785  | 0.43   | cps   |
| Sulfur     | 34-1  | 690676   | 686168   | 682452   | 686432   | 0.60   | cps   |
| Terbium    | 159-1 | 13594888 | 13650416 | 13748045 | 13664450 | 0.57   | cps   |
| Terbium    | 159-2 | 7807068  | 7847381  | 7822734  | 7825728  | 0.26   | cps   |
| Thallium   | 203-1 | 3533323  | 3567192  | 3554333  | 3551616  | 0.48   | cps   |
| Thallium   | 205-1 | 8400836  | 8525382  | 8446758  | 8457659  | 0.74   | cps   |
| Tin        | 118-1 | 2828578  | 2847334  | 2875562  | 2850491  | 0.83   | cps   |
| Titanium   | 47-1  | 2416915  | 2387638  | 2414235  | 2406263  | 0.67   | cps   |
| Uranium    | 238-1 | 12212635 | 12115380 | 12215463 | 12181159 | 0.47   | cps   |
| Vanadium   | 51-2  | 942238   | 949679   | 951457   | 947791   | 0.52   | cps   |
| Yttrium    | 89-1  | 10487927 | 10460364 | 10556286 | 10501526 | 0.47   | cps   |
| Yttrium    | 89-2  | 1744025  | 1757244  | 1754911  | 1752060  | 0.40   | cps   |
| Zinc       | 66-2  | 370040   | 371730   | 375587   | 372452   | 0.76   | cps   |
| Zirconium  | 90-1  | 5875923  | 5839779  | 5916610  | 5877437  | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:21:03 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1292961 | 1285680 | 1298001 | 1292214 | 0.48   | cps   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P7  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 12:24:48 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1432629  | 1427614  | 1450308  | 1436850  | 0.83   | cps   |
| Antimony   | 121-1 | 7470066  | 7537102  | 7452035  | 7486401  | 0.60   | cps   |
| Arsenic    | 75-2  | 275846   | 277723   | 282449   | 278673   | 1.22   | cps   |
| Barium     | 135-1 | 9052154  | 9155175  | 9045006  | 9084112  | 0.68   | cps   |
| Barium     | 137-1 | 15610752 | 15765171 | 15676857 | 15684260 | 0.49   | cps   |
| Beryllium  | 9-1   | 1693621  | 1681286  | 1671603  | 1682170  | 0.66   | cps   |
| Bismuth    | 209-1 | 8261669  | 8374055  | 8328256  | 8321327  | 0.68   | cps   |
| Bismuth    | 209-2 | 5629767  | 6107813  | 6190206  | 5975928  | 5.06   | cps   |
| Boron      | 10-1  | 194820   | 192610   | 194796   | 194075   | 0.65   | cps   |
| Boron      | 11-1  | 896605   | 902436   | 900684   | 899908   | 0.33   | cps   |
| Cadmium    | 111-1 | 1681004  | 1707398  | 1683541  | 1690648  | 0.86   | cps   |
| Cadmium    | 106-1 | 189080   | 188852   | 186977   | 188303   | 0.61   | cps   |
| Cadmium    | 108-1 | 126429   | 127101   | 128577   | 127369   | 0.86   | cps   |
| Calcium    | 43-1  | 2084026  | 2087656  | 2061013  | 2077565  | 0.70   | cps   |
| Calcium    | 44-1  | 33717389 | 33818123 | 33374213 | 33636575 | 0.69   | cps   |
| Chromium   | 52-2  | 2264772  | 2271199  | 2306763  | 2280912  | 0.99   | cps   |
| Cobalt     | 59-2  | 3617616  | 3639388  | 3710483  | 3655829  | 1.33   | cps   |
| Copper     | 63-2  | 5036503  | 5085532  | 5143756  | 5088597  | 1.06   | cps   |
| Dysprosium | 156-1 | 133      | 117      | 158      | 136      | 15.41  | cps   |
| Dysprosium | 156-2 | 127      | 133      | 103      | 121      | 13.01  | cps   |
| Erbium     | 164-1 | 75       | 117      | 75       | 89       | 27.07  | cps   |
| Erbium     | 164-2 | 33       | 37       | 20       | 30       | 29.40  | cps   |
| Gadolinium | 160-1 | 175      | 117      | 142      | 144      | 20.26  | cps   |
| Gadolinium | 160-2 | 200      | 173      | 177      | 183      | 7.92   | cps   |
| Holmium    | 165-1 | 13415966 | 13447426 | 13246542 | 13369978 | 0.81   | cps   |
| Holmium    | 165-2 | 7483752  | 8027456  | 8153002  | 7888070  | 4.51   | cps   |
| Indium     | 115-1 | 9800464  | 9917922  | 9876093  | 9864826  | 0.60   | cps   |
| Indium     | 115-2 | 2109422  | 2287459  | 2331234  | 2242705  | 5.24   | cps   |
| Iron       | 56-2  | 95230027 | 95401249 | 96397324 | 95676200 | 0.66   | cps   |
| Iron       | 57-2  | 2329736  | 2340613  | 2356558  | 2342302  | 0.58   | cps   |
| Lead       | 206-1 | 5688636  | 5705286  | 5681699  | 5691874  | 0.21   | cps   |
| Lead       | 207-1 | 5151467  | 5216562  | 5146203  | 5171411  | 0.76   | cps   |
| Lead       | 208-1 | 23116805 | 23370703 | 23145905 | 23211138 | 0.60   | cps   |
| Lithium    | 6-1   | 2903477  | 2910562  | 2883220  | 2899086  | 0.49   | cps   |
| Magnesium  | 24-2  | 16161122 | 16124419 | 16275186 | 16186909 | 0.49   | cps   |
| Manganese  | 55-2  | 2637725  | 2655315  | 2668593  | 2653878  | 0.58   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:24:48 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14131490 | 14242633 | 14221806 | 14198643 | 0.42   | cps   |
| Molybdenum | 95-1  | 17372291 | 17394322 | 17388390 | 17385001 | 0.07   | cps   |
| Molybdenum | 96-1  | 19246217 | 19283098 | 19244103 | 19257806 | 0.11   | cps   |
| Molybdenum | 97-1  | 10830043 | 10876855 | 10774510 | 10827136 | 0.47   | cps   |
| Molybdenum | 98-1  | 27950656 | 28117646 | 27886120 | 27984808 | 0.43   | cps   |
| Neodymium  | 150-1 | 613      | 613      | 593      | 607      | 1.90   | cps   |
| Neodymium  | 150-2 | 60       | 93       | 93       | 82       | 23.41  | cps   |
| Nickel     | 60-2  | 936585   | 940481   | 958733   | 945266   | 1.25   | cps   |
| Phosphorus | 31-2  | 79764    | 77946    | 79664    | 79124    | 1.29   | cps   |
| Potassium  | 39-2  | 8404218  | 8424083  | 8487470  | 8438590  | 0.52   | cps   |
| Rhodium    | 103-1 | 8882457  | 8945189  | 8870776  | 8899474  | 0.45   | cps   |
| Rhodium    | 103-2 | 4417311  | 4809281  | 4911081  | 4712558  | 5.53   | cps   |
| Scandium   | 45-1  | 6316296  | 6329929  | 6276309  | 6307511  | 0.44   | cps   |
| Scandium   | 45-2  | 289230   | 313177   | 317158   | 306522   | 4.93   | cps   |
| Selenium   | 77-2  | 5374     | 5688     | 5551     | 5538     | 2.84   | cps   |
| Selenium   | 78-2  | 18987    | 19085    | 19369    | 19147    | 1.04   | cps   |
| Selenium   | 82-1  | 104282   | 104268   | 103909   | 104153   | 0.20   | cps   |
| Silicon    | 28-1  | 4155330  | 4190649  | 4144145  | 4163375  | 0.58   | cps   |
| Silver     | 109-1 | 8010208  | 8080168  | 7976105  | 8022160  | 0.66   | cps   |
| Silver     | 107-1 | 8441240  | 8480516  | 8478241  | 8466666  | 0.26   | cps   |
| Sodium     | 23-2  | 30307786 | 30293576 | 30621338 | 30407567 | 0.61   | cps   |
| Strontium  | 86-1  | 2238253  | 2240344  | 2229912  | 2236170  | 0.25   | cps   |
| Strontium  | 88-1  | 19482259 | 19459147 | 19420543 | 19453983 | 0.16   | cps   |
| Sulfur     | 34-1  | 993860   | 999273   | 978452   | 990528   | 1.09   | cps   |
| Terbium    | 159-1 | 13635855 | 13788606 | 13699701 | 13708054 | 0.56   | cps   |
| Terbium    | 159-2 | 7331157  | 7924244  | 8022497  | 7759299  | 4.82   | cps   |
| Thallium   | 203-1 | 7048242  | 7025783  | 6996548  | 7023525  | 0.37   | cps   |
| Thallium   | 205-1 | 16724187 | 16707677 | 16806773 | 16746213 | 0.32   | cps   |
| Tin        | 118-1 | 5730778  | 5758673  | 5718371  | 5735941  | 0.36   | cps   |
| Titanium   | 47-1  | 4880884  | 4840799  | 4798183  | 4839955  | 0.85   | cps   |
| Uranium    | 238-1 | 24062656 | 24115317 | 24163716 | 24113896 | 0.21   | cps   |
| Vanadium   | 51-2  | 1913085  | 1914597  | 1942265  | 1923316  | 0.85   | cps   |
| Yttrium    | 89-1  | 10571769 | 10592145 | 10549572 | 10571162 | 0.20   | cps   |
| Yttrium    | 89-2  | 1644165  | 1771652  | 1819811  | 1745209  | 5.20   | cps   |
| Zinc       | 66-2  | 729558   | 737742   | 751352   | 739551   | 1.49   | cps   |
| Zirconium  | 90-1  | 11791024 | 11894996 | 11887655 | 11857892 | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:24:48 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2630703 | 2636431 | 2617655 | 2628263 | 0.37   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:28:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7693238   | 7815522   | 7786671   | 7765144   | 0.82   | cps   |
| Antimony   | 121-1 | 12348     | 12698     | 13782     | 12943     | 5.78   | cps   |
| Arsenic    | 75-2  | 135       | 119       | 148       | 134       | 11.09  | cps   |
| Barium     | 135-1 | 3501      | 3576      | 3409      | 3495      | 2.39   | cps   |
| Barium     | 137-1 | 5785      | 5993      | 6260      | 6013      | 3.96   | cps   |
| Beryllium  | 9-1   | 628       | 717       | 617       | 654       | 8.38   | cps   |
| Bismuth    | 209-1 | 7550707   | 7539701   | 7519944   | 7536784   | 0.21   | cps   |
| Bismuth    | 209-2 | 5564702   | 5638973   | 5608636   | 5604104   | 0.67   | cps   |
| Boron      | 10-1  | 5451      | 5293      | 4584      | 5109      | 9.04   | cps   |
| Boron      | 11-1  | 24688     | 23995     | 21883     | 23522     | 6.21   | cps   |
| Cadmium    | 111-1 | 1872      | 1794      | 1788      | 1818      | 2.59   | cps   |
| Cadmium    | 106-1 | 3934      | 3642      | 3809      | 3795      | 3.86   | cps   |
| Cadmium    | 108-1 | 67        | 33        | 38        | 46        | 39.63  | cps   |
| Calcium    | 43-1  | 10627016  | 10706336  | 10892932  | 10742095  | 1.27   | cps   |
| Calcium    | 44-1  | 172888471 | 174302258 | 177445175 | 174878634 | 1.33   | cps   |
| Chromium   | 52-2  | 117130    | 117960    | 117809    | 117633    | 0.38   | cps   |
| Cobalt     | 59-2  | 6768      | 6795      | 7129      | 6897      | 2.91   | cps   |
| Copper     | 63-2  | 11671     | 11828     | 11738     | 11746     | 0.67   | cps   |
| Dysprosium | 156-1 | 125       | 117       | 75        | 106       | 25.38  | cps   |
| Dysprosium | 156-2 | 37        | 53        | 57        | 49        | 21.91  | cps   |
| Erbium     | 164-1 | 75        | 58        | 83        | 72        | 17.62  | cps   |
| Erbium     | 164-2 | 50        | 40        | 30        | 40        | 25.00  | cps   |
| Gadolinium | 160-1 | 117       | 158       | 117       | 131       | 18.43  | cps   |
| Gadolinium | 160-2 | 233       | 233       | 210       | 226       | 5.97   | cps   |
| Holmium    | 165-1 | 13048852  | 13089417  | 13058173  | 13065481  | 0.16   | cps   |
| Holmium    | 165-2 | 7974716   | 8036597   | 8007908   | 8006407   | 0.39   | cps   |
| Indium     | 115-1 | 9663841   | 9768624   | 9728591   | 9720352   | 0.54   | cps   |
| Indium     | 115-2 | 2276696   | 2307699   | 2289132   | 2291176   | 0.68   | cps   |
| Iron       | 56-2  | 482183622 | 484847433 | 485865189 | 484298748 | 0.39   | cps   |
| Iron       | 57-2  | 11832364  | 11849817  | 11887564  | 11856582  | 0.24   | cps   |
| Lead       | 206-1 | 11350     | 11283     | 11383     | 11338     | 0.45   | cps   |
| Lead       | 207-1 | 9509      | 9398      | 9187      | 9365      | 1.75   | cps   |
| Lead       | 208-1 | 44397     | 44442     | 43885     | 44241     | 0.70   | cps   |
| Lithium    | 6-1   | 2806046   | 2824008   | 2815658   | 2815237   | 0.32   | cps   |
| Magnesium  | 24-2  | 84775775  | 85973375  | 86118644  | 85622598  | 0.86   | cps   |
| Manganese  | 55-2  | 13897     | 13877     | 13850     | 13875     | 0.17   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95405             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-16 12:28:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 19706     | 19172     | 19038     | 19305     | 1.83   | cps   |
| Molybdenum | 95-1  | 30166     | 29557     | 29782     | 29835     | 1.03   | cps   |
| Molybdenum | 96-1  | 34234     | 34668     | 35370     | 34757     | 1.65   | cps   |
| Molybdenum | 97-1  | 18621     | 18922     | 18195     | 18579     | 1.96   | cps   |
| Molybdenum | 98-1  | 47372     | 46059     | 46862     | 46764     | 1.42   | cps   |
| Neodymium  | 150-1 | 120       | 113       | 53        | 96        | 38.42  | cps   |
| Neodymium  | 150-2 | 50        | 47        | 30        | 42        | 25.38  | cps   |
| Nickel     | 60-2  | 30061     | 29747     | 30773     | 30194     | 1.74   | cps   |
| Phosphorus | 31-2  | 242       | 258       | 250       | 250       | 3.33   | cps   |
| Potassium  | 39-2  | 44429679  | 45193276  | 44965400  | 44862785  | 0.87   | cps   |
| Rhodium    | 103-1 | 8597564   | 8719340   | 8683301   | 8666735   | 0.72   | cps   |
| Rhodium    | 103-2 | 4569794   | 4592070   | 4591261   | 4584375   | 0.28   | cps   |
| Scandium   | 45-1  | 6471149   | 6554195   | 6525512   | 6516952   | 0.65   | cps   |
| Scandium   | 45-2  | 330012    | 335121    | 332564    | 332566    | 0.77   | cps   |
| Selenium   | 77-2  | 0         | 0         | 3         | 1         | 173.21 | cps   |
| Selenium   | 78-2  | 81        | 120       | 57        | 86        | 36.76  | cps   |
| Selenium   | 82-1  | 125       | 160       | 126       | 137       | 14.89  | cps   |
| Silicon    | 28-1  | 710122    | 721383    | 724335    | 718613    | 1.04   | cps   |
| Silver     | 109-1 | 1125      | 1025      | 1117      | 1089      | 5.10   | cps   |
| Silver     | 107-1 | 992       | 1042      | 1017      | 1017      | 2.46   | cps   |
| Sodium     | 23-2  | 158834791 | 160275466 | 160170349 | 159760202 | 0.50   | cps   |
| Strontium  | 86-1  | 75473     | 76613     | 76303     | 76130     | 0.77   | cps   |
| Strontium  | 88-1  | 655948    | 655201    | 662482    | 657877    | 0.61   | cps   |
| Sulfur     | 34-1  | 390441    | 400168    | 403906    | 398172    | 1.75   | cps   |
| Terbium    | 159-1 | 13413780  | 13378601  | 13483041  | 13425141  | 0.40   | cps   |
| Terbium    | 159-2 | 7822674   | 7871967   | 7825792   | 7840144   | 0.35   | cps   |
| Thallium   | 203-1 | 3009      | 2842      | 2684      | 2845      | 5.71   | cps   |
| Thallium   | 205-1 | 6885      | 6418      | 5993      | 6432      | 6.94   | cps   |
| Tin        | 118-1 | 10363     | 10154     | 10421     | 10313     | 1.36   | cps   |
| Titanium   | 47-1  | 1417      | 1625      | 1767      | 1603      | 10.98  | cps   |
| Uranium    | 238-1 | 5643      | 5451      | 5576      | 5557      | 1.75   | cps   |
| Vanadium   | 51-2  | 1123      | 1080      | 1087      | 1097      | 2.13   | cps   |
| Yttrium    | 89-1  | 10658991  | 10738987  | 10755174  | 10717717  | 0.48   | cps   |
| Yttrium    | 89-2  | 1812535   | 1826550   | 1818132   | 1819072   | 0.39   | cps   |
| Zinc       | 66-2  | 3147      | 3250      | 3270      | 3223      | 2.05   | cps   |
| Zirconium  | 90-1  | 4584      | 4643      | 4476      | 4568      | 1.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:28:31 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 983  | 908  | 983  | 958     | 4.52   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:32:21 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 39837    | 40322    | 39645    | 39935    | 0.87   | cps   |
| Antimony   | 121-1 | 1454809  | 1458840  | 1454488  | 1456046  | 0.17   | cps   |
| Arsenic    | 75-2  | 58093    | 57526    | 56890    | 57503    | 1.05   | cps   |
| Barium     | 135-1 | 176415   | 176387   | 176803   | 176535   | 0.13   | cps   |
| Barium     | 137-1 | 309246   | 307549   | 311372   | 309389   | 0.62   | cps   |
| Beryllium  | 9-1   | 168063   | 171980   | 172282   | 170775   | 1.38   | cps   |
| Bismuth    | 209-1 | 8579000  | 8745013  | 8639973  | 8654662  | 0.97   | cps   |
| Bismuth    | 209-2 | 6508584  | 6535456  | 6522864  | 6522301  | 0.21   | cps   |
| Boron      | 10-1  | 110686   | 113280   | 111030   | 111665   | 1.26   | cps   |
| Boron      | 11-1  | 517780   | 518311   | 520664   | 518918   | 0.30   | cps   |
| Cadmium    | 111-1 | 179411   | 180079   | 179119   | 179536   | 0.27   | cps   |
| Cadmium    | 106-1 | 38495    | 38637    | 38812    | 38648    | 0.41   | cps   |
| Cadmium    | 108-1 | 18759    | 18971    | 19447    | 19059    | 1.85   | cps   |
| Calcium    | 43-1  | 47485    | 47009    | 48606    | 47700    | 1.72   | cps   |
| Calcium    | 44-1  | 737587   | 740220   | 739901   | 739236   | 0.19   | cps   |
| Chromium   | 52-2  | 233672   | 232910   | 233692   | 233425   | 0.19   | cps   |
| Cobalt     | 59-2  | 388618   | 389925   | 389799   | 389447   | 0.19   | cps   |
| Copper     | 63-2  | 273320   | 276339   | 275242   | 274967   | 0.56   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 42       | 22       | 78.07  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 133      | 75       | 83       | 97       | 32.45  | cps   |
| Erbium     | 164-2 | 23       | 47       | 77       | 49       | 54.69  | cps   |
| Gadolinium | 160-1 | 108      | 108      | 150      | 122      | 19.68  | cps   |
| Gadolinium | 160-2 | 167      | 167      | 160      | 164      | 2.34   | cps   |
| Holmium    | 165-1 | 13401817 | 13502585 | 13677662 | 13527354 | 1.03   | cps   |
| Holmium    | 165-2 | 8343080  | 8351290  | 8336797  | 8343722  | 0.09   | cps   |
| Indium     | 115-1 | 10707221 | 10827807 | 10773024 | 10769351 | 0.56   | cps   |
| Indium     | 115-2 | 2501403  | 2502420  | 2505484  | 2503102  | 0.08   | cps   |
| Iron       | 56-2  | 2030636  | 2031803  | 2023112  | 2028517  | 0.23   | cps   |
| Iron       | 57-2  | 50237    | 50281    | 50799    | 50439    | 0.62   | cps   |
| Lead       | 206-1 | 1096986  | 1094846  | 1110119  | 1100651  | 0.75   | cps   |
| Lead       | 207-1 | 950719   | 950603   | 957653   | 952991   | 0.42   | cps   |
| Lead       | 208-1 | 4386071  | 4395623  | 4423654  | 4401783  | 0.44   | cps   |
| Lithium    | 6-1   | 3089249  | 3098829  | 3100122  | 3096067  | 0.19   | cps   |
| Magnesium  | 24-2  | 211827   | 208168   | 207490   | 209161   | 1.12   | cps   |
| Manganese  | 55-2  | 138050   | 139171   | 139174   | 138798   | 0.47   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:32:21 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3315431  | 3301972  | 3306310  | 3307904  | 0.21   | cps   |
| Molybdenum | 95-1  | 1815843  | 1817258  | 1814351  | 1815817  | 0.08   | cps   |
| Molybdenum | 96-1  | 2316111  | 2323719  | 2314619  | 2318150  | 0.21   | cps   |
| Molybdenum | 97-1  | 1125877  | 1124732  | 1135713  | 1128774  | 0.53   | cps   |
| Molybdenum | 98-1  | 2908804  | 2919227  | 2931997  | 2920009  | 0.40   | cps   |
| Neodymium  | 150-1 | 7        | 33       | 20       | 20       | 66.65  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 104298   | 102891   | 103055   | 103415   | 0.74   | cps   |
| Phosphorus | 31-2  | 292      | 300      | 267      | 286      | 6.06   | cps   |
| Potassium  | 39-2  | 400894   | 397436   | 400691   | 399674   | 0.49   | cps   |
| Rhodium    | 103-1 | 9876150  | 9986752  | 9947052  | 9936651  | 0.56   | cps   |
| Rhodium    | 103-2 | 5320879  | 5323697  | 5325764  | 5323447  | 0.05   | cps   |
| Scandium   | 45-1  | 6824887  | 6920824  | 6936481  | 6894064  | 0.88   | cps   |
| Scandium   | 45-2  | 346772   | 346942   | 341468   | 345060   | 0.90   | cps   |
| Selenium   | 77-2  | 1153     | 1193     | 1153     | 1167     | 1.98   | cps   |
| Selenium   | 78-2  | 4169     | 4225     | 4030     | 4141     | 2.42   | cps   |
| Selenium   | 82-1  | 21869    | 21609    | 21558    | 21679    | 0.77   | cps   |
| Silicon    | 28-1  | 3001015  | 3009725  | 3001896  | 3004212  | 0.16   | cps   |
| Silver     | 109-1 | 833313   | 824504   | 827007   | 828274   | 0.55   | cps   |
| Silver     | 107-1 | 866771   | 862857   | 860051   | 863227   | 0.39   | cps   |
| Sodium     | 23-2  | 685428   | 680795   | 684642   | 683622   | 0.36   | cps   |
| Strontium  | 86-1  | 1175956  | 1182902  | 1184243  | 1181034  | 0.38   | cps   |
| Strontium  | 88-1  | 10270847 | 10333488 | 10309982 | 10304772 | 0.31   | cps   |
| Sulfur     | 34-1  | 415741   | 415405   | 410376   | 413841   | 0.73   | cps   |
| Terbium    | 159-1 | 13909615 | 14048939 | 14088090 | 14015548 | 0.67   | cps   |
| Terbium    | 159-2 | 8209803  | 8229459  | 8225271  | 8221511  | 0.13   | cps   |
| Thallium   | 203-1 | 1362738  | 1372434  | 1380065  | 1371746  | 0.63   | cps   |
| Thallium   | 205-1 | 3308500  | 3313893  | 3331624  | 3318006  | 0.36   | cps   |
| Tin        | 118-1 | 2973061  | 2998669  | 2994425  | 2988718  | 0.46   | cps   |
| Titanium   | 47-1  | 512767   | 519144   | 515068   | 515660   | 0.63   | cps   |
| Uranium    | 238-1 | 13032245 | 13239373 | 13144068 | 13138562 | 0.79   | cps   |
| Vanadium   | 51-2  | 198465   | 195905   | 193164   | 195845   | 1.35   | cps   |
| Yttrium    | 89-1  | 11272326 | 11401957 | 11359152 | 11344478 | 0.58   | cps   |
| Yttrium    | 89-2  | 1919955  | 1909949  | 1923562  | 1917822  | 0.37   | cps   |
| Zinc       | 66-2  | 79404    | 79358    | 78339    | 79033    | 0.76   | cps   |
| Zirconium  | 90-1  | 6249191  | 6316419  | 6262620  | 6276077  | 0.57   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:32:21 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1374178 | 1374722 | 1361684 | 1370195 | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:42:27 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 67       | 75       | 69       | 6.93   | cps   |
| Antimony   | 121-1 | 1025     | 892      | 992      | 970      | 7.16   | cps   |
| Arsenic    | 75-2  | 6        | 11       | 6        | 7        | 43.24  | cps   |
| Barium     | 135-1 | 50       | 33       | 92       | 58       | 51.51  | cps   |
| Barium     | 137-1 | 133      | 92       | 50       | 92       | 45.46  | cps   |
| Beryllium  | 9-1   | 244      | 178      | 217      | 213      | 15.72  | cps   |
| Bismuth    | 209-1 | 8511870  | 8408661  | 8451969  | 8457500  | 0.61   | cps   |
| Bismuth    | 209-2 | 6280405  | 6320765  | 6230348  | 6277172  | 0.72   | cps   |
| Boron      | 10-1  | 1275     | 950      | 1258     | 1161     | 15.76  | cps   |
| Boron      | 11-1  | 4743     | 4893     | 4776     | 4804     | 1.64   | cps   |
| Cadmium    | 111-1 | 1341     | 1469     | 1571     | 1461     | 7.89   | cps   |
| Cadmium    | 106-1 | 3326     | 3659     | 3909     | 3631     | 8.06   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 125      | 158      | 142      | 142      | 11.76  | cps   |
| Calcium    | 44-1  | 8937     | 9620     | 9120     | 9226     | 3.84   | cps   |
| Chromium   | 52-2  | 153      | 207      | 250      | 203      | 23.81  | cps   |
| Cobalt     | 59-2  | 80       | 90       | 83       | 84       | 6.03   | cps   |
| Copper     | 63-2  | 1057     | 1090     | 1180     | 1109     | 5.75   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 75       | 42       | 56       | 31.22  | cps   |
| Erbium     | 164-2 | 20       | 17       | 20       | 19       | 10.18  | cps   |
| Gadolinium | 160-1 | 58       | 125      | 100      | 94       | 35.66  | cps   |
| Gadolinium | 160-2 | 137      | 170      | 190      | 166      | 16.28  | cps   |
| Holmium    | 165-1 | 13228101 | 13162906 | 13240072 | 13210360 | 0.31   | cps   |
| Holmium    | 165-2 | 8045797  | 8039869  | 8003674  | 8029780  | 0.28   | cps   |
| Indium     | 115-1 | 10709992 | 10541157 | 10622428 | 10624526 | 0.79   | cps   |
| Indium     | 115-2 | 2459731  | 2474320  | 2469454  | 2467835  | 0.30   | cps   |
| Iron       | 56-2  | 5785     | 5746     | 5707     | 5746     | 0.68   | cps   |
| Iron       | 57-2  | 461      | 356      | 417      | 411      | 12.89  | cps   |
| Lead       | 206-1 | 589      | 483      | 500      | 524      | 10.83  | cps   |
| Lead       | 207-1 | 394      | 550      | 428      | 457      | 17.91  | cps   |
| Lead       | 208-1 | 2122     | 2050     | 2061     | 2078     | 1.87   | cps   |
| Lithium    | 6-1   | 3069239  | 3051177  | 3071183  | 3063866  | 0.36   | cps   |
| Magnesium  | 24-2  | 875      | 783      | 800      | 820      | 5.96   | cps   |
| Manganese  | 55-2  | 60       | 110      | 40       | 70       | 51.51  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:42:27 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 483      | 367      | 367      | 406      | 16.61  | cps   |
| Molybdenum | 95-1  | 317      | 208      | 192      | 239      | 28.41  | cps   |
| Molybdenum | 96-1  | 400      | 342      | 267      | 336      | 19.89  | cps   |
| Molybdenum | 97-1  | 167      | 183      | 133      | 161      | 15.80  | cps   |
| Molybdenum | 98-1  | 425      | 425      | 392      | 414      | 4.65   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 230      | 187      | 183      | 200      | 13.02  | cps   |
| Phosphorus | 31-2  | 217      | 225      | 233      | 225      | 3.70   | cps   |
| Potassium  | 39-2  | 39729    | 41241    | 40231    | 40400    | 1.91   | cps   |
| Rhodium    | 103-1 | 9942569  | 9754116  | 9776918  | 9824535  | 1.05   | cps   |
| Rhodium    | 103-2 | 5141842  | 5197842  | 5198826  | 5179504  | 0.63   | cps   |
| Scandium   | 45-1  | 6850856  | 6744966  | 6793588  | 6796470  | 0.78   | cps   |
| Scandium   | 45-2  | 339247   | 341990   | 338898   | 340045   | 0.50   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 89       | 61       | 89       | 80       | 20.14  | cps   |
| Selenium   | 82-1  | -5       | 47       | 39       | 27       | 103.08 | cps   |
| Silicon    | 28-1  | 395513   | 394332   | 399199   | 396348   | 0.64   | cps   |
| Silver     | 109-1 | 75       | 150      | 92       | 106      | 37.31  | cps   |
| Silver     | 107-1 | 158      | 150      | 142      | 150      | 5.56   | cps   |
| Sodium     | 23-2  | 24203    | 24546    | 24178    | 24309    | 0.84   | cps   |
| Strontium  | 86-1  | 775      | 650      | 725      | 717      | 8.78   | cps   |
| Strontium  | 88-1  | 217      | 183      | 242      | 214      | 13.68  | cps   |
| Sulfur     | 34-1  | 423534   | 417830   | 421345   | 420903   | 0.68   | cps   |
| Terbium    | 159-1 | 13803389 | 13659386 | 13691721 | 13718165 | 0.55   | cps   |
| Terbium    | 159-2 | 8005412  | 7946950  | 7978130  | 7976830  | 0.37   | cps   |
| Thallium   | 203-1 | 125      | 67       | 92       | 94       | 30.99  | cps   |
| Thallium   | 205-1 | 250      | 283      | 283      | 272      | 7.07   | cps   |
| Tin        | 118-1 | 775      | 1092     | 817      | 895      | 19.24  | cps   |
| Titanium   | 47-1  | 133      | 100      | 225      | 153      | 42.37  | cps   |
| Uranium    | 238-1 | 42       | 100      | 58       | 67       | 45.07  | cps   |
| Vanadium   | 51-2  | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Yttrium    | 89-1  | 11233384 | 11130591 | 11211688 | 11191888 | 0.48   | cps   |
| Yttrium    | 89-2  | 1850323  | 1875242  | 1863993  | 1863186  | 0.67   | cps   |
| Zinc       | 66-2  | 153      | 163      | 147      | 154      | 5.43   | cps   |
| Zirconium  | 90-1  | 708      | 833      | 808      | 783      | 8.44   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:42:27 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 192  | 167  | 139     | 51.03  | cps   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P7  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 12:46:01 DataFile Name : 014ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6856765   | 6887215   | 6855042   | 6866341   | 0.26   | cps   |
| Antimony   | 121-1 | 9354      | 9078      | 9262      | 9231      | 1.52   | cps   |
| Arsenic    | 75-2  | 87        | 111       | 80        | 93        | 17.77  | cps   |
| Barium     | 135-1 | 2709      | 2642      | 2759      | 2703      | 2.17   | cps   |
| Barium     | 137-1 | 4843      | 4576      | 4451      | 4623      | 4.33   | cps   |
| Beryllium  | 9-1   | 628       | 661       | 633       | 641       | 2.79   | cps   |
| Bismuth    | 209-1 | 8112612   | 8067080   | 8078463   | 8086051   | 0.29   | cps   |
| Bismuth    | 209-2 | 5819883   | 5903544   | 5922477   | 5881968   | 0.93   | cps   |
| Boron      | 10-1  | 1150      | 1217      | 892       | 1086      | 15.81  | cps   |
| Boron      | 11-1  | 5159      | 5259      | 4834      | 5084      | 4.37   | cps   |
| Cadmium    | 111-1 | 2479      | 2571      | 2590      | 2547      | 2.33   | cps   |
| Cadmium    | 106-1 | 3634      | 3576      | 3684      | 3631      | 1.49   | cps   |
| Cadmium    | 108-1 | 1488      | 1471      | 1375      | 1445      | 4.20   | cps   |
| Calcium    | 43-1  | 2117974   | 2101868   | 2084061   | 2101301   | 0.81   | cps   |
| Calcium    | 44-1  | 34529176  | 34227220  | 33819085  | 34191827  | 1.04   | cps   |
| Chromium   | 52-2  | 47389     | 47359     | 47620     | 47456     | 0.30   | cps   |
| Cobalt     | 59-2  | 4607      | 4431      | 4467      | 4502      | 2.07   | cps   |
| Copper     | 63-2  | 20832     | 21246     | 21279     | 21119     | 1.18   | cps   |
| Dysprosium | 156-1 | 42        | 42        | 17        | 33        | 43.30  | cps   |
| Dysprosium | 156-2 | 13        | 10        | 37        | 20        | 72.66  | cps   |
| Erbium     | 164-1 | 75        | 100       | 158       | 111       | 38.49  | cps   |
| Erbium     | 164-2 | 30        | 50        | 30        | 37        | 31.49  | cps   |
| Gadolinium | 160-1 | 117       | 125       | 108       | 117       | 7.14   | cps   |
| Gadolinium | 160-2 | 243       | 180       | 180       | 201       | 18.18  | cps   |
| Holmium    | 165-1 | 13370550  | 13441937  | 13327076  | 13379855  | 0.43   | cps   |
| Holmium    | 165-2 | 7958684   | 8022659   | 8034618   | 8005320   | 0.51   | cps   |
| Indium     | 115-1 | 10198813  | 10186375  | 10094753  | 10159980  | 0.56   | cps   |
| Indium     | 115-2 | 2327867   | 2338111   | 2330698   | 2332225   | 0.23   | cps   |
| Iron       | 56-2  | 190805276 | 191855515 | 190775965 | 191145586 | 0.32   | cps   |
| Iron       | 57-2  | 4703230   | 4723158   | 4721824   | 4716071   | 0.24   | cps   |
| Lead       | 206-1 | 25614     | 26160     | 25464     | 25746     | 1.42   | cps   |
| Lead       | 207-1 | 19676     | 20477     | 20077     | 20077     | 2.00   | cps   |
| Lead       | 208-1 | 95770     | 97502     | 95484     | 96252     | 1.13   | cps   |
| Lithium    | 6-1   | 2992878   | 2983651   | 2953140   | 2976556   | 0.70   | cps   |
| Magnesium  | 24-2  | 16290559  | 16352987  | 16363547  | 16335698  | 0.24   | cps   |
| Manganese  | 55-2  | 10487     | 10541     | 10991     | 10673     | 2.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:46:01 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3945050  | 3924758  | 3896327  | 3922045  | 0.62   | cps   |
| Molybdenum | 95-1  | 6930154  | 6936010  | 6869262  | 6911809  | 0.53   | cps   |
| Molybdenum | 96-1  | 7384409  | 7397409  | 7363516  | 7381778  | 0.23   | cps   |
| Molybdenum | 97-1  | 4286381  | 4287256  | 4237840  | 4270493  | 0.66   | cps   |
| Molybdenum | 98-1  | 11078343 | 11106339 | 10952030 | 11045571 | 0.74   | cps   |
| Neodymium  | 150-1 | 40       | 40       | 73       | 51       | 37.66  | cps   |
| Neodymium  | 150-2 | 10       | 13       | 20       | 14       | 35.26  | cps   |
| Nickel     | 60-2  | 5755     | 5758     | 5868     | 5793     | 1.11   | cps   |
| Phosphorus | 31-2  | 394869   | 400439   | 396923   | 397410   | 0.71   | cps   |
| Potassium  | 39-2  | 17202914 | 17251871 | 17125634 | 17193473 | 0.37   | cps   |
| Rhodium    | 103-1 | 9186082  | 9149296  | 9019754  | 9118377  | 0.96   | cps   |
| Rhodium    | 103-2 | 4768520  | 4805098  | 4773773  | 4782464  | 0.41   | cps   |
| Scandium   | 45-1  | 6618599  | 6568156  | 6523211  | 6569989  | 0.73   | cps   |
| Scandium   | 45-2  | 316278   | 318255   | 320256   | 318263   | 0.62   | cps   |
| Selenium   | 77-2  | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 65       | 70       | 65       | 67       | 4.81   | cps   |
| Selenium   | 82-1  | 25       | 93       | 162      | 93       | 73.13  | cps   |
| Silicon    | 28-1  | 519846   | 503169   | 506097   | 509704   | 1.75   | cps   |
| Silver     | 109-1 | 867      | 1158     | 1275     | 1100     | 19.12  | cps   |
| Silver     | 107-1 | 1175     | 1292     | 1408     | 1292     | 9.03   | cps   |
| Sodium     | 23-2  | 30628736 | 30811750 | 30818169 | 30752885 | 0.35   | cps   |
| Strontium  | 86-1  | 78162    | 78205    | 76613    | 77660    | 1.17   | cps   |
| Strontium  | 88-1  | 674699   | 674650   | 666374   | 671907   | 0.71   | cps   |
| Sulfur     | 34-1  | 3715143  | 3696632  | 3626516  | 3679430  | 1.27   | cps   |
| Terbium    | 159-1 | 13877415 | 13814241 | 13742840 | 13811499 | 0.49   | cps   |
| Terbium    | 159-2 | 7847465  | 7860636  | 7864602  | 7857567  | 0.11   | cps   |
| Thallium   | 203-1 | 867      | 717      | 708      | 764      | 11.67  | cps   |
| Thallium   | 205-1 | 1709     | 1642     | 1717     | 1689     | 2.43   | cps   |
| Tin        | 118-1 | 1525     | 1333     | 1617     | 1492     | 9.69   | cps   |
| Titanium   | 47-1  | 1991998  | 1981176  | 1957107  | 1976761  | 0.90   | cps   |
| Uranium    | 238-1 | 525      | 475      | 508      | 503      | 5.06   | cps   |
| Vanadium   | 51-2  | 353      | 270      | 373      | 332      | 16.50  | cps   |
| Yttrium    | 89-1  | 11017653 | 10939949 | 10821603 | 10926402 | 0.90   | cps   |
| Yttrium    | 89-2  | 1782487  | 1804098  | 1788412  | 1791666  | 0.62   | cps   |
| Zinc       | 66-2  | 4261     | 4497     | 4557     | 4439     | 3.54   | cps   |
| Zirconium  | 90-1  | 1317     | 1383     | 1275     | 1325     | 4.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:46:01 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 333  | 258  | 317     | 16.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:49:36 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6916807   | 6880087   | 6871992   | 6889629   | 0.35   | cps   |
| Antimony   | 121-1 | 153943    | 156116    | 153741    | 154600    | 0.85   | cps   |
| Arsenic    | 75-2  | 5627      | 5766      | 5568      | 5654      | 1.80   | cps   |
| Barium     | 135-1 | 38638     | 38680     | 39449     | 38922     | 1.17   | cps   |
| Barium     | 137-1 | 69525     | 68176     | 67439     | 68380     | 1.55   | cps   |
| Beryllium  | 9-1   | 34295     | 35135     | 34634     | 34688     | 1.22   | cps   |
| Bismuth    | 209-1 | 8019182   | 8021145   | 8078380   | 8039569   | 0.42   | cps   |
| Bismuth    | 209-2 | 5936140   | 5938946   | 5933692   | 5936259   | 0.04   | cps   |
| Boron      | 10-1  | 11313     | 11388     | 11930     | 11544     | 2.92   | cps   |
| Boron      | 11-1  | 54022     | 53261     | 54374     | 53886     | 1.06   | cps   |
| Cadmium    | 111-1 | 35458     | 35972     | 36009     | 35813     | 0.86   | cps   |
| Cadmium    | 106-1 | 8003      | 7869      | 7969      | 7947      | 0.87   | cps   |
| Cadmium    | 108-1 | 4147      | 4055      | 4251      | 4151      | 2.36   | cps   |
| Calcium    | 43-1  | 2086974   | 2090878   | 2101207   | 2093020   | 0.35   | cps   |
| Calcium    | 44-1  | 33755770  | 33967322  | 34108002  | 33943698  | 0.52   | cps   |
| Chromium   | 52-2  | 96245     | 95909     | 95178     | 95777     | 0.57   | cps   |
| Cobalt     | 59-2  | 78941     | 79748     | 78897     | 79195     | 0.61   | cps   |
| Copper     | 63-2  | 74019     | 73068     | 73748     | 73612     | 0.67   | cps   |
| Dysprosium | 156-1 | 42        | 25        | 33        | 33        | 25.01  | cps   |
| Dysprosium | 156-2 | 40        | 30        | 10        | 27        | 57.28  | cps   |
| Erbium     | 164-1 | 117       | 117       | 67        | 100       | 28.87  | cps   |
| Erbium     | 164-2 | 30        | 37        | 30        | 32        | 11.95  | cps   |
| Gadolinium | 160-1 | 100       | 100       | 183       | 128       | 37.65  | cps   |
| Gadolinium | 160-2 | 163       | 180       | 220       | 188       | 15.51  | cps   |
| Holmium    | 165-1 | 13114111  | 13206084  | 13351441  | 13223879  | 0.90   | cps   |
| Holmium    | 165-2 | 8120446   | 8104011   | 8057142   | 8093866   | 0.41   | cps   |
| Indium     | 115-1 | 10168096  | 10159159  | 10235480  | 10187578  | 0.41   | cps   |
| Indium     | 115-2 | 2360697   | 2358671   | 2356374   | 2358580   | 0.09   | cps   |
| Iron       | 56-2  | 193693315 | 193045071 | 192515415 | 193084601 | 0.31   | cps   |
| Iron       | 57-2  | 4758429   | 4750854   | 4752057   | 4753780   | 0.09   | cps   |
| Lead       | 206-1 | 135556    | 133619    | 135450    | 134875    | 0.81   | cps   |
| Lead       | 207-1 | 110869    | 113339    | 112702    | 112303    | 1.14   | cps   |
| Lead       | 208-1 | 518562    | 525373    | 524858    | 522931    | 0.73   | cps   |
| Lithium    | 6-1   | 2918745   | 2931673   | 2938937   | 2929785   | 0.35   | cps   |
| Magnesium  | 24-2  | 16509242  | 16373147  | 16425018  | 16435802  | 0.42   | cps   |
| Manganese  | 55-2  | 37799     | 37708     | 37441     | 37649     | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:49:36 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4238610  | 4242337  | 4248857  | 4243268  | 0.12   | cps   |
| Molybdenum | 95-1  | 7065550  | 7095179  | 7143085  | 7101271  | 0.55   | cps   |
| Molybdenum | 96-1  | 7554736  | 7573978  | 7617047  | 7581920  | 0.42   | cps   |
| Molybdenum | 97-1  | 4338555  | 4372679  | 4382106  | 4364446  | 0.52   | cps   |
| Molybdenum | 98-1  | 11255120 | 11387393 | 11378996 | 11340503 | 0.65   | cps   |
| Neodymium  | 150-1 | 53       | 33       | 33       | 40       | 28.88  | cps   |
| Neodymium  | 150-2 | 23       | 7        | 17       | 16       | 53.90  | cps   |
| Nickel     | 60-2  | 26317    | 25586    | 25315    | 25739    | 2.01   | cps   |
| Phosphorus | 31-2  | 403417   | 396248   | 397514   | 399060   | 0.96   | cps   |
| Potassium  | 39-2  | 17361165 | 17260011 | 17266996 | 17296057 | 0.33   | cps   |
| Rhodium    | 103-1 | 9028443  | 9058780  | 9119531  | 9068918  | 0.51   | cps   |
| Rhodium    | 103-2 | 4791792  | 4816197  | 4847313  | 4818434  | 0.58   | cps   |
| Scandium   | 45-1  | 6478858  | 6546826  | 6552792  | 6526159  | 0.63   | cps   |
| Scandium   | 45-2  | 323999   | 321708   | 319928   | 321878   | 0.63   | cps   |
| Selenium   | 77-2  | 157      | 123      | 100      | 127      | 22.48  | cps   |
| Selenium   | 78-2  | 481      | 443      | 500      | 475      | 6.17   | cps   |
| Selenium   | 82-1  | 2240     | 2151     | 2147     | 2179     | 2.42   | cps   |
| Silicon    | 28-1  | 767995   | 770383   | 767725   | 768701   | 0.19   | cps   |
| Silver     | 109-1 | 155075   | 153507   | 152994   | 153859   | 0.70   | cps   |
| Silver     | 107-1 | 159420   | 162144   | 161283   | 160949   | 0.86   | cps   |
| Sodium     | 23-2  | 30882692 | 30810086 | 30792222 | 30828333 | 0.16   | cps   |
| Strontium  | 86-1  | 192473   | 193438   | 191669   | 192527   | 0.46   | cps   |
| Strontium  | 88-1  | 1684277  | 1683977  | 1692709  | 1686988  | 0.29   | cps   |
| Sulfur     | 34-1  | 3613906  | 3604420  | 3629066  | 3615797  | 0.34   | cps   |
| Terbium    | 159-1 | 13583774 | 13611534 | 13814391 | 13669900 | 0.92   | cps   |
| Terbium    | 159-2 | 7960439  | 7938368  | 7964361  | 7954389  | 0.18   | cps   |
| Thallium   | 203-1 | 134322   | 136191   | 137950   | 136154   | 1.33   | cps   |
| Thallium   | 205-1 | 317596   | 320436   | 329812   | 322615   | 1.98   | cps   |
| Tin        | 118-1 | 290947   | 291667   | 294305   | 292306   | 0.60   | cps   |
| Titanium   | 47-1  | 1996156  | 2017194  | 2010216  | 2007855  | 0.53   | cps   |
| Uranium    | 238-1 | 1192667  | 1197574  | 1196705  | 1195649  | 0.22   | cps   |
| Vanadium   | 51-2  | 39025    | 38804    | 38945    | 38925    | 0.29   | cps   |
| Yttrium    | 89-1  | 10868170 | 10856885 | 10986181 | 10903745 | 0.66   | cps   |
| Yttrium    | 89-2  | 1793426  | 1810494  | 1820988  | 1808303  | 0.77   | cps   |
| Zinc       | 66-2  | 12035    | 11755    | 11928    | 11906    | 1.19   | cps   |
| Zirconium  | 90-1  | 621265   | 621104   | 626077   | 622815   | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:49:36 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 137951 | 136932 | 138556 | 137813  | 0.60   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV052              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV052              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:53:11 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3793961   | 3828616   | 3773602   | 3798726   | 0.73   | cps   |
| Antimony   | 121-1 | 3736237   | 3715797   | 3755061   | 3735698   | 0.53   | cps   |
| Arsenic    | 75-2  | 143051    | 143570    | 142228    | 142950    | 0.47   | cps   |
| Barium     | 135-1 | 4530187   | 4560659   | 4568523   | 4553123   | 0.44   | cps   |
| Barium     | 137-1 | 7883078   | 7942654   | 7927538   | 7917757   | 0.39   | cps   |
| Beryllium  | 9-1   | 864479    | 863519    | 868114    | 865371    | 0.28   | cps   |
| Bismuth    | 209-1 | 7870522   | 7927181   | 7958590   | 7918765   | 0.56   | cps   |
| Bismuth    | 209-2 | 5825237   | 5887932   | 5773133   | 5828767   | 0.99   | cps   |
| Boron      | 10-1  | 98292     | 97203     | 99796     | 98430     | 1.32   | cps   |
| Boron      | 11-1  | 454775    | 459342    | 463666    | 459261    | 0.97   | cps   |
| Cadmium    | 111-1 | 832946    | 840190    | 835053    | 836063    | 0.45   | cps   |
| Cadmium    | 106-1 | 96477     | 94380     | 96654     | 95837     | 1.32   | cps   |
| Cadmium    | 108-1 | 63680     | 63626     | 63500     | 63602     | 0.15   | cps   |
| Calcium    | 43-1  | 5317398   | 5305628   | 5319451   | 5314159   | 0.14   | cps   |
| Calcium    | 44-1  | 86115467  | 85776360  | 86312652  | 86068160  | 0.32   | cps   |
| Chromium   | 52-2  | 1233964   | 1231889   | 1226102   | 1230652   | 0.33   | cps   |
| Cobalt     | 59-2  | 1870681   | 1855930   | 1859009   | 1861873   | 0.42   | cps   |
| Copper     | 63-2  | 2545099   | 2539551   | 2558856   | 2547835   | 0.39   | cps   |
| Dysprosium | 156-1 | 92        | 133       | 92        | 106       | 22.79  | cps   |
| Dysprosium | 156-2 | 87        | 67        | 97        | 83        | 18.33  | cps   |
| Erbium     | 164-1 | 58        | 42        | 42        | 47        | 20.38  | cps   |
| Erbium     | 164-2 | 20        | 13        | 37        | 23        | 51.52  | cps   |
| Gadolinium | 160-1 | 117       | 83        | 125       | 108       | 20.35  | cps   |
| Gadolinium | 160-2 | 153       | 207       | 167       | 176       | 15.81  | cps   |
| Holmium    | 165-1 | 13211896  | 13244033  | 13289045  | 13248325  | 0.29   | cps   |
| Holmium    | 165-2 | 8136915   | 8135174   | 8045297   | 8105796   | 0.65   | cps   |
| Indium     | 115-1 | 9975534   | 10007213  | 10004222  | 9995656   | 0.17   | cps   |
| Indium     | 115-2 | 2326315   | 2307695   | 2317568   | 2317193   | 0.40   | cps   |
| Iron       | 56-2  | 243154817 | 243331761 | 239028328 | 241838302 | 1.01   | cps   |
| Iron       | 57-2  | 5927085   | 5914528   | 5897025   | 5912879   | 0.26   | cps   |
| Lead       | 206-1 | 2725400   | 2718669   | 2720286   | 2721452   | 0.13   | cps   |
| Lead       | 207-1 | 2460146   | 2470820   | 2463935   | 2464967   | 0.22   | cps   |
| Lead       | 208-1 | 11171975  | 11192013  | 11183601  | 11182530  | 0.09   | cps   |
| Lithium    | 6-1   | 2891309   | 2890257   | 2884505   | 2888691   | 0.13   | cps   |
| Magnesium  | 24-2  | 41562697  | 41693531  | 41368168  | 41541465  | 0.39   | cps   |
| Manganese  | 55-2  | 1381519   | 1377321   | 1360516   | 1373119   | 0.81   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV052              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV052              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:53:11 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7344772  | 7304292  | 7374957  | 7341341  | 0.48   | cps   |
| Molybdenum | 95-1  | 9018313  | 8986955  | 8989565  | 8998278  | 0.19   | cps   |
| Molybdenum | 96-1  | 9946149  | 9983304  | 9982190  | 9970547  | 0.21   | cps   |
| Molybdenum | 97-1  | 5566655  | 5597999  | 5598211  | 5587622  | 0.32   | cps   |
| Molybdenum | 98-1  | 14265531 | 14436542 | 14375921 | 14359331 | 0.60   | cps   |
| Neodymium  | 150-1 | 293      | 320      | 327      | 313      | 5.63   | cps   |
| Neodymium  | 150-2 | 53       | 40       | 40       | 44       | 17.33  | cps   |
| Nickel     | 60-2  | 492159   | 491220   | 494001   | 492460   | 0.29   | cps   |
| Phosphorus | 31-2  | 43155    | 42904    | 42378    | 42812    | 0.93   | cps   |
| Potassium  | 39-2  | 21922242 | 22029092 | 21757353 | 21902895 | 0.63   | cps   |
| Rhodium    | 103-1 | 8889409  | 8990658  | 8864441  | 8914836  | 0.75   | cps   |
| Rhodium    | 103-2 | 4760240  | 4727184  | 4724552  | 4737325  | 0.42   | cps   |
| Scandium   | 45-1  | 6540578  | 6515973  | 6564120  | 6540224  | 0.37   | cps   |
| Scandium   | 45-2  | 323490   | 328671   | 325048   | 325736   | 0.82   | cps   |
| Selenium   | 77-2  | 2910     | 2827     | 2907     | 2881     | 1.64   | cps   |
| Selenium   | 78-2  | 9575     | 9796     | 9696     | 9689     | 1.14   | cps   |
| Selenium   | 82-1  | 52690    | 52292    | 52172    | 52385    | 0.52   | cps   |
| Silicon    | 28-1  | 3074890  | 3091943  | 3132617  | 3099817  | 0.96   | cps   |
| Silver     | 109-1 | 3972116  | 3998367  | 3949183  | 3973222  | 0.62   | cps   |
| Silver     | 107-1 | 4135759  | 4150669  | 4170636  | 4152355  | 0.42   | cps   |
| Sodium     | 23-2  | 78757312 | 78942198 | 78545439 | 78748316 | 0.25   | cps   |
| Strontium  | 86-1  | 1175838  | 1178030  | 1172529  | 1175466  | 0.24   | cps   |
| Strontium  | 88-1  | 10332495 | 10339452 | 10312753 | 10328233 | 0.13   | cps   |
| Sulfur     | 34-1  | 683775   | 683117   | 687729   | 684874   | 0.36   | cps   |
| Terbium    | 159-1 | 13830815 | 13691512 | 13726854 | 13749727 | 0.53   | cps   |
| Terbium    | 159-2 | 7932246  | 7945620  | 7883268  | 7920378  | 0.41   | cps   |
| Thallium   | 203-1 | 3356919  | 3370901  | 3393931  | 3373917  | 0.55   | cps   |
| Thallium   | 205-1 | 8087181  | 8154974  | 8088023  | 8110059  | 0.48   | cps   |
| Tin        | 118-1 | 2836912  | 2837685  | 2842103  | 2838900  | 0.10   | cps   |
| Titanium   | 47-1  | 2496570  | 2499969  | 2520937  | 2505825  | 0.53   | cps   |
| Uranium    | 238-1 | 11739093 | 11875423 | 11830850 | 11815122 | 0.59   | cps   |
| Vanadium   | 51-2  | 1012062  | 1008643  | 1001496  | 1007401  | 0.54   | cps   |
| Yttrium    | 89-1  | 10867321 | 10829926 | 10884919 | 10860722 | 0.26   | cps   |
| Yttrium    | 89-2  | 1815283  | 1815758  | 1812873  | 1814638  | 0.09   | cps   |
| Zinc       | 66-2  | 367816   | 367365   | 366443   | 367208   | 0.19   | cps   |
| Zirconium  | 90-1  | 6137864  | 6095127  | 6115033  | 6116008  | 0.35   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV052              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV052              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 12:53:11 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1343326 | 1321892 | 1348198 | 1337805 | 1.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB052              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB052              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:59:01 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 83       | 167      | 128      | 32.82  | cps   |
| Antimony   | 121-1 | 1767     | 1775     | 2025     | 1856     | 7.91   | cps   |
| Arsenic    | 75-2  | 17       | 6        | 6        | 9        | 69.24  | cps   |
| Barium     | 135-1 | 67       | 50       | 75       | 64       | 19.92  | cps   |
| Barium     | 137-1 | 183      | 125      | 125      | 144      | 23.31  | cps   |
| Beryllium  | 9-1   | 328      | 289      | 222      | 280      | 19.09  | cps   |
| Bismuth    | 209-1 | 8609277  | 8525555  | 8644453  | 8593095  | 0.71   | cps   |
| Bismuth    | 209-2 | 6394329  | 6394567  | 6461089  | 6416662  | 0.60   | cps   |
| Boron      | 10-1  | 1483     | 1508     | 1400     | 1464     | 3.88   | cps   |
| Boron      | 11-1  | 7177     | 6777     | 6518     | 6824     | 4.86   | cps   |
| Cadmium    | 111-1 | 1515     | 1474     | 1368     | 1452     | 5.24   | cps   |
| Cadmium    | 106-1 | 3734     | 3609     | 3401     | 3581     | 4.70   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 225      | 150      | 175      | 183      | 20.83  | cps   |
| Calcium    | 44-1  | 10721    | 10571    | 9845     | 10379    | 4.51   | cps   |
| Chromium   | 52-2  | 187      | 233      | 247      | 222      | 14.18  | cps   |
| Cobalt     | 59-2  | 90       | 103      | 73       | 89       | 16.92  | cps   |
| Copper     | 63-2  | 1260     | 1107     | 1180     | 1182     | 6.49   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 7        | 20       | 7        | 11       | 69.25  | cps   |
| Erbium     | 164-1 | 42       | 25       | 58       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 30       | 17       | 7        | 18       | 65.83  | cps   |
| Gadolinium | 160-1 | 133      | 117      | 142      | 131      | 9.75   | cps   |
| Gadolinium | 160-2 | 180      | 183      | 180      | 181      | 1.06   | cps   |
| Holmium    | 165-1 | 13528608 | 13200265 | 13493825 | 13407566 | 1.35   | cps   |
| Holmium    | 165-2 | 8264240  | 8261796  | 8289424  | 8271820  | 0.18   | cps   |
| Indium     | 115-1 | 10846209 | 10707286 | 10740693 | 10764729 | 0.67   | cps   |
| Indium     | 115-2 | 2488062  | 2510492  | 2529156  | 2509237  | 0.82   | cps   |
| Iron       | 56-2  | 10482    | 10115    | 10193    | 10263    | 1.88   | cps   |
| Iron       | 57-2  | 494      | 600      | 533      | 543      | 9.84   | cps   |
| Lead       | 206-1 | 722      | 811      | 711      | 748      | 7.33   | cps   |
| Lead       | 207-1 | 811      | 622      | 700      | 711      | 13.35  | cps   |
| Lead       | 208-1 | 3211     | 3156     | 2984     | 3117     | 3.81   | cps   |
| Lithium    | 6-1   | 3046143  | 2995186  | 3027011  | 3022780  | 0.85   | cps   |
| Magnesium  | 24-2  | 1250     | 1158     | 1175     | 1195     | 4.09   | cps   |
| Manganese  | 55-2  | 77       | 27       | 87       | 63       | 50.75  | cps   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : CCB052 Instrumnet Name : P7  
 Client Sample ID : CCB052 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 12:59:01 DataFile Name : 017CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 942      | 742      | 758      | 814      | 13.64    | cps   |
| Molybdenum | 95-1  | 1158     | 975      | 983      | 1039     | 9.97     | cps   |
| Molybdenum | 96-1  | 1225     | 1267     | 1250     | 1247     | 1.68     | cps   |
| Molybdenum | 97-1  | 633      | 658      | 575      | 622      | 6.87     | cps   |
| Molybdenum | 98-1  | 1692     | 1483     | 1333     | 1503     | 11.98    | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60    | cps   |
| Nickel     | 60-2  | 127      | 237      | 223      | 196      | 30.70    | cps   |
| Phosphorus | 31-2  | 242      | 308      | 275      | 275      | 12.12    | cps   |
| Potassium  | 39-2  | 41208    | 42420    | 42094    | 41908    | 1.50     | cps   |
| Rhodium    | 103-1 | 9995850  | 9893494  | 9906584  | 9931976  | 0.56     | cps   |
| Rhodium    | 103-2 | 5260105  | 5311721  | 5336648  | 5302824  | 0.74     | cps   |
| Scandium   | 45-1  | 6799208  | 6775987  | 6845640  | 6806945  | 0.52     | cps   |
| Scandium   | 45-2  | 339064   | 340694   | 343679   | 341145   | 0.69     | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21   | cps   |
| Selenium   | 78-2  | 50       | 98       | 74       | 74       | 32.50    | cps   |
| Selenium   | 82-1  | 30       | 53       | -86      | -1       | -6654.91 | cps   |
| Silicon    | 28-1  | 389949   | 390903   | 389927   | 390260   | 0.14     | cps   |
| Silver     | 109-1 | 342      | 300      | 250      | 297      | 15.44    | cps   |
| Silver     | 107-1 | 300      | 258      | 367      | 308      | 17.72    | cps   |
| Sodium     | 23-2  | 34090    | 34149    | 33588    | 33942    | 0.91     | cps   |
| Strontium  | 86-1  | 625      | 625      | 650      | 633      | 2.28     | cps   |
| Strontium  | 88-1  | 183      | 350      | 292      | 275      | 30.76    | cps   |
| Sulfur     | 34-1  | 399653   | 400148   | 404593   | 401465   | 0.68     | cps   |
| Terbium    | 159-1 | 13998601 | 13783612 | 13856651 | 13879621 | 0.79     | cps   |
| Terbium    | 159-2 | 8147286  | 8157290  | 8163064  | 8155880  | 0.10     | cps   |
| Thallium   | 203-1 | 717      | 542      | 600      | 619      | 14.39    | cps   |
| Thallium   | 205-1 | 1617     | 1508     | 1550     | 1558     | 3.51     | cps   |
| Tin        | 118-1 | 967      | 1008     | 1108     | 1028     | 7.08     | cps   |
| Titanium   | 47-1  | 150      | 142      | 200      | 164      | 19.25    | cps   |
| Uranium    | 238-1 | 142      | 83       | 100      | 108      | 27.73    | cps   |
| Vanadium   | 51-2  | 3        | 13       | 3        | 7        | 86.65    | cps   |
| Yttrium    | 89-1  | 11354067 | 11189059 | 11331152 | 11291426 | 0.79     | cps   |
| Yttrium    | 89-2  | 1885013  | 1902689  | 1904894  | 1897532  | 0.57     | cps   |
| Zinc       | 66-2  | 197      | 153      | 163      | 171      | 13.26    | cps   |
| Zirconium  | 90-1  | 833      | 983      | 967      | 928      | 8.86     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB052              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB052              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 12:59:01 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 208  | 175  | 181     | 14.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:02:43 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1442     | 1650     | 1433     | 1508     | 8.14   | cps   |
| Antimony   | 121-1 | 15009    | 15418    | 15376    | 15267    | 1.47   | cps   |
| Arsenic    | 75-2  | 283      | 280      | 337      | 300      | 10.71  | cps   |
| Barium     | 135-1 | 17053    | 16502    | 16911    | 16822    | 1.70   | cps   |
| Barium     | 137-1 | 29808    | 29650    | 29248    | 29569    | 0.98   | cps   |
| Beryllium  | 9-1   | 2145     | 2028     | 1817     | 1996     | 8.32   | cps   |
| Bismuth    | 209-1 | 8491884  | 8476464  | 8522852  | 8497066  | 0.28   | cps   |
| Bismuth    | 209-2 | 6393164  | 6462453  | 6417293  | 6424304  | 0.55   | cps   |
| Boron      | 10-1  | 5368     | 5501     | 6051     | 5640     | 6.43   | cps   |
| Boron      | 11-1  | 26616    | 26374    | 26532    | 26507    | 0.46   | cps   |
| Cadmium    | 111-1 | 3121     | 3023     | 3182     | 3109     | 2.58   | cps   |
| Cadmium    | 106-1 | 4084     | 3609     | 4151     | 3948     | 7.48   | cps   |
| Cadmium    | 108-1 | 104      | 146      | 133      | 128      | 16.73  | cps   |
| Calcium    | 43-1  | 9854     | 10429    | 9912     | 10065    | 3.15   | cps   |
| Calcium    | 44-1  | 170995   | 172081   | 170944   | 171340   | 0.37   | cps   |
| Chromium   | 52-2  | 5478     | 5241     | 5161     | 5293     | 3.11   | cps   |
| Cobalt     | 59-2  | 3844     | 3937     | 4004     | 3928     | 2.05   | cps   |
| Copper     | 63-2  | 6655     | 6515     | 6585     | 6585     | 1.06   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 7        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 67       | 133      | 33       | 78       | 65.47  | cps   |
| Erbium     | 164-2 | 27       | 20       | 30       | 26       | 19.92  | cps   |
| Gadolinium | 160-1 | 117      | 108      | 117      | 114      | 4.22   | cps   |
| Gadolinium | 160-2 | 183      | 220      | 140      | 181      | 22.11  | cps   |
| Holmium    | 165-1 | 13415378 | 13397073 | 13470044 | 13427498 | 0.28   | cps   |
| Holmium    | 165-2 | 8298552  | 8257027  | 8269800  | 8275126  | 0.26   | cps   |
| Indium     | 115-1 | 10765931 | 10747595 | 10766092 | 10759873 | 0.10   | cps   |
| Indium     | 115-2 | 2543276  | 2541657  | 2498789  | 2527907  | 1.00   | cps   |
| Iron       | 56-2  | 107171   | 103020   | 104821   | 105004   | 1.98   | cps   |
| Iron       | 57-2  | 2745     | 3078     | 3011     | 2945     | 5.99   | cps   |
| Lead       | 206-1 | 5501     | 5751     | 5935     | 5729     | 3.80   | cps   |
| Lead       | 207-1 | 4968     | 5268     | 4984     | 5073     | 3.32   | cps   |
| Lead       | 208-1 | 22758    | 23531    | 23075    | 23121    | 1.68   | cps   |
| Lithium    | 6-1   | 3042588  | 3052324  | 3060255  | 3051722  | 0.29   | cps   |
| Magnesium  | 24-2  | 84730    | 85234    | 82879    | 84281    | 1.47   | cps   |
| Manganese  | 55-2  | 1493     | 1413     | 1433     | 1447     | 2.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:02:43 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14399    | 14424    | 13674    | 14166    | 3.01   | cps   |
| Molybdenum | 95-1  | 16752    | 17219    | 16435    | 16802    | 2.35   | cps   |
| Molybdenum | 96-1  | 18922    | 18487    | 18963    | 18791    | 1.40   | cps   |
| Molybdenum | 97-1  | 10571    | 10104    | 10671    | 10449    | 2.90   | cps   |
| Molybdenum | 98-1  | 27377    | 27235    | 27010    | 27207    | 0.68   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 1290     | 1337     | 1367     | 1331     | 2.90   | cps   |
| Phosphorus | 31-2  | 317      | 308      | 267      | 297      | 9.01   | cps   |
| Potassium  | 39-2  | 128048   | 129107   | 129033   | 128729   | 0.46   | cps   |
| Rhodium    | 103-1 | 10041166 | 9983875  | 9995020  | 10006687 | 0.30   | cps   |
| Rhodium    | 103-2 | 5345496  | 5329830  | 5297484  | 5324270  | 0.46   | cps   |
| Scandium   | 45-1  | 6902524  | 6934289  | 6934405  | 6923739  | 0.27   | cps   |
| Scandium   | 45-2  | 348271   | 346307   | 345865   | 346814   | 0.37   | cps   |
| Selenium   | 77-2  | 33       | 13       | 37       | 28       | 45.44  | cps   |
| Selenium   | 78-2  | 183      | 152      | 169      | 168      | 9.38   | cps   |
| Selenium   | 82-1  | 490      | 461      | 478      | 476      | 3.02   | cps   |
| Silicon    | 28-1  | 460417   | 464063   | 463533   | 462671   | 0.43   | cps   |
| Silver     | 109-1 | 8778     | 8136     | 8278     | 8397     | 4.02   | cps   |
| Silver     | 107-1 | 8820     | 8303     | 8778     | 8634     | 3.33   | cps   |
| Sodium     | 23-2  | 190004   | 186622   | 184435   | 187020   | 1.50   | cps   |
| Strontium  | 86-1  | 2859     | 2934     | 2967     | 2920     | 1.90   | cps   |
| Strontium  | 88-1  | 18930    | 18446    | 18888    | 18755    | 1.43   | cps   |
| Sulfur     | 34-1  | 424286   | 424905   | 422733   | 423974   | 0.26   | cps   |
| Terbium    | 159-1 | 13902044 | 13958565 | 13934543 | 13931717 | 0.20   | cps   |
| Terbium    | 159-2 | 8169002  | 8200604  | 8150370  | 8173326  | 0.31   | cps   |
| Thallium   | 203-1 | 6602     | 6877     | 6785     | 6755     | 2.07   | cps   |
| Thallium   | 205-1 | 16828    | 16394    | 16002    | 16408    | 2.52   | cps   |
| Tin        | 118-1 | 27628    | 27770    | 27720    | 27706    | 0.26   | cps   |
| Titanium   | 47-1  | 5193     | 5376     | 5159     | 5243     | 2.23   | cps   |
| Uranium    | 238-1 | 20233    | 20809    | 21343    | 20795    | 2.67   | cps   |
| Vanadium   | 51-2  | 9473     | 9753     | 9620     | 9615     | 1.46   | cps   |
| Yttrium    | 89-1  | 11508279 | 11388894 | 11350499 | 11415891 | 0.72   | cps   |
| Yttrium    | 89-2  | 1935554  | 1915442  | 1908365  | 1919787  | 0.73   | cps   |
| Zinc       | 66-2  | 1007     | 883      | 883      | 924      | 7.70   | cps   |
| Zirconium  | 90-1  | 12998    | 13499    | 13023    | 13173    | 2.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:02:43 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2584 | 2992 | 2717 | 2764    | 7.54   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:06:16 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 158      | 67       | 75       | 100      | 50.69  | cps   |
| Antimony   | 121-1 | 558      | 617      | 575      | 583      | 5.15   | cps   |
| Arsenic    | 75-2  | 4        | 4        | 7        | 5        | 43.39  | cps   |
| Barium     | 135-1 | 50       | 58       | 67       | 58       | 14.29  | cps   |
| Barium     | 137-1 | 75       | 50       | 108      | 78       | 37.63  | cps   |
| Beryllium  | 9-1   | 206      | 172      | 250      | 209      | 18.65  | cps   |
| Bismuth    | 209-1 | 8465886  | 8346702  | 8345205  | 8385931  | 0.83   | cps   |
| Bismuth    | 209-2 | 6276001  | 6275833  | 6245954  | 6265929  | 0.28   | cps   |
| Boron      | 10-1  | 975      | 800      | 883      | 886      | 9.88   | cps   |
| Boron      | 11-1  | 4759     | 4192     | 4134     | 4362     | 7.92   | cps   |
| Cadmium    | 111-1 | 1535     | 1709     | 1551     | 1599     | 6.03   | cps   |
| Cadmium    | 106-1 | 3826     | 4242     | 3884     | 3984     | 5.67   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 17       | 22       | 28.64  | cps   |
| Calcium    | 43-1  | 142      | 108      | 108      | 119      | 16.11  | cps   |
| Calcium    | 44-1  | 8945     | 8861     | 8745     | 8850     | 1.14   | cps   |
| Chromium   | 52-2  | 223      | 310      | 303      | 279      | 17.29  | cps   |
| Cobalt     | 59-2  | 97       | 103      | 83       | 94       | 10.79  | cps   |
| Copper     | 63-2  | 980      | 960      | 1047     | 996      | 4.56   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Erbium     | 164-1 | 50       | 67       | 50       | 56       | 17.32  | cps   |
| Erbium     | 164-2 | 20       | 33       | 20       | 24       | 31.49  | cps   |
| Gadolinium | 160-1 | 75       | 67       | 67       | 69       | 6.93   | cps   |
| Gadolinium | 160-2 | 167      | 163      | 187      | 172      | 7.33   | cps   |
| Holmium    | 165-1 | 13182047 | 13209688 | 13102135 | 13164623 | 0.42   | cps   |
| Holmium    | 165-2 | 8163400  | 8154336  | 8095464  | 8137733  | 0.45   | cps   |
| Indium     | 115-1 | 10736679 | 10614119 | 10561912 | 10637570 | 0.84   | cps   |
| Indium     | 115-2 | 2465642  | 2498473  | 2489856  | 2484657  | 0.69   | cps   |
| Iron       | 56-2  | 6396     | 5862     | 5862     | 6040     | 5.10   | cps   |
| Iron       | 57-2  | 406      | 400      | 444      | 417      | 5.81   | cps   |
| Lead       | 206-1 | 533      | 533      | 611      | 559      | 8.03   | cps   |
| Lead       | 207-1 | 333      | 433      | 494      | 420      | 19.35  | cps   |
| Lead       | 208-1 | 1978     | 2056     | 2250     | 2095     | 6.69   | cps   |
| Lithium    | 6-1   | 3070830  | 3026906  | 3029913  | 3042550  | 0.81   | cps   |
| Magnesium  | 24-2  | 983      | 850      | 1067     | 967      | 11.31  | cps   |
| Manganese  | 55-2  | 60       | 53       | 60       | 58       | 6.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:06:16 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 375      | 525      | 300      | 400      | 28.64  | cps   |
| Molybdenum | 95-1  | 283      | 233      | 158      | 225      | 27.96  | cps   |
| Molybdenum | 96-1  | 450      | 317      | 300      | 356      | 23.12  | cps   |
| Molybdenum | 97-1  | 225      | 167      | 150      | 181      | 21.81  | cps   |
| Molybdenum | 98-1  | 425      | 375      | 283      | 361      | 19.90  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 207      | 210      | 197      | 204      | 3.40   | cps   |
| Phosphorus | 31-2  | 250      | 175      | 242      | 222      | 18.50  | cps   |
| Potassium  | 39-2  | 42738    | 42161    | 42311    | 42403    | 0.71   | cps   |
| Rhodium    | 103-1 | 10051355 | 9859227  | 9883453  | 9931345  | 1.05   | cps   |
| Rhodium    | 103-2 | 5267914  | 5240518  | 5265472  | 5257968  | 0.29   | cps   |
| Scandium   | 45-1  | 6933838  | 6872116  | 6799444  | 6868466  | 0.98   | cps   |
| Scandium   | 45-2  | 344677   | 343882   | 344868   | 344476   | 0.15   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 72       | 52       | 59       | 61       | 16.87  | cps   |
| Selenium   | 82-1  | 10       | -24      | 23       | 3        | 808.09 | cps   |
| Silicon    | 28-1  | 392556   | 391671   | 395827   | 393351   | 0.56   | cps   |
| Silver     | 109-1 | 133      | 242      | 142      | 172      | 35.00  | cps   |
| Silver     | 107-1 | 217      | 217      | 183      | 206      | 9.36   | cps   |
| Sodium     | 23-2  | 27584    | 26816    | 27159    | 27186    | 1.42   | cps   |
| Strontium  | 86-1  | 817      | 533      | 658      | 669      | 21.21  | cps   |
| Strontium  | 88-1  | 208      | 142      | 125      | 158      | 27.85  | cps   |
| Sulfur     | 34-1  | 430984   | 432379   | 429750   | 431038   | 0.31   | cps   |
| Terbium    | 159-1 | 13712383 | 13560061 | 13624973 | 13632472 | 0.56   | cps   |
| Terbium    | 159-2 | 8099692  | 8022184  | 8002043  | 8041306  | 0.64   | cps   |
| Thallium   | 203-1 | 283      | 317      | 383      | 328      | 15.53  | cps   |
| Thallium   | 205-1 | 583      | 658      | 600      | 614      | 6.41   | cps   |
| Tin        | 118-1 | 783      | 542      | 600      | 642      | 19.66  | cps   |
| Titanium   | 47-1  | 117      | 117      | 100      | 111      | 8.66   | cps   |
| Uranium    | 238-1 | 58       | 17       | 33       | 36       | 58.08  | cps   |
| Vanadium   | 51-2  | 30       | 3        | 0        | 11       | 148.01 | cps   |
| Yttrium    | 89-1  | 11377646 | 11341399 | 11294604 | 11337883 | 0.37   | cps   |
| Yttrium    | 89-2  | 1886668  | 1885069  | 1878616  | 1883451  | 0.23   | cps   |
| Zinc       | 66-2  | 103      | 157      | 107      | 122      | 24.44  | cps   |
| Zirconium  | 90-1  | 767      | 800      | 750      | 772      | 3.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:06:16 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 167  | 125  | 144     | 14.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:09:50 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2917     | 2917     | 2750     | 2862     | 3.36   | cps   |
| Antimony   | 121-1 | 28396    | 27962    | 28747    | 28368    | 1.39   | cps   |
| Arsenic    | 75-2  | 582      | 515      | 550      | 549      | 6.08   | cps   |
| Barium     | 135-1 | 31912    | 32656    | 32623    | 32397    | 1.30   | cps   |
| Barium     | 137-1 | 55545    | 56766    | 56357    | 56223    | 1.11   | cps   |
| Beryllium  | 9-1   | 3495     | 3378     | 3534     | 3469     | 2.33   | cps   |
| Bismuth    | 209-1 | 8343185  | 8373056  | 8416072  | 8377438  | 0.44   | cps   |
| Bismuth    | 209-2 | 6231084  | 6415332  | 6383515  | 6343311  | 1.55   | cps   |
| Boron      | 10-1  | 4334     | 4476     | 4459     | 4423     | 1.75   | cps   |
| Boron      | 11-1  | 19388    | 20898    | 19689    | 19992    | 4.00   | cps   |
| Cadmium    | 111-1 | 2247     | 2422     | 2224     | 2298     | 4.71   | cps   |
| Cadmium    | 106-1 | 3959     | 4109     | 3692     | 3920     | 5.38   | cps   |
| Cadmium    | 108-1 | 92       | 117      | 100      | 103      | 12.39  | cps   |
| Calcium    | 43-1  | 19705    | 20799    | 20815    | 20440    | 3.11   | cps   |
| Calcium    | 44-1  | 335332   | 339388   | 339756   | 338159   | 0.73   | cps   |
| Chromium   | 52-2  | 9190     | 9306     | 9457     | 9318     | 1.44   | cps   |
| Cobalt     | 59-2  | 7545     | 7629     | 7986     | 7720     | 3.03   | cps   |
| Copper     | 63-2  | 11915    | 12185    | 11705    | 11935    | 2.02   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 25       | 8        | 25       | 19       | 49.50  | cps   |
| Erbium     | 164-2 | 27       | 10       | 20       | 19       | 44.42  | cps   |
| Gadolinium | 160-1 | 83       | 92       | 75       | 83       | 10.00  | cps   |
| Gadolinium | 160-2 | 140      | 150      | 167      | 152      | 8.85   | cps   |
| Holmium    | 165-1 | 13138605 | 13396000 | 13229531 | 13254712 | 0.98   | cps   |
| Holmium    | 165-2 | 8058563  | 8301996  | 8217117  | 8192559  | 1.51   | cps   |
| Indium     | 115-1 | 10739185 | 10820896 | 10741551 | 10767211 | 0.43   | cps   |
| Indium     | 115-2 | 2489141  | 2552801  | 2519803  | 2520582  | 1.26   | cps   |
| Iron       | 56-2  | 1299666  | 1305783  | 1319763  | 1308404  | 0.79   | cps   |
| Iron       | 57-2  | 32598    | 32804    | 32893    | 32765    | 0.46   | cps   |
| Lead       | 206-1 | 9865     | 10454    | 10566    | 10295    | 3.66   | cps   |
| Lead       | 207-1 | 9037     | 9593     | 9565     | 9398     | 3.33   | cps   |
| Lead       | 208-1 | 41326    | 42483    | 42767    | 42192    | 1.81   | cps   |
| Lithium    | 6-1   | 3101728  | 3122345  | 3091877  | 3105317  | 0.50   | cps   |
| Magnesium  | 24-2  | 172354   | 168654   | 167955   | 169655   | 1.39   | cps   |
| Manganese  | 55-2  | 2637     | 2790     | 2744     | 2724     | 2.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:09:50 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 26943    | 27269    | 27043    | 27085    | 0.62   | cps   |
| Molybdenum | 95-1  | 31837    | 32229    | 32989    | 32351    | 1.81   | cps   |
| Molybdenum | 96-1  | 36030    | 35720    | 35596    | 35782    | 0.62   | cps   |
| Molybdenum | 97-1  | 19581    | 19222    | 20232    | 19678    | 2.60   | cps   |
| Molybdenum | 98-1  | 51067    | 50733    | 50875    | 50892    | 0.33   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2190     | 2477     | 2344     | 2337     | 6.14   | cps   |
| Phosphorus | 31-2  | 600      | 683      | 650      | 644      | 6.51   | cps   |
| Potassium  | 39-2  | 216667   | 216650   | 216659   | 216659   | 0.00   | cps   |
| Rhodium    | 103-1 | 9950537  | 10081511 | 9994231  | 10008759 | 0.67   | cps   |
| Rhodium    | 103-2 | 5234886  | 5395249  | 5339003  | 5323046  | 1.53   | cps   |
| Scandium   | 45-1  | 6972878  | 6985195  | 6973836  | 6977303  | 0.10   | cps   |
| Scandium   | 45-2  | 346778   | 355620   | 350779   | 351059   | 1.26   | cps   |
| Selenium   | 77-2  | 50       | 53       | 47       | 50       | 6.66   | cps   |
| Selenium   | 78-2  | 274      | 306      | 244      | 275      | 11.12  | cps   |
| Selenium   | 82-1  | 1055     | 1001     | 1068     | 1041     | 3.42   | cps   |
| Silicon    | 28-1  | 488767   | 509509   | 500197   | 499491   | 2.08   | cps   |
| Silver     | 109-1 | 15801    | 15885    | 16427    | 16037    | 2.12   | cps   |
| Silver     | 107-1 | 16602    | 16519    | 16627    | 16583    | 0.34   | cps   |
| Sodium     | 23-2  | 342033   | 343908   | 338856   | 341599   | 0.75   | cps   |
| Strontium  | 86-1  | 5276     | 4843     | 5343     | 5154     | 5.27   | cps   |
| Strontium  | 88-1  | 39698    | 38018    | 39940    | 39218    | 2.67   | cps   |
| Sulfur     | 34-1  | 444966   | 441743   | 446548   | 444419   | 0.55   | cps   |
| Terbium    | 159-1 | 13687862 | 13744278 | 13831195 | 13754445 | 0.52   | cps   |
| Terbium    | 159-2 | 8049922  | 8195743  | 8150415  | 8132027  | 0.92   | cps   |
| Thallium   | 203-1 | 12898    | 12139    | 12239    | 12426    | 3.32   | cps   |
| Thallium   | 205-1 | 29693    | 28774    | 29951    | 29473    | 2.10   | cps   |
| Tin        | 118-1 | 51914    | 52281    | 52123    | 52106    | 0.35   | cps   |
| Titanium   | 47-1  | 9495     | 9212     | 9637     | 9448     | 2.29   | cps   |
| Uranium    | 238-1 | 41668    | 42136    | 40054    | 41286    | 2.65   | cps   |
| Vanadium   | 51-2  | 19156    | 19166    | 18852    | 19058    | 0.94   | cps   |
| Yttrium    | 89-1  | 11352641 | 11448301 | 11470745 | 11423896 | 0.55   | cps   |
| Yttrium    | 89-2  | 1895826  | 1936798  | 1914306  | 1915644  | 1.07   | cps   |
| Zinc       | 66-2  | 1740     | 1610     | 1813     | 1721     | 5.98   | cps   |
| Zirconium  | 90-1  | 23670    | 24422    | 23729    | 23940    | 1.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109304BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:09:50 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5276 | 5051 | 5335 | 5221    | 2.87   | cps   |

LB Number : LB95405 Operator : Jaswal  
 Lab Sample ID : PB109305BL Instrumnet Name : P7  
 Client Sample ID : PBW007 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-16 13:13:23 DataFile Name : 021CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92       | 83       | 142      | 106      | 29.89  | cps   |
| Antimony   | 121-1 | 292      | 325      | 358      | 325      | 10.26  | cps   |
| Arsenic    | 75-2  | 6        | 4        | 2        | 4        | 50.09  | cps   |
| Barium     | 135-1 | 42       | 50       | 50       | 47       | 10.18  | cps   |
| Barium     | 137-1 | 83       | 108      | 67       | 86       | 24.35  | cps   |
| Beryllium  | 9-1   | 228      | 172      | 189      | 196      | 14.52  | cps   |
| Bismuth    | 209-1 | 8297264  | 8275451  | 8276608  | 8283107  | 0.15   | cps   |
| Bismuth    | 209-2 | 6270839  | 6281186  | 6350751  | 6300925  | 0.69   | cps   |
| Boron      | 10-1  | 583      | 625      | 608      | 606      | 3.46   | cps   |
| Boron      | 11-1  | 3000     | 2850     | 2717     | 2856     | 4.96   | cps   |
| Cadmium    | 111-1 | 1541     | 1430     | 1472     | 1481     | 3.78   | cps   |
| Cadmium    | 106-1 | 3851     | 3559     | 3676     | 3695     | 3.97   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 17       | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 142      | 150      | 75       | 122      | 33.64  | cps   |
| Calcium    | 44-1  | 8987     | 8961     | 9545     | 9164     | 3.60   | cps   |
| Chromium   | 52-2  | 300      | 307      | 283      | 297      | 4.05   | cps   |
| Cobalt     | 59-2  | 57       | 73       | 103      | 78       | 30.41  | cps   |
| Copper     | 63-2  | 1017     | 913      | 870      | 933      | 8.07   | cps   |
| Dysprosium | 156-1 | 33       | 0        | 8        | 14       | 124.92 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 58       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 17       | 20       | 30       | 22       | 31.22  | cps   |
| Gadolinium | 160-1 | 117      | 100      | 100      | 106      | 9.11   | cps   |
| Gadolinium | 160-2 | 153      | 183      | 163      | 167      | 9.16   | cps   |
| Holmium    | 165-1 | 13154231 | 13126203 | 13133473 | 13137969 | 0.11   | cps   |
| Holmium    | 165-2 | 8227063  | 8157949  | 8229778  | 8204930  | 0.50   | cps   |
| Indium     | 115-1 | 10669803 | 10725951 | 10707216 | 10700990 | 0.27   | cps   |
| Indium     | 115-2 | 2516700  | 2487532  | 2511440  | 2505224  | 0.62   | cps   |
| Iron       | 56-2  | 5646     | 5518     | 5535     | 5566     | 1.25   | cps   |
| Iron       | 57-2  | 433      | 478      | 467      | 459      | 5.04   | cps   |
| Lead       | 206-1 | 339      | 400      | 322      | 354      | 11.58  | cps   |
| Lead       | 207-1 | 378      | 333      | 294      | 335      | 12.44  | cps   |
| Lead       | 208-1 | 1578     | 1517     | 1522     | 1539     | 2.20   | cps   |
| Lithium    | 6-1   | 3119551  | 3118371  | 3140807  | 3126243  | 0.40   | cps   |
| Magnesium  | 24-2  | 783      | 875      | 867      | 842      | 6.02   | cps   |
| Manganese  | 55-2  | 70       | 80       | 70       | 73       | 7.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:13:23 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 225      | 292      | 392      | 303      | 27.71  | cps   |
| Molybdenum | 95-1  | 133      | 117      | 142      | 131      | 9.75   | cps   |
| Molybdenum | 96-1  | 158      | 142      | 108      | 136      | 18.70  | cps   |
| Molybdenum | 97-1  | 92       | 83       | 75       | 83       | 10.00  | cps   |
| Molybdenum | 98-1  | 133      | 192      | 225      | 183      | 25.31  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 200      | 200      | 183      | 194      | 4.95   | cps   |
| Phosphorus | 31-2  | 275      | 283      | 242      | 267      | 8.27   | cps   |
| Potassium  | 39-2  | 41935    | 42587    | 41484    | 42002    | 1.32   | cps   |
| Rhodium    | 103-1 | 10000665 | 9987999  | 10028459 | 10005707 | 0.21   | cps   |
| Rhodium    | 103-2 | 5298495  | 5255664  | 5308047  | 5287402  | 0.53   | cps   |
| Scandium   | 45-1  | 6955805  | 6980842  | 6980468  | 6972372  | 0.21   | cps   |
| Scandium   | 45-2  | 347727   | 349470   | 350938   | 349378   | 0.46   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 83       | 67       | 65       | 72       | 14.24  | cps   |
| Selenium   | 82-1  | 17       | -6       | 42       | 18       | 134.90 | cps   |
| Silicon    | 28-1  | 408060   | 405524   | 403906   | 405830   | 0.52   | cps   |
| Silver     | 109-1 | 100      | 183      | 83       | 122      | 43.83  | cps   |
| Silver     | 107-1 | 200      | 158      | 158      | 172      | 13.97  | cps   |
| Sodium     | 23-2  | 24738    | 24780    | 25080    | 24866    | 0.75   | cps   |
| Strontium  | 86-1  | 675      | 600      | 617      | 631      | 6.25   | cps   |
| Strontium  | 88-1  | 150      | 200      | 233      | 194      | 21.57  | cps   |
| Sulfur     | 34-1  | 438684   | 435895   | 436011   | 436863   | 0.36   | cps   |
| Terbium    | 159-1 | 13638976 | 13616704 | 13709014 | 13654898 | 0.35   | cps   |
| Terbium    | 159-2 | 8164867  | 8073491  | 8093367  | 8110575  | 0.59   | cps   |
| Thallium   | 203-1 | 192      | 150      | 142      | 161      | 16.63  | cps   |
| Thallium   | 205-1 | 583      | 525      | 433      | 514      | 14.72  | cps   |
| Tin        | 118-1 | 592      | 550      | 567      | 569      | 3.68   | cps   |
| Titanium   | 47-1  | 158      | 108      | 142      | 136      | 18.70  | cps   |
| Uranium    | 238-1 | 17       | 50       | 42       | 36       | 48.03  | cps   |
| Vanadium   | 51-2  | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Yttrium    | 89-1  | 11352604 | 11432765 | 11380676 | 11388682 | 0.36   | cps   |
| Yttrium    | 89-2  | 1911019  | 1907218  | 1910156  | 1909464  | 0.10   | cps   |
| Zinc       | 66-2  | 100      | 133      | 157      | 130      | 21.91  | cps   |
| Zirconium  | 90-1  | 833      | 642      | 800      | 758      | 13.50  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:13:23 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 133  | 117  | 108     | 27.74  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:16:57 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3067     | 3009     | 2967     | 3014     | 1.67   | cps   |
| Antimony   | 121-1 | 27520    | 28187    | 26518    | 27408    | 3.07   | cps   |
| Arsenic    | 75-2  | 552      | 520      | 626      | 566      | 9.57   | cps   |
| Barium     | 135-1 | 31628    | 31679    | 31645    | 31651    | 0.08   | cps   |
| Barium     | 137-1 | 56073    | 56449    | 56449    | 56323    | 0.39   | cps   |
| Beryllium  | 9-1   | 3384     | 3378     | 3278     | 3347     | 1.78   | cps   |
| Bismuth    | 209-1 | 8233581  | 8283408  | 8263696  | 8260228  | 0.30   | cps   |
| Bismuth    | 209-2 | 6313186  | 6389658  | 6343754  | 6348866  | 0.61   | cps   |
| Boron      | 10-1  | 4092     | 3892     | 3934     | 3973     | 2.66   | cps   |
| Boron      | 11-1  | 18896    | 19313    | 19163    | 19124    | 1.10   | cps   |
| Cadmium    | 111-1 | 2467     | 2210     | 2204     | 2294     | 6.55   | cps   |
| Cadmium    | 106-1 | 4017     | 3784     | 3767     | 3856     | 3.63   | cps   |
| Cadmium    | 108-1 | 58       | 113      | 71       | 81       | 35.21  | cps   |
| Calcium    | 43-1  | 19848    | 20598    | 20123    | 20190    | 1.88   | cps   |
| Calcium    | 44-1  | 330882   | 333312   | 329213   | 331136   | 0.62   | cps   |
| Chromium   | 52-2  | 9503     | 9396     | 9800     | 9567     | 2.19   | cps   |
| Cobalt     | 59-2  | 7685     | 7762     | 7889     | 7779     | 1.32   | cps   |
| Copper     | 63-2  | 11495    | 11591    | 12065    | 11717    | 2.61   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 67       | 33       | 33       | 44       | 43.31  | cps   |
| Erbium     | 164-2 | 30       | 30       | 23       | 28       | 13.86  | cps   |
| Gadolinium | 160-1 | 92       | 117      | 108      | 106      | 12.06  | cps   |
| Gadolinium | 160-2 | 217      | 210      | 217      | 214      | 1.79   | cps   |
| Holmium    | 165-1 | 13207508 | 13207674 | 13082393 | 13165858 | 0.55   | cps   |
| Holmium    | 165-2 | 8271891  | 8365902  | 8251319  | 8296370  | 0.74   | cps   |
| Indium     | 115-1 | 10688776 | 10670140 | 10706106 | 10688341 | 0.17   | cps   |
| Indium     | 115-2 | 2524076  | 2536625  | 2564991  | 2541897  | 0.82   | cps   |
| Iron       | 56-2  | 1306267  | 1312626  | 1314652  | 1311182  | 0.33   | cps   |
| Iron       | 57-2  | 32659    | 32860    | 33322    | 32947    | 1.03   | cps   |
| Lead       | 206-1 | 10182    | 10082    | 9721     | 9995     | 2.43   | cps   |
| Lead       | 207-1 | 9020     | 9176     | 9142     | 9113     | 0.90   | cps   |
| Lead       | 208-1 | 40648    | 40887    | 40497    | 40677    | 0.48   | cps   |
| Lithium    | 6-1   | 3096136  | 3082959  | 3086485  | 3088527  | 0.22   | cps   |
| Magnesium  | 24-2  | 171151   | 172574   | 172372   | 172032   | 0.45   | cps   |
| Manganese  | 55-2  | 2897     | 2780     | 2787     | 2821     | 2.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:16:57 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 26901    | 26208    | 27302    | 26804    | 2.06   | cps   |
| Molybdenum | 95-1  | 31795    | 30625    | 30776    | 31065    | 2.05   | cps   |
| Molybdenum | 96-1  | 35228    | 36055    | 35311    | 35531    | 1.28   | cps   |
| Molybdenum | 97-1  | 19581    | 20165    | 19497    | 19748    | 1.84   | cps   |
| Molybdenum | 98-1  | 50072    | 50707    | 50122    | 50301    | 0.70   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 2300     | 2267     | 2230     | 2266     | 1.55   | cps   |
| Phosphorus | 31-2  | 750      | 808      | 833      | 797      | 5.36   | cps   |
| Potassium  | 39-2  | 219003   | 221371   | 221361   | 220578   | 0.62   | cps   |
| Rhodium    | 103-1 | 10052716 | 10002705 | 10014965 | 10023462 | 0.26   | cps   |
| Rhodium    | 103-2 | 5330599  | 5354798  | 5345126  | 5343508  | 0.23   | cps   |
| Scandium   | 45-1  | 6985445  | 6969505  | 6978761  | 6977904  | 0.11   | cps   |
| Scandium   | 45-2  | 354271   | 356459   | 357589   | 356107   | 0.47   | cps   |
| Selenium   | 77-2  | 53       | 73       | 47       | 58       | 24.02  | cps   |
| Selenium   | 78-2  | 265      | 278      | 311      | 285      | 8.39   | cps   |
| Selenium   | 82-1  | 1140     | 1091     | 982      | 1071     | 7.54   | cps   |
| Silicon    | 28-1  | 504933   | 505734   | 512333   | 507667   | 0.80   | cps   |
| Silver     | 109-1 | 15968    | 15376    | 15568    | 15637    | 1.93   | cps   |
| Silver     | 107-1 | 16310    | 16127    | 16569    | 16335    | 1.36   | cps   |
| Sodium     | 23-2  | 339719   | 339990   | 342658   | 340789   | 0.48   | cps   |
| Strontium  | 86-1  | 4909     | 5218     | 5260     | 5129     | 3.73   | cps   |
| Strontium  | 88-1  | 39180    | 38336    | 37942    | 38486    | 1.64   | cps   |
| Sulfur     | 34-1  | 444434   | 446756   | 447785   | 446325   | 0.38   | cps   |
| Terbium    | 159-1 | 13649684 | 13774792 | 13656525 | 13693667 | 0.51   | cps   |
| Terbium    | 159-2 | 8161388  | 8215496  | 8182369  | 8186417  | 0.33   | cps   |
| Thallium   | 203-1 | 12523    | 12640    | 12156    | 12440    | 2.03   | cps   |
| Thallium   | 205-1 | 28749    | 28698    | 28999    | 28815    | 0.56   | cps   |
| Tin        | 118-1 | 51211    | 51520    | 52056    | 51596    | 0.83   | cps   |
| Titanium   | 47-1  | 9704     | 9370     | 9553     | 9542     | 1.75   | cps   |
| Uranium    | 238-1 | 39285    | 40096    | 39829    | 39737    | 1.04   | cps   |
| Vanadium   | 51-2  | 19246    | 19026    | 19677    | 19316    | 1.71   | cps   |
| Yttrium    | 89-1  | 11450025 | 11433698 | 11532797 | 11472173 | 0.46   | cps   |
| Yttrium    | 89-2  | 1933467  | 1954827  | 1927195  | 1938496  | 0.75   | cps   |
| Zinc       | 66-2  | 1760     | 1703     | 1673     | 1712     | 2.57   | cps   |
| Zirconium  | 90-1  | 22844    | 23261    | 23796    | 23300    | 2.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109305BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:16:57 | DataFile Name :   | 022LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5009 | 5326 | 4884 | 5073    | 4.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:20:30 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 125      | 92       | 97       | 26.19  | cps   |
| Antimony   | 121-1 | 175      | 167      | 250      | 197      | 23.27  | cps   |
| Arsenic    | 75-2  | 6        | 0        | 7        | 4        | 89.21  | cps   |
| Barium     | 135-1 | 50       | 8        | 33       | 31       | 68.64  | cps   |
| Barium     | 137-1 | 50       | 92       | 58       | 67       | 33.07  | cps   |
| Beryllium  | 9-1   | 144      | 117      | 150      | 137      | 13.03  | cps   |
| Bismuth    | 209-1 | 7933810  | 7915758  | 7954850  | 7934806  | 0.25   | cps   |
| Bismuth    | 209-2 | 6114319  | 6158252  | 6270285  | 6180952  | 1.30   | cps   |
| Boron      | 10-1  | 525      | 467      | 417      | 469      | 11.55  | cps   |
| Boron      | 11-1  | 2159     | 2000     | 1967     | 2042     | 5.02   | cps   |
| Cadmium    | 111-1 | 1339     | 1474     | 1400     | 1404     | 4.84   | cps   |
| Cadmium    | 106-1 | 3317     | 3684     | 3476     | 3492     | 5.27   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 17       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 133      | 125      | 108      | 122      | 10.41  | cps   |
| Calcium    | 44-1  | 8711     | 8711     | 8745     | 8722     | 0.22   | cps   |
| Chromium   | 52-2  | 290      | 300      | 247      | 279      | 10.17  | cps   |
| Cobalt     | 59-2  | 97       | 63       | 60       | 73       | 27.65  | cps   |
| Copper     | 63-2  | 990      | 883      | 980      | 951      | 6.19   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 8        | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Erbium     | 164-2 | 23       | 13       | 7        | 14       | 58.06  | cps   |
| Gadolinium | 160-1 | 83       | 83       | 108      | 92       | 15.74  | cps   |
| Gadolinium | 160-2 | 180      | 140      | 177      | 166      | 13.41  | cps   |
| Holmium    | 165-1 | 12578334 | 12616119 | 12650879 | 12615111 | 0.29   | cps   |
| Holmium    | 165-2 | 8001852  | 7933639  | 8144112  | 8026534  | 1.34   | cps   |
| Indium     | 115-1 | 10341518 | 10363036 | 10462172 | 10388908 | 0.62   | cps   |
| Indium     | 115-2 | 2447669  | 2474579  | 2523271  | 2481840  | 1.54   | cps   |
| Iron       | 56-2  | 5062     | 5095     | 5112     | 5090     | 0.50   | cps   |
| Iron       | 57-2  | 411      | 433      | 428      | 424      | 2.73   | cps   |
| Lead       | 206-1 | 272      | 267      | 267      | 269      | 1.19   | cps   |
| Lead       | 207-1 | 367      | 267      | 272      | 302      | 18.62  | cps   |
| Lead       | 208-1 | 1478     | 1222     | 1228     | 1309     | 11.15  | cps   |
| Lithium    | 6-1   | 2959866  | 2943025  | 2931761  | 2944884  | 0.48   | cps   |
| Magnesium  | 24-2  | 825      | 733      | 783      | 781      | 5.88   | cps   |
| Manganese  | 55-2  | 50       | 30       | 67       | 49       | 37.55  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:20:30 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 217      | 242      | 258      | 239      | 8.78   | cps   |
| Molybdenum | 95-1  | 58       | 75       | 58       | 64       | 15.05  | cps   |
| Molybdenum | 96-1  | 92       | 183      | 158      | 144      | 32.81  | cps   |
| Molybdenum | 97-1  | 142      | 67       | 42       | 83       | 62.45  | cps   |
| Molybdenum | 98-1  | 183      | 75       | 158      | 139      | 40.84  | cps   |
| Neodymium  | 150-1 | 20       | 7        | 0        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 180      | 237      | 197      | 204      | 14.25  | cps   |
| Phosphorus | 31-2  | 267      | 283      | 367      | 306      | 17.53  | cps   |
| Potassium  | 39-2  | 42161    | 43381    | 44025    | 43189    | 2.19   | cps   |
| Rhodium    | 103-1 | 9697251  | 9751649  | 9770867  | 9739922  | 0.39   | cps   |
| Rhodium    | 103-2 | 5135617  | 5199764  | 5280797  | 5205393  | 1.40   | cps   |
| Scandium   | 45-1  | 6762061  | 6730183  | 6724885  | 6739043  | 0.30   | cps   |
| Scandium   | 45-2  | 344830   | 348960   | 353688   | 349159   | 1.27   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 85       | 83       | 83       | 84       | 1.28   | cps   |
| Selenium   | 82-1  | 3        | 33       | -3       | 11       | 171.75 | cps   |
| Silicon    | 28-1  | 414828   | 411623   | 412134   | 412862   | 0.42   | cps   |
| Silver     | 109-1 | 133      | 67       | 92       | 97       | 34.64  | cps   |
| Silver     | 107-1 | 133      | 192      | 150      | 158      | 18.98  | cps   |
| Sodium     | 23-2  | 21950    | 22484    | 22876    | 22437    | 2.07   | cps   |
| Strontium  | 86-1  | 567      | 692      | 700      | 653      | 11.44  | cps   |
| Strontium  | 88-1  | 167      | 208      | 117      | 164      | 28.00  | cps   |
| Sulfur     | 34-1  | 435808   | 436848   | 436308   | 436321   | 0.12   | cps   |
| Terbium    | 159-1 | 13119112 | 13135600 | 13182333 | 13145682 | 0.25   | cps   |
| Terbium    | 159-2 | 7853650  | 7880874  | 7978513  | 7904346  | 0.83   | cps   |
| Thallium   | 203-1 | 208      | 142      | 133      | 161      | 25.52  | cps   |
| Thallium   | 205-1 | 267      | 383      | 350      | 333      | 18.03  | cps   |
| Tin        | 118-1 | 583      | 1286     | 592      | 820      | 49.15  | cps   |
| Titanium   | 47-1  | 150      | 175      | 142      | 156      | 11.15  | cps   |
| Uranium    | 238-1 | 33       | 25       | 50       | 36       | 35.25  | cps   |
| Vanadium   | 51-2  | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Yttrium    | 89-1  | 11119386 | 11106385 | 11173513 | 11133095 | 0.32   | cps   |
| Yttrium    | 89-2  | 1877326  | 1888508  | 1927448  | 1897761  | 1.39   | cps   |
| Zinc       | 66-2  | 133      | 123      | 133      | 130      | 4.44   | cps   |
| Zirconium  | 90-1  | 758      | 675      | 792      | 742      | 8.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:20:30 | DataFile Name :   | 023CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 100  | 108  | 97      | 13.09  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:24:04 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3217     | 3409     | 3159     | 3262     | 4.01   | cps   |
| Antimony   | 121-1 | 29841    | 28346    | 28755    | 28981    | 2.67   | cps   |
| Arsenic    | 75-2  | 626      | 632      | 654      | 637      | 2.31   | cps   |
| Barium     | 135-1 | 34252    | 34594    | 33425    | 34090    | 1.76   | cps   |
| Barium     | 137-1 | 59394    | 59863    | 59436    | 59565    | 0.44   | cps   |
| Beryllium  | 9-1   | 3556     | 3562     | 3545     | 3554     | 0.24   | cps   |
| Bismuth    | 209-1 | 8075141  | 8024133  | 7985355  | 8028210  | 0.56   | cps   |
| Bismuth    | 209-2 | 6227923  | 6173926  | 6302629  | 6234826  | 1.04   | cps   |
| Boron      | 10-1  | 9637     | 9979     | 10229    | 9948     | 2.99   | cps   |
| Boron      | 11-1  | 45887    | 45143    | 46958    | 45996    | 1.98   | cps   |
| Cadmium    | 111-1 | 5060     | 5142     | 4710     | 4971     | 4.61   | cps   |
| Cadmium    | 106-1 | 4201     | 4359     | 4101     | 4220     | 3.09   | cps   |
| Cadmium    | 108-1 | 208      | 288      | 317      | 271      | 20.70  | cps   |
| Calcium    | 43-1  | 20882    | 21675    | 21617    | 21391    | 2.07   | cps   |
| Calcium    | 44-1  | 352567   | 349035   | 345485   | 349029   | 1.01   | cps   |
| Chromium   | 52-2  | 10931    | 10841    | 10721    | 10831    | 0.97   | cps   |
| Cobalt     | 59-2  | 8026     | 8152     | 8242     | 8140     | 1.34   | cps   |
| Copper     | 63-2  | 12259    | 12405    | 13053    | 12572    | 3.36   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 13       | 3        | 10       | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 92       | 67       | 25       | 61       | 55.11  | cps   |
| Erbium     | 164-2 | 30       | 30       | 40       | 33       | 17.32  | cps   |
| Gadolinium | 160-1 | 117      | 108      | 125      | 117      | 7.14   | cps   |
| Gadolinium | 160-2 | 170      | 197      | 153      | 173      | 12.61  | cps   |
| Holmium    | 165-1 | 12796998 | 12732224 | 12840218 | 12789813 | 0.42   | cps   |
| Holmium    | 165-2 | 8231044  | 8107124  | 8216985  | 8185051  | 0.83   | cps   |
| Indium     | 115-1 | 10626107 | 10582578 | 10583348 | 10597344 | 0.24   | cps   |
| Indium     | 115-2 | 2507573  | 2488407  | 2531148  | 2509043  | 0.85   | cps   |
| Iron       | 56-2  | 790175   | 783751   | 793432   | 789119   | 0.62   | cps   |
| Iron       | 57-2  | 20114    | 19302    | 19836    | 19751    | 2.09   | cps   |
| Lead       | 206-1 | 10888    | 10371    | 10365    | 10541    | 2.85   | cps   |
| Lead       | 207-1 | 9442     | 9576     | 9359     | 9459     | 1.16   | cps   |
| Lead       | 208-1 | 43190    | 42706    | 42383    | 42760    | 0.95   | cps   |
| Lithium    | 6-1   | 2993386  | 2977687  | 2963922  | 2978332  | 0.50   | cps   |
| Magnesium  | 24-2  | 180862   | 178475   | 180255   | 179864   | 0.69   | cps   |
| Manganese  | 55-2  | 3230     | 3090     | 3134     | 3152     | 2.27   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:24:04 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 28914    | 28997    | 30108    | 29339    | 2.27   | cps   |
| Molybdenum | 95-1  | 35178    | 34443    | 35955    | 35192    | 2.15   | cps   |
| Molybdenum | 96-1  | 38319    | 38210    | 39472    | 38667    | 1.81   | cps   |
| Molybdenum | 97-1  | 21200    | 21926    | 21083    | 21403    | 2.13   | cps   |
| Molybdenum | 98-1  | 55107    | 55350    | 55651    | 55369    | 0.49   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 13       | 11       | 91.66  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 2557     | 2377     | 2454     | 2462     | 3.67   | cps   |
| Phosphorus | 31-2  | 183      | 325      | 250      | 253      | 28.04  | cps   |
| Potassium  | 39-2  | 232248   | 229693   | 232643   | 231528   | 0.69   | cps   |
| Rhodium    | 103-1 | 9967789  | 9973867  | 9906476  | 9949377  | 0.37   | cps   |
| Rhodium    | 103-2 | 5266141  | 5247017  | 5283075  | 5265411  | 0.34   | cps   |
| Scandium   | 45-1  | 6969286  | 6961153  | 6890501  | 6940313  | 0.62   | cps   |
| Scandium   | 45-2  | 354100   | 348584   | 354770   | 352485   | 0.96   | cps   |
| Selenium   | 77-2  | 67       | 80       | 53       | 67       | 20.00  | cps   |
| Selenium   | 78-2  | 311      | 267      | 287      | 288      | 7.72   | cps   |
| Selenium   | 82-1  | 1077     | 1086     | 1030     | 1064     | 2.83   | cps   |
| Silicon    | 28-1  | 569585   | 575893   | 567085   | 570854   | 0.80   | cps   |
| Silver     | 109-1 | 16894    | 17195    | 17028    | 17039    | 0.88   | cps   |
| Silver     | 107-1 | 17186    | 17803    | 17028    | 17339    | 2.36   | cps   |
| Sodium     | 23-2  | 359775   | 355261   | 359600   | 358212   | 0.71   | cps   |
| Strontium  | 86-1  | 5159     | 4984     | 5176     | 5107     | 2.08   | cps   |
| Strontium  | 88-1  | 40308    | 40901    | 40634    | 40614    | 0.73   | cps   |
| Sulfur     | 34-1  | 442354   | 447083   | 445707   | 445048   | 0.55   | cps   |
| Terbium    | 159-1 | 13329652 | 13343665 | 13384711 | 13352676 | 0.21   | cps   |
| Terbium    | 159-2 | 8086807  | 7996616  | 8037259  | 8040227  | 0.56   | cps   |
| Thallium   | 203-1 | 12857    | 12331    | 12481    | 12556    | 2.16   | cps   |
| Thallium   | 205-1 | 30185    | 28924    | 29943    | 29684    | 2.25   | cps   |
| Tin        | 118-1 | 56815    | 55703    | 54490    | 55669    | 2.09   | cps   |
| Titanium   | 47-1  | 10421    | 10462    | 9904     | 10262    | 3.03   | cps   |
| Uranium    | 238-1 | 40221    | 39804    | 41166    | 40397    | 1.73   | cps   |
| Vanadium   | 51-2  | 20197    | 19823    | 20788    | 20270    | 2.40   | cps   |
| Yttrium    | 89-1  | 11475627 | 11337142 | 11352109 | 11388292 | 0.67   | cps   |
| Yttrium    | 89-2  | 1915638  | 1911169  | 1928083  | 1918296  | 0.46   | cps   |
| Zinc       | 66-2  | 1833     | 1967     | 1770     | 1857     | 5.41   | cps   |
| Zirconium  | 90-1  | 25691    | 25089    | 25081    | 25287    | 1.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB109306BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:24:04 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5318 | 5693 | 5743 | 5585    | 4.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:29:09 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2009     | 2692     | 2200     | 2300     | 15.33  | cps   |
| Antimony   | 121-1 | 11405    | 10755    | 10830    | 10996    | 3.24   | cps   |
| Arsenic    | 75-2  | 176      | 176      | 156      | 169      | 6.95   | cps   |
| Barium     | 135-1 | 73763    | 74676    | 72624    | 73688    | 1.40   | cps   |
| Barium     | 137-1 | 127993   | 128556   | 128415   | 128321   | 0.23   | cps   |
| Beryllium  | 9-1   | 139      | 156      | 150      | 148      | 5.73   | cps   |
| Bismuth    | 209-1 | 9011657  | 9075936  | 9033870  | 9040488  | 0.36   | cps   |
| Bismuth    | 209-2 | 6638680  | 6675251  | 6644536  | 6652822  | 0.30   | cps   |
| Boron      | 10-1  | 3342     | 3909     | 3934     | 3728     | 8.98   | cps   |
| Boron      | 11-1  | 17002    | 17044    | 17210    | 17085    | 0.65   | cps   |
| Cadmium    | 111-1 | 6692     | 6742     | 6625     | 6686     | 0.88   | cps   |
| Cadmium    | 106-1 | 4401     | 4476     | 4593     | 4490     | 2.15   | cps   |
| Cadmium    | 108-1 | 433      | 342      | 388      | 388      | 11.83  | cps   |
| Calcium    | 43-1  | 266612   | 261679   | 253857   | 260716   | 2.47   | cps   |
| Calcium    | 44-1  | 4395080  | 4335296  | 4237018  | 4322465  | 1.85   | cps   |
| Chromium   | 52-2  | 693      | 847      | 797      | 779      | 10.04  | cps   |
| Cobalt     | 59-2  | 1847     | 1910     | 1820     | 1859     | 2.49   | cps   |
| Copper     | 63-2  | 8596     | 8262     | 8643     | 8500     | 2.44   | cps   |
| Dysprosium | 156-1 | 142      | 150      | 133      | 142      | 5.88   | cps   |
| Dysprosium | 156-2 | 80       | 90       | 83       | 84       | 6.03   | cps   |
| Erbium     | 164-1 | 250      | 250      | 250      | 250      | 0.00   | cps   |
| Erbium     | 164-2 | 127      | 130      | 107      | 121      | 10.42  | cps   |
| Gadolinium | 160-1 | 225      | 308      | 292      | 275      | 16.03  | cps   |
| Gadolinium | 160-2 | 260      | 300      | 260      | 273      | 8.45   | cps   |
| Holmium    | 165-1 | 14239009 | 14431640 | 14418966 | 14363205 | 0.75   | cps   |
| Holmium    | 165-2 | 8675369  | 8676885  | 8668351  | 8673535  | 0.05   | cps   |
| Indium     | 115-1 | 12121810 | 12063804 | 11843060 | 12009558 | 1.22   | cps   |
| Indium     | 115-2 | 2702693  | 2709488  | 2710749  | 2707643  | 0.16   | cps   |
| Iron       | 56-2  | 193155   | 192250   | 190821   | 192075   | 0.61   | cps   |
| Iron       | 57-2  | 6140     | 5901     | 5868     | 5970     | 2.49   | cps   |
| Lead       | 206-1 | 50279    | 50396    | 50875    | 50516    | 0.63   | cps   |
| Lead       | 207-1 | 47145    | 46956    | 46426    | 46842    | 0.80   | cps   |
| Lead       | 208-1 | 208635   | 208574   | 208725   | 208645   | 0.04   | cps   |
| Lithium    | 6-1   | 3434879  | 3433869  | 3392460  | 3420402  | 0.71   | cps   |
| Magnesium  | 24-2  | 594457   | 588813   | 590973   | 591414   | 0.48   | cps   |
| Manganese  | 55-2  | 127060   | 126854   | 127487   | 127134   | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:29:09 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1300     | 1375     | 1158     | 1278     | 8.61   | cps   |
| Molybdenum | 95-1  | 508      | 508      | 367      | 461      | 17.74  | cps   |
| Molybdenum | 96-1  | 758      | 492      | 683      | 644      | 21.34  | cps   |
| Molybdenum | 97-1  | 325      | 250      | 258      | 278      | 14.80  | cps   |
| Molybdenum | 98-1  | 717      | 767      | 800      | 761      | 5.51   | cps   |
| Neodymium  | 150-1 | 247      | 287      | 213      | 249      | 14.75  | cps   |
| Neodymium  | 150-2 | 137      | 103      | 103      | 114      | 16.81  | cps   |
| Nickel     | 60-2  | 2280     | 2167     | 2347     | 2265     | 4.02   | cps   |
| Phosphorus | 31-2  | 242      | 308      | 175      | 242      | 27.59  | cps   |
| Potassium  | 39-2  | 381489   | 379308   | 381548   | 380782   | 0.34   | cps   |
| Rhodium    | 103-1 | 10901068 | 10816404 | 10604783 | 10774085 | 1.42   | cps   |
| Rhodium    | 103-2 | 5541602  | 5529769  | 5560990  | 5544120  | 0.28   | cps   |
| Scandium   | 45-1  | 7634697  | 7495022  | 7341653  | 7490457  | 1.96   | cps   |
| Scandium   | 45-2  | 356440   | 354005   | 358906   | 356451   | 0.69   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 81       | 57       | 65       | 68       | 18.15  | cps   |
| Selenium   | 82-1  | 164      | 97       | -16      | 82       | 111.50 | cps   |
| Silicon    | 28-1  | 47296452 | 46736000 | 45659569 | 46564007 | 1.79   | cps   |
| Silver     | 109-1 | 3484     | 4076     | 4434     | 3998     | 12.00  | cps   |
| Silver     | 107-1 | 4109     | 4259     | 4134     | 4167     | 1.93   | cps   |
| Sodium     | 23-2  | 953235   | 953137   | 947956   | 951443   | 0.32   | cps   |
| Strontium  | 86-1  | 147558   | 143686   | 139574   | 143606   | 2.78   | cps   |
| Strontium  | 88-1  | 1271760  | 1250881  | 1230965  | 1251202  | 1.63   | cps   |
| Sulfur     | 34-1  | 694987   | 667155   | 636421   | 666188   | 4.40   | cps   |
| Terbium    | 159-1 | 14868260 | 14890279 | 14758317 | 14838952 | 0.48   | cps   |
| Terbium    | 159-2 | 8585988  | 8550547  | 8595200  | 8577245  | 0.27   | cps   |
| Thallium   | 203-1 | 1617     | 1592     | 1709     | 1639     | 3.75   | cps   |
| Thallium   | 205-1 | 3551     | 3492     | 3484     | 3509     | 1.04   | cps   |
| Tin        | 118-1 | 1642     | 1458     | 1333     | 1478     | 10.49  | cps   |
| Titanium   | 47-1  | 1684     | 1617     | 2042     | 1781     | 12.85  | cps   |
| Uranium    | 238-1 | 475      | 608      | 542      | 542      | 12.31  | cps   |
| Vanadium   | 51-2  | 850      | 950      | 883      | 894      | 5.69   | cps   |
| Yttrium    | 89-1  | 12589991 | 12438098 | 12216812 | 12414967 | 1.51   | cps   |
| Yttrium    | 89-2  | 1982499  | 1981352  | 1990580  | 1984810  | 0.25   | cps   |
| Zinc       | 66-2  | 266946   | 268474   | 265954   | 267125   | 0.48   | cps   |
| Zirconium  | 90-1  | 3342     | 2992     | 3251     | 3195     | 5.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:29:09 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 525  | 642  | 834  | 667     | 23.36  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:32:43 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2759     | 2467     | 2759     | 2661     | 6.33   | cps   |
| Antimony   | 121-1 | 3934     | 3459     | 3942     | 3778     | 7.33   | cps   |
| Arsenic    | 75-2  | 193      | 198      | 172      | 188      | 7.28   | cps   |
| Barium     | 135-1 | 57780    | 58901    | 57336    | 58006    | 1.39   | cps   |
| Barium     | 137-1 | 102821   | 100235   | 101285   | 101447   | 1.28   | cps   |
| Beryllium  | 9-1   | 189      | 83       | 128      | 133      | 39.75  | cps   |
| Bismuth    | 209-1 | 8791246  | 8736599  | 8610558  | 8712801  | 1.06   | cps   |
| Bismuth    | 209-2 | 6434834  | 6472386  | 6468353  | 6458524  | 0.32   | cps   |
| Boron      | 10-1  | 1508     | 1342     | 1717     | 1522     | 12.34  | cps   |
| Boron      | 11-1  | 7085     | 7544     | 7369     | 7333     | 3.16   | cps   |
| Cadmium    | 111-1 | 2280     | 2104     | 2164     | 2183     | 4.10   | cps   |
| Cadmium    | 106-1 | 4101     | 3959     | 4026     | 4029     | 1.76   | cps   |
| Cadmium    | 108-1 | 46       | 42       | 54       | 47       | 13.48  | cps   |
| Calcium    | 43-1  | 1893567  | 1852681  | 1849661  | 1865303  | 1.31   | cps   |
| Calcium    | 44-1  | 30942656 | 30400200 | 30194712 | 30512523 | 1.27   | cps   |
| Chromium   | 52-2  | 367      | 470      | 457      | 431      | 13.04  | cps   |
| Cobalt     | 59-2  | 2394     | 2474     | 2424     | 2430     | 1.66   | cps   |
| Copper     | 63-2  | 5898     | 6171     | 5968     | 6012     | 2.36   | cps   |
| Dysprosium | 156-1 | 75       | 8        | 25       | 36       | 96.08  | cps   |
| Dysprosium | 156-2 | 27       | 17       | 23       | 22       | 22.91  | cps   |
| Erbium     | 164-1 | 108      | 100      | 108      | 106      | 4.56   | cps   |
| Erbium     | 164-2 | 53       | 40       | 30       | 41       | 28.47  | cps   |
| Gadolinium | 160-1 | 117      | 75       | 125      | 106      | 25.38  | cps   |
| Gadolinium | 160-2 | 187      | 243      | 247      | 226      | 14.95  | cps   |
| Holmium    | 165-1 | 14049558 | 14055447 | 13795014 | 13966673 | 1.06   | cps   |
| Holmium    | 165-2 | 8552994  | 8556109  | 8557267  | 8555457  | 0.03   | cps   |
| Indium     | 115-1 | 11642613 | 11534002 | 11462665 | 11546427 | 0.78   | cps   |
| Indium     | 115-2 | 2655082  | 2644490  | 2646850  | 2648807  | 0.21   | cps   |
| Iron       | 56-2  | 55561    | 55087    | 55198    | 55282    | 0.45   | cps   |
| Iron       | 57-2  | 7925     | 8069     | 8025     | 8006     | 0.92   | cps   |
| Lead       | 206-1 | 3940     | 3773     | 3651     | 3788     | 3.83   | cps   |
| Lead       | 207-1 | 3706     | 3528     | 3445     | 3560     | 3.75   | cps   |
| Lead       | 208-1 | 16405    | 15504    | 15927    | 15945    | 2.83   | cps   |
| Lithium    | 6-1   | 3267762  | 3226736  | 3187959  | 3227485  | 1.24   | cps   |
| Magnesium  | 24-2  | 2556906  | 2538438  | 2516313  | 2537219  | 0.80   | cps   |
| Manganese  | 55-2  | 352141   | 348635   | 349924   | 350233   | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:32:43 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 675      | 533      | 542      | 583      | 13.63   | cps   |
| Molybdenum | 95-1  | 333      | 533      | 367      | 411      | 26.06   | cps   |
| Molybdenum | 96-1  | 508      | 492      | 458      | 486      | 5.24    | cps   |
| Molybdenum | 97-1  | 308      | 233      | 350      | 297      | 19.89   | cps   |
| Molybdenum | 98-1  | 725      | 717      | 692      | 711      | 2.44    | cps   |
| Neodymium  | 150-1 | 40       | 47       | 80       | 56       | 38.57   | cps   |
| Neodymium  | 150-2 | 27       | 27       | 20       | 24       | 15.75   | cps   |
| Nickel     | 60-2  | 1163     | 1097     | 1140     | 1133     | 2.99    | cps   |
| Phosphorus | 31-2  | 142      | 200      | 217      | 186      | 21.16   | cps   |
| Potassium  | 39-2  | 677295   | 674533   | 669700   | 673843   | 0.57    | cps   |
| Rhodium    | 103-1 | 10356451 | 10272548 | 10147234 | 10258744 | 1.03    | cps   |
| Rhodium    | 103-2 | 5405217  | 5366964  | 5360439  | 5377540  | 0.45    | cps   |
| Scandium   | 45-1  | 7323290  | 7162597  | 7110524  | 7198804  | 1.54    | cps   |
| Scandium   | 45-2  | 353422   | 352127   | 351178   | 352242   | 0.32    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 96       | 72       | 57       | 75       | 26.06   | cps   |
| Selenium   | 82-1  | -8       | 5        | -23      | -9       | -162.19 | cps   |
| Silicon    | 28-1  | 35446769 | 34712345 | 34565148 | 34908087 | 1.35    | cps   |
| Silver     | 109-1 | 2684     | 2992     | 2767     | 2814     | 5.67    | cps   |
| Silver     | 107-1 | 3434     | 3276     | 3459     | 3389     | 2.93    | cps   |
| Sodium     | 23-2  | 805728   | 799375   | 795227   | 800110   | 0.66    | cps   |
| Strontium  | 86-1  | 426062   | 421865   | 413647   | 420525   | 1.50    | cps   |
| Strontium  | 88-1  | 3732040  | 3694755  | 3658846  | 3695214  | 0.99    | cps   |
| Sulfur     | 34-1  | 2613093  | 2572682  | 2551779  | 2579185  | 1.21    | cps   |
| Terbium    | 159-1 | 14703726 | 14527315 | 14409593 | 14546878 | 1.02    | cps   |
| Terbium    | 159-2 | 8414978  | 8436863  | 8437346  | 8429729  | 0.15    | cps   |
| Thallium   | 203-1 | 942      | 983      | 908      | 945      | 3.98    | cps   |
| Thallium   | 205-1 | 2234     | 2759     | 2292     | 2428     | 11.85   | cps   |
| Tin        | 118-1 | 1458     | 1425     | 1442     | 1442     | 1.16    | cps   |
| Titanium   | 47-1  | 700      | 650      | 658      | 669      | 4.00    | cps   |
| Uranium    | 238-1 | 3992     | 3826     | 4009     | 3942     | 2.57    | cps   |
| Vanadium   | 51-2  | 313      | 243      | 280      | 279      | 12.55   | cps   |
| Yttrium    | 89-1  | 12079331 | 11950595 | 11768254 | 11932727 | 1.31    | cps   |
| Yttrium    | 89-2  | 1976600  | 1955832  | 1974956  | 1969129  | 0.59    | cps   |
| Zinc       | 66-2  | 25806    | 25930    | 25836    | 25858    | 0.25    | cps   |
| Zirconium  | 90-1  | 1067     | 933      | 1017     | 1006     | 6.70    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:32:43 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 158  | 142  | 181     | 29.67  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:38:39 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2475     | 2409     | 2375     | 2420     | 2.10   | cps   |
| Antimony   | 121-1 | 3942     | 3959     | 3801     | 3901     | 2.23   | cps   |
| Arsenic    | 75-2  | 196      | 213      | 211      | 207      | 4.42   | cps   |
| Barium     | 135-1 | 58541    | 57478    | 57578    | 57866    | 1.01   | cps   |
| Barium     | 137-1 | 100899   | 101519   | 99261    | 100560   | 1.16   | cps   |
| Beryllium  | 9-1   | 78       | 178      | 156      | 137      | 38.32  | cps   |
| Bismuth    | 209-1 | 8770340  | 8727840  | 8680444  | 8726208  | 0.52   | cps   |
| Bismuth    | 209-2 | 6474968  | 6482506  | 6486300  | 6481258  | 0.09   | cps   |
| Boron      | 10-1  | 1283     | 1709     | 1500     | 1497     | 14.19  | cps   |
| Boron      | 11-1  | 6577     | 6660     | 6777     | 6671     | 1.51   | cps   |
| Cadmium    | 111-1 | 2151     | 2228     | 2178     | 2186     | 1.78   | cps   |
| Cadmium    | 106-1 | 3942     | 4192     | 3959     | 4031     | 3.47   | cps   |
| Cadmium    | 108-1 | 33       | 50       | 67       | 50       | 33.34  | cps   |
| Calcium    | 43-1  | 1853034  | 1826947  | 1838210  | 1839397  | 0.71   | cps   |
| Calcium    | 44-1  | 30452588 | 30112593 | 30307718 | 30290967 | 0.56   | cps   |
| Chromium   | 52-2  | 720      | 730      | 707      | 719      | 1.63   | cps   |
| Cobalt     | 59-2  | 2337     | 2317     | 2454     | 2369     | 3.12   | cps   |
| Copper     | 63-2  | 5865     | 5825     | 6175     | 5955     | 3.22   | cps   |
| Dysprosium | 156-1 | 58       | 100      | 42       | 67       | 45.06  | cps   |
| Dysprosium | 156-2 | 20       | 20       | 10       | 17       | 34.64  | cps   |
| Erbium     | 164-1 | 58       | 25       | 75       | 53       | 48.24  | cps   |
| Erbium     | 164-2 | 60       | 37       | 27       | 41       | 41.60  | cps   |
| Gadolinium | 160-1 | 83       | 108      | 108      | 100      | 14.43  | cps   |
| Gadolinium | 160-2 | 183      | 163      | 143      | 163      | 12.24  | cps   |
| Holmium    | 165-1 | 14122985 | 14081187 | 13963440 | 14055871 | 0.59   | cps   |
| Holmium    | 165-2 | 8538383  | 8595463  | 8561933  | 8565260  | 0.33   | cps   |
| Indium     | 115-1 | 11643957 | 11532502 | 11525023 | 11567161 | 0.58   | cps   |
| Indium     | 115-2 | 2627920  | 2647648  | 2647323  | 2640964  | 0.43   | cps   |
| Iron       | 56-2  | 54312    | 55427    | 54680    | 54806    | 1.04   | cps   |
| Iron       | 57-2  | 8330     | 7919     | 7897     | 8049     | 3.03   | cps   |
| Lead       | 206-1 | 4212     | 4362     | 4162     | 4245     | 2.45   | cps   |
| Lead       | 207-1 | 3601     | 3928     | 3567     | 3699     | 5.40   | cps   |
| Lead       | 208-1 | 17127    | 17455    | 16816    | 17133    | 1.87   | cps   |
| Lithium    | 6-1   | 3247034  | 3239456  | 3222725  | 3236405  | 0.38   | cps   |
| Magnesium  | 24-2  | 2512490  | 2513453  | 2528554  | 2518166  | 0.36   | cps   |
| Manganese  | 55-2  | 346434   | 346972   | 350606   | 348004   | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:38:39 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 592      | 592      | 592      | 592      | 0.00   | cps   |
| Molybdenum | 95-1  | 383      | 492      | 458      | 444      | 12.49  | cps   |
| Molybdenum | 96-1  | 550      | 492      | 575      | 539      | 7.94   | cps   |
| Molybdenum | 97-1  | 342      | 408      | 333      | 361      | 11.38  | cps   |
| Molybdenum | 98-1  | 700      | 650      | 592      | 647      | 8.38   | cps   |
| Neodymium  | 150-1 | 80       | 20       | 53       | 51       | 58.81  | cps   |
| Neodymium  | 150-2 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Nickel     | 60-2  | 1133     | 1313     | 1087     | 1178     | 10.16  | cps   |
| Phosphorus | 31-2  | 200      | 167      | 242      | 203      | 18.53  | cps   |
| Potassium  | 39-2  | 669039   | 667799   | 669082   | 668640   | 0.11   | cps   |
| Rhodium    | 103-1 | 10428103 | 10354736 | 10331384 | 10371408 | 0.49   | cps   |
| Rhodium    | 103-2 | 5395243  | 5444653  | 5419083  | 5419660  | 0.46   | cps   |
| Scandium   | 45-1  | 7295622  | 7227842  | 7218600  | 7247355  | 0.58   | cps   |
| Scandium   | 45-2  | 352284   | 353101   | 352212   | 352532   | 0.14   | cps   |
| Selenium   | 77-2  | 7        | 0        | 10       | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 78       | 63       | 89       | 77       | 17.00  | cps   |
| Selenium   | 82-1  | 159      | -62      | 23       | 40       | 279.19 | cps   |
| Silicon    | 28-1  | 34952400 | 34559064 | 34641320 | 34717595 | 0.60   | cps   |
| Silver     | 109-1 | 2875     | 2767     | 2750     | 2798     | 2.43   | cps   |
| Silver     | 107-1 | 2484     | 2825     | 2875     | 2728     | 7.82   | cps   |
| Sodium     | 23-2  | 796641   | 797390   | 798406   | 797479   | 0.11   | cps   |
| Strontium  | 86-1  | 416198   | 413020   | 412669   | 413962   | 0.47   | cps   |
| Strontium  | 88-1  | 3673615  | 3623819  | 3633340  | 3643591  | 0.73   | cps   |
| Sulfur     | 34-1  | 2587344  | 2571167  | 2574017  | 2577509  | 0.34   | cps   |
| Terbium    | 159-1 | 14649410 | 14563854 | 14450241 | 14554502 | 0.69   | cps   |
| Terbium    | 159-2 | 8453036  | 8463459  | 8419964  | 8445487  | 0.27   | cps   |
| Thallium   | 203-1 | 883      | 842      | 808      | 845      | 4.45   | cps   |
| Thallium   | 205-1 | 1892     | 1859     | 2017     | 1922     | 4.34   | cps   |
| Tin        | 118-1 | 1609     | 1467     | 1784     | 1620     | 9.80   | cps   |
| Titanium   | 47-1  | 575      | 625      | 658      | 619      | 6.77   | cps   |
| Uranium    | 238-1 | 4001     | 4017     | 4126     | 4048     | 1.68   | cps   |
| Vanadium   | 51-2  | 343      | 347      | 270      | 320      | 13.54  | cps   |
| Yttrium    | 89-1  | 11980261 | 11961083 | 11884403 | 11941916 | 0.42   | cps   |
| Yttrium    | 89-2  | 1964696  | 1974469  | 1979394  | 1972853  | 0.38   | cps   |
| Zinc       | 66-2  | 26080    | 26010    | 25773    | 25954    | 0.62   | cps   |
| Zirconium  | 90-1  | 942      | 842      | 950      | 911      | 6.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:38:39 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 258  | 242  | 239     | 8.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:42:12 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 525      | 608      | 525      | 553      | 8.70   | cps   |
| Antimony   | 121-1 | 8862     | 9270     | 9153     | 9095     | 2.31   | cps   |
| Arsenic    | 75-2  | 324      | 317      | 335      | 325      | 2.87   | cps   |
| Barium     | 135-1 | 55186    | 52960    | 53872    | 54006    | 2.07   | cps   |
| Barium     | 137-1 | 94043    | 94136    | 94093    | 94090    | 0.05   | cps   |
| Beryllium  | 9-1   | 139      | 117      | 144      | 133      | 11.02  | cps   |
| Bismuth    | 209-1 | 8660863  | 8658545  | 8653407  | 8657605  | 0.04   | cps   |
| Bismuth    | 209-2 | 6348877  | 6384667  | 6366816  | 6366787  | 0.28   | cps   |
| Boron      | 10-1  | 2317     | 2459     | 2200     | 2325     | 5.56   | cps   |
| Boron      | 11-1  | 10070    | 9695     | 10562    | 10109    | 4.30   | cps   |
| Cadmium    | 111-1 | 2770     | 2884     | 2758     | 2804     | 2.48   | cps   |
| Cadmium    | 106-1 | 3684     | 4159     | 3717     | 3853     | 6.88   | cps   |
| Cadmium    | 108-1 | 146      | 117      | 104      | 122      | 17.49  | cps   |
| Calcium    | 43-1  | 1153057  | 1154367  | 1145971  | 1151132  | 0.39   | cps   |
| Calcium    | 44-1  | 18980066 | 18958097 | 18923020 | 18953728 | 0.15   | cps   |
| Chromium   | 52-2  | 687      | 667      | 717      | 690      | 3.65   | cps   |
| Cobalt     | 59-2  | 4037     | 4024     | 4191     | 4084     | 2.27   | cps   |
| Copper     | 63-2  | 7275     | 7736     | 7836     | 7615     | 3.92   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 42       | 44       | 10.82  | cps   |
| Dysprosium | 156-2 | 17       | 37       | 17       | 23       | 49.48  | cps   |
| Erbium     | 164-1 | 58       | 42       | 75       | 58       | 28.57  | cps   |
| Erbium     | 164-2 | 40       | 53       | 40       | 44       | 17.32  | cps   |
| Gadolinium | 160-1 | 133      | 133      | 108      | 125      | 11.55  | cps   |
| Gadolinium | 160-2 | 193      | 203      | 183      | 193      | 5.17   | cps   |
| Holmium    | 165-1 | 13859055 | 13872221 | 13827308 | 13852861 | 0.17   | cps   |
| Holmium    | 165-2 | 8419243  | 8455696  | 8400872  | 8425270  | 0.33   | cps   |
| Indium     | 115-1 | 11414612 | 11374477 | 11261194 | 11350095 | 0.70   | cps   |
| Indium     | 115-2 | 2576393  | 2589546  | 2612994  | 2592978  | 0.72   | cps   |
| Iron       | 56-2  | 427609   | 425079   | 430513   | 427734   | 0.64   | cps   |
| Iron       | 57-2  | 14730    | 14419    | 15164    | 14771    | 2.53   | cps   |
| Lead       | 206-1 | 20388    | 19787    | 20505    | 20227    | 1.90   | cps   |
| Lead       | 207-1 | 18864    | 18146    | 18252    | 18421    | 2.10   | cps   |
| Lead       | 208-1 | 83816    | 81701    | 83756    | 83091    | 1.45   | cps   |
| Lithium    | 6-1   | 3256489  | 3242223  | 3229558  | 3242757  | 0.42   | cps   |
| Magnesium  | 24-2  | 1774485  | 1776340  | 1777008  | 1775944  | 0.07   | cps   |
| Manganese  | 55-2  | 369585   | 369374   | 371340   | 370099   | 0.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:42:12 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1000     | 1058     | 1058     | 1039     | 3.24   | cps   |
| Molybdenum | 95-1  | 458      | 625      | 700      | 594      | 20.81  | cps   |
| Molybdenum | 96-1  | 925      | 817      | 967      | 903      | 8.58   | cps   |
| Molybdenum | 97-1  | 417      | 450      | 383      | 417      | 8.00   | cps   |
| Molybdenum | 98-1  | 1150     | 850      | 1142     | 1047     | 16.32  | cps   |
| Neodymium  | 150-1 | 60       | 33       | 47       | 47       | 28.58  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 37       | 30       | 22.23  | cps   |
| Nickel     | 60-2  | 3177     | 3350     | 3510     | 3346     | 4.98   | cps   |
| Phosphorus | 31-2  | 225      | 292      | 217      | 244      | 16.82  | cps   |
| Potassium  | 39-2  | 574979   | 571750   | 569645   | 572125   | 0.47   | cps   |
| Rhodium    | 103-1 | 10233662 | 10188984 | 10144406 | 10189018 | 0.44   | cps   |
| Rhodium    | 103-2 | 5315007  | 5332023  | 5347553  | 5331528  | 0.31   | cps   |
| Scandium   | 45-1  | 7124588  | 7053512  | 7042481  | 7073527  | 0.63   | cps   |
| Scandium   | 45-2  | 345548   | 346144   | 349152   | 346948   | 0.56   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 70       | 70       | 72       | 71       | 1.50   | cps   |
| Selenium   | 82-1  | 95       | 1        | -11      | 29       | 203.13 | cps   |
| Silicon    | 28-1  | 26766386 | 26589781 | 26455751 | 26603972 | 0.59   | cps   |
| Silver     | 109-1 | 2667     | 2842     | 2600     | 2703     | 4.62   | cps   |
| Silver     | 107-1 | 2767     | 2867     | 2984     | 2873     | 3.78   | cps   |
| Sodium     | 23-2  | 936755   | 937587   | 940378   | 938240   | 0.20   | cps   |
| Strontium  | 86-1  | 291041   | 288765   | 289399   | 289735   | 0.41   | cps   |
| Strontium  | 88-1  | 2532397  | 2512199  | 2527359  | 2523985  | 0.42   | cps   |
| Sulfur     | 34-1  | 1657503  | 1652136  | 1657391  | 1655677  | 0.19   | cps   |
| Terbium    | 159-1 | 14368601 | 14310312 | 14347206 | 14342040 | 0.21   | cps   |
| Terbium    | 159-2 | 8330018  | 8349850  | 8319040  | 8332969  | 0.19   | cps   |
| Thallium   | 203-1 | 508      | 475      | 475      | 486      | 3.96   | cps   |
| Thallium   | 205-1 | 1417     | 1408     | 1192     | 1339     | 9.53   | cps   |
| Tin        | 118-1 | 1325     | 1558     | 1292     | 1392     | 10.44  | cps   |
| Titanium   | 47-1  | 850      | 775      | 617      | 747      | 15.94  | cps   |
| Uranium    | 238-1 | 1859     | 2175     | 2000     | 2011     | 7.89   | cps   |
| Vanadium   | 51-2  | 463      | 477      | 443      | 461      | 3.64   | cps   |
| Yttrium    | 89-1  | 11844414 | 11779441 | 11758007 | 11793954 | 0.38   | cps   |
| Yttrium    | 89-2  | 1915931  | 1930119  | 1939021  | 1928357  | 0.60   | cps   |
| Zinc       | 66-2  | 85968    | 86377    | 87366    | 86570    | 0.83   | cps   |
| Zirconium  | 90-1  | 2234     | 2150     | 1884     | 2089     | 8.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:42:12 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 358  | 492  | 408     | 17.79  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:45:45 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 350      | 392      | 292      | 344      | 14.59  | cps   |
| Antimony   | 121-1 | 9670     | 10646    | 10329    | 10215    | 4.87   | cps   |
| Arsenic    | 75-2  | 178      | 181      | 189      | 183      | 3.10   | cps   |
| Barium     | 135-1 | 69642    | 69097    | 68930    | 69223    | 0.54   | cps   |
| Barium     | 137-1 | 120765   | 121275   | 120486   | 120842   | 0.33   | cps   |
| Beryllium  | 9-1   | 111      | 133      | 94       | 113      | 17.27  | cps   |
| Bismuth    | 209-1 | 8662829  | 8667299  | 8609178  | 8646435  | 0.37   | cps   |
| Bismuth    | 209-2 | 6370802  | 6423273  | 6417792  | 6403956  | 0.45   | cps   |
| Boron      | 10-1  | 3492     | 3784     | 3509     | 3595     | 4.56   | cps   |
| Boron      | 11-1  | 16510    | 16184    | 16827    | 16507    | 1.95   | cps   |
| Cadmium    | 111-1 | 2731     | 2552     | 2550     | 2611     | 3.98   | cps   |
| Cadmium    | 106-1 | 3859     | 3342     | 3409     | 3537     | 7.95   | cps   |
| Cadmium    | 108-1 | 146      | 108      | 117      | 124      | 15.93  | cps   |
| Calcium    | 43-1  | 457372   | 450815   | 451423   | 453203   | 0.80   | cps   |
| Calcium    | 44-1  | 7573921  | 7451685  | 7422407  | 7482671  | 1.07   | cps   |
| Chromium   | 52-2  | 493      | 400      | 547      | 480      | 15.47  | cps   |
| Cobalt     | 59-2  | 503      | 413      | 487      | 468      | 10.24  | cps   |
| Copper     | 63-2  | 6321     | 6762     | 6922     | 6668     | 4.66   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 33       | 31       | 15.74  | cps   |
| Dysprosium | 156-2 | 7        | 23       | 7        | 12       | 78.69  | cps   |
| Erbium     | 164-1 | 67       | 33       | 67       | 56       | 34.65  | cps   |
| Erbium     | 164-2 | 47       | 33       | 13       | 31       | 53.94  | cps   |
| Gadolinium | 160-1 | 150      | 100      | 133      | 128      | 19.92  | cps   |
| Gadolinium | 160-2 | 180      | 173      | 157      | 170      | 7.07   | cps   |
| Holmium    | 165-1 | 13814215 | 13705380 | 13658698 | 13726098 | 0.58   | cps   |
| Holmium    | 165-2 | 8377012  | 8439770  | 8306367  | 8374383  | 0.80   | cps   |
| Indium     | 115-1 | 11329040 | 11171368 | 11158817 | 11219742 | 0.85   | cps   |
| Indium     | 115-2 | 2544442  | 2571268  | 2554777  | 2556829  | 0.53   | cps   |
| Iron       | 56-2  | 374799   | 376213   | 378265   | 376426   | 0.46   | cps   |
| Iron       | 57-2  | 11588    | 10943    | 10899    | 11143    | 3.46   | cps   |
| Lead       | 206-1 | 33064    | 33766    | 32735    | 33188    | 1.59   | cps   |
| Lead       | 207-1 | 32212    | 31510    | 30324    | 31349    | 3.04   | cps   |
| Lead       | 208-1 | 138645   | 137968   | 135613   | 137409   | 1.16   | cps   |
| Lithium    | 6-1   | 3237171  | 3218287  | 3215775  | 3223744  | 0.36   | cps   |
| Magnesium  | 24-2  | 949952   | 951485   | 959153   | 953530   | 0.52   | cps   |
| Manganese  | 55-2  | 82825    | 82701    | 82959    | 82828    | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:45:45 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 558      | 542      | 725      | 608      | 16.67  | cps   |
| Molybdenum | 95-1  | 500      | 542      | 575      | 539      | 6.97   | cps   |
| Molybdenum | 96-1  | 733      | 567      | 692      | 664      | 13.07  | cps   |
| Molybdenum | 97-1  | 317      | 300      | 367      | 328      | 10.58  | cps   |
| Molybdenum | 98-1  | 992      | 958      | 775      | 908      | 12.84  | cps   |
| Neodymium  | 150-1 | 53       | 47       | 47       | 49       | 7.88   | cps   |
| Neodymium  | 150-2 | 17       | 17       | 3        | 12       | 63.01  | cps   |
| Nickel     | 60-2  | 3500     | 3667     | 3897     | 3688     | 5.40   | cps   |
| Phosphorus | 31-2  | 250      | 233      | 275      | 253      | 8.29   | cps   |
| Potassium  | 39-2  | 355841   | 357085   | 359957   | 357628   | 0.59   | cps   |
| Rhodium    | 103-1 | 10187671 | 10053768 | 10044993 | 10095478 | 0.79   | cps   |
| Rhodium    | 103-2 | 5249711  | 5325320  | 5308229  | 5294420  | 0.75   | cps   |
| Scandium   | 45-1  | 7028554  | 6911531  | 6913135  | 6951073  | 0.97   | cps   |
| Scandium   | 45-2  | 338022   | 340882   | 338491   | 339132   | 0.45   | cps   |
| Selenium   | 77-2  | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 87       | 78       | 69       | 78       | 11.91  | cps   |
| Selenium   | 82-1  | 19       | 89       | 11       | 40       | 107.39 | cps   |
| Silicon    | 28-1  | 32197086 | 31880529 | 31624351 | 31900655 | 0.90   | cps   |
| Silver     | 109-1 | 2434     | 2175     | 2334     | 2314     | 5.63   | cps   |
| Silver     | 107-1 | 2042     | 2542     | 2575     | 2386     | 12.52  | cps   |
| Sodium     | 23-2  | 1307368  | 1290795  | 1299146  | 1299103  | 0.64   | cps   |
| Strontium  | 86-1  | 182495   | 184141   | 182376   | 183004   | 0.54   | cps   |
| Strontium  | 88-1  | 1608315  | 1601979  | 1593895  | 1601396  | 0.45   | cps   |
| Sulfur     | 34-1  | 904722   | 890780   | 878031   | 891178   | 1.50   | cps   |
| Terbium    | 159-1 | 14283140 | 14178984 | 14169230 | 14210451 | 0.44   | cps   |
| Terbium    | 159-2 | 8300042  | 8329108  | 8277586  | 8302245  | 0.31   | cps   |
| Thallium   | 203-1 | 383      | 392      | 258      | 344      | 21.69  | cps   |
| Thallium   | 205-1 | 725      | 1042     | 775      | 847      | 20.09  | cps   |
| Tin        | 118-1 | 1333     | 1275     | 1275     | 1295     | 2.60   | cps   |
| Titanium   | 47-1  | 633      | 783      | 683      | 700      | 10.91  | cps   |
| Uranium    | 238-1 | 150      | 258      | 167      | 192      | 30.43  | cps   |
| Vanadium   | 51-2  | 500      | 480      | 487      | 489      | 2.08   | cps   |
| Yttrium    | 89-1  | 11605464 | 11582281 | 11553210 | 11580318 | 0.23   | cps   |
| Yttrium    | 89-2  | 1888165  | 1927795  | 1905927  | 1907296  | 1.04   | cps   |
| Zinc       | 66-2  | 314442   | 314698   | 315490   | 314877   | 0.17   | cps   |
| Zirconium  | 90-1  | 1183     | 1000     | 1075     | 1086     | 8.49   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:45:45 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 142  | 183  | 164     | 12.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:49:24 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 292      | 283      | 325      | 300      | 7.35   | cps   |
| Antimony   | 121-1 | 10246    | 10438    | 9987     | 10224    | 2.21   | cps   |
| Arsenic    | 75-2  | 200      | 206      | 165      | 190      | 11.62  | cps   |
| Barium     | 135-1 | 70295    | 68737    | 68177    | 69069    | 1.59   | cps   |
| Barium     | 137-1 | 122790   | 120285   | 120157   | 121077   | 1.23   | cps   |
| Beryllium  | 9-1   | 122      | 117      | 111      | 117      | 4.76   | cps   |
| Bismuth    | 209-1 | 8849415  | 8708359  | 8689203  | 8748993  | 1.00   | cps   |
| Bismuth    | 209-2 | 6322884  | 6463410  | 6434478  | 6406924  | 1.16   | cps   |
| Boron      | 10-1  | 3434     | 3867     | 3467     | 3589     | 6.72   | cps   |
| Boron      | 11-1  | 16535    | 16585    | 16626    | 16582    | 0.28   | cps   |
| Cadmium    | 111-1 | 2968     | 2838     | 2904     | 2903     | 2.24   | cps   |
| Cadmium    | 106-1 | 3976     | 3776     | 3901     | 3884     | 2.60   | cps   |
| Cadmium    | 108-1 | 192      | 129      | 100      | 140      | 33.39  | cps   |
| Calcium    | 43-1  | 466098   | 462146   | 455797   | 461347   | 1.13   | cps   |
| Calcium    | 44-1  | 7649630  | 7589330  | 7523775  | 7587578  | 0.83   | cps   |
| Chromium   | 52-2  | 533      | 557      | 523      | 538      | 3.18   | cps   |
| Cobalt     | 59-2  | 547      | 467      | 560      | 524      | 9.63   | cps   |
| Copper     | 63-2  | 7008     | 7209     | 7455     | 7224     | 3.10   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 17       | 28       | 45.82  | cps   |
| Dysprosium | 156-2 | 23       | 20       | 13       | 19       | 26.96  | cps   |
| Erbium     | 164-1 | 100      | 100      | 58       | 86       | 27.93  | cps   |
| Erbium     | 164-2 | 33       | 23       | 23       | 27       | 21.65  | cps   |
| Gadolinium | 160-1 | 58       | 108      | 125      | 97       | 35.68  | cps   |
| Gadolinium | 160-2 | 187      | 207      | 167      | 187      | 10.71  | cps   |
| Holmium    | 165-1 | 13869968 | 13784799 | 13750103 | 13801623 | 0.45   | cps   |
| Holmium    | 165-2 | 8354122  | 8459816  | 8459809  | 8424582  | 0.72   | cps   |
| Indium     | 115-1 | 11329445 | 11110610 | 11093719 | 11177925 | 1.18   | cps   |
| Indium     | 115-2 | 2538874  | 2580749  | 2571604  | 2563742  | 0.86   | cps   |
| Iron       | 56-2  | 375787   | 378394   | 376939   | 377040   | 0.35   | cps   |
| Iron       | 57-2  | 10804    | 11783    | 10921    | 11169    | 4.79   | cps   |
| Lead       | 206-1 | 34735    | 33370    | 33186    | 33764    | 2.51   | cps   |
| Lead       | 207-1 | 32089    | 31610    | 31883    | 31861    | 0.75   | cps   |
| Lead       | 208-1 | 142142   | 138081   | 138796   | 139673   | 1.55   | cps   |
| Lithium    | 6-1   | 3257059  | 3184430  | 3218683  | 3220057  | 1.13   | cps   |
| Magnesium  | 24-2  | 950004   | 958198   | 956951   | 955051   | 0.46   | cps   |
| Manganese  | 55-2  | 82416    | 82419    | 83240    | 82692    | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:49:24 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 742      | 717      | 758      | 739      | 2.84   | cps   |
| Molybdenum | 95-1  | 642      | 642      | 525      | 603      | 11.18  | cps   |
| Molybdenum | 96-1  | 617      | 658      | 600      | 625      | 4.81   | cps   |
| Molybdenum | 97-1  | 500      | 392      | 392      | 428      | 14.62  | cps   |
| Molybdenum | 98-1  | 900      | 992      | 925      | 939      | 5.05   | cps   |
| Neodymium  | 150-1 | 20       | 40       | 53       | 38       | 44.42  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 27       | 22       | 17.33  | cps   |
| Nickel     | 60-2  | 3634     | 3881     | 3737     | 3751     | 3.30   | cps   |
| Phosphorus | 31-2  | 225      | 333      | 175      | 244      | 33.11  | cps   |
| Potassium  | 39-2  | 352567   | 359630   | 358732   | 356976   | 1.08   | cps   |
| Rhodium    | 103-1 | 10171142 | 10027378 | 10008564 | 10069028 | 0.88   | cps   |
| Rhodium    | 103-2 | 5243772  | 5347806  | 5332526  | 5308035  | 1.06   | cps   |
| Scandium   | 45-1  | 7007119  | 6894665  | 6866690  | 6922825  | 1.07   | cps   |
| Scandium   | 45-2  | 339111   | 341746   | 340298   | 340385   | 0.39   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 69       | 67       | 94       | 77       | 20.29  | cps   |
| Selenium   | 82-1  | 32       | 68       | 5        | 35       | 90.28  | cps   |
| Silicon    | 28-1  | 32413672 | 31969157 | 31830343 | 32071057 | 0.95   | cps   |
| Silver     | 109-1 | 1925     | 2225     | 1825     | 1992     | 10.45  | cps   |
| Silver     | 107-1 | 2059     | 2084     | 2217     | 2120     | 4.02   | cps   |
| Sodium     | 23-2  | 1298942  | 1315132  | 1311479  | 1308518  | 0.65   | cps   |
| Strontium  | 86-1  | 187907   | 183862   | 183533   | 185101   | 1.32   | cps   |
| Strontium  | 88-1  | 1638414  | 1616693  | 1614473  | 1623193  | 0.81   | cps   |
| Sulfur     | 34-1  | 896238   | 878756   | 878142   | 884379   | 1.16   | cps   |
| Terbium    | 159-1 | 14481455 | 14220618 | 14224978 | 14309017 | 1.04   | cps   |
| Terbium    | 159-2 | 8260789  | 8329109  | 8377481  | 8322460  | 0.70   | cps   |
| Thallium   | 203-1 | 342      | 217      | 192      | 250      | 32.15  | cps   |
| Thallium   | 205-1 | 900      | 817      | 642      | 786      | 16.77  | cps   |
| Tin        | 118-1 | 1450     | 1617     | 1375     | 1481     | 8.36   | cps   |
| Titanium   | 47-1  | 733      | 717      | 1496     | 982      | 45.32  | cps   |
| Uranium    | 238-1 | 225      | 200      | 158      | 194      | 17.32  | cps   |
| Vanadium   | 51-2  | 547      | 563      | 633      | 581      | 7.91   | cps   |
| Yttrium    | 89-1  | 11656563 | 11619773 | 11611529 | 11629288 | 0.21   | cps   |
| Yttrium    | 89-2  | 1885651  | 1916479  | 1917452  | 1906527  | 0.95   | cps   |
| Zinc       | 66-2  | 315500   | 318909   | 317704   | 317371   | 0.54   | cps   |
| Zirconium  | 90-1  | 1075     | 983      | 1083     | 1047     | 5.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:49:24 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 258  | 250  | 219     | 27.47  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 13:52:57 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 92       | 42       | 61       | 43.83  | cps   |
| Antimony   | 121-1 | 1775     | 1775     | 1609     | 1720     | 5.60   | cps   |
| Arsenic    | 75-2  | 43       | 33       | 39       | 38       | 12.18  | cps   |
| Barium     | 135-1 | 12498    | 12339    | 12356    | 12398    | 0.70   | cps   |
| Barium     | 137-1 | 20841    | 21367    | 21217    | 21142    | 1.28   | cps   |
| Beryllium  | 9-1   | 100      | 117      | 67       | 94       | 26.96  | cps   |
| Bismuth    | 209-1 | 8077634  | 8133299  | 8118216  | 8109717  | 0.35   | cps   |
| Bismuth    | 209-2 | 5947730  | 5971987  | 6011441  | 5977052  | 0.54   | cps   |
| Boron      | 10-1  | 917      | 917      | 983      | 939      | 4.10   | cps   |
| Boron      | 11-1  | 4443     | 4026     | 4376     | 4281     | 5.23   | cps   |
| Cadmium    | 111-1 | 1645     | 1599     | 1475     | 1573     | 5.59   | cps   |
| Cadmium    | 106-1 | 3501     | 3442     | 3234     | 3392     | 4.13   | cps   |
| Cadmium    | 108-1 | 33       | 8        | 25       | 22       | 57.29  | cps   |
| Calcium    | 43-1  | 79472    | 80695    | 80293    | 80153    | 0.78   | cps   |
| Calcium    | 44-1  | 1311603  | 1325258  | 1303698  | 1313520  | 0.83   | cps   |
| Chromium   | 52-2  | 317      | 313      | 347      | 326      | 5.64   | cps   |
| Cobalt     | 59-2  | 57       | 157      | 133      | 116      | 45.27  | cps   |
| Copper     | 63-2  | 2340     | 2697     | 2647     | 2561     | 7.54   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 27       | 20       | 30       | 26       | 19.92  | cps   |
| Gadolinium | 160-1 | 92       | 75       | 100      | 89       | 14.32  | cps   |
| Gadolinium | 160-2 | 213      | 140      | 107      | 153      | 35.59  | cps   |
| Holmium    | 165-1 | 12755389 | 12868114 | 12779637 | 12801047 | 0.46   | cps   |
| Holmium    | 165-2 | 7842083  | 7798904  | 7884483  | 7841824  | 0.55   | cps   |
| Indium     | 115-1 | 10242918 | 10271320 | 10166937 | 10227058 | 0.53   | cps   |
| Indium     | 115-2 | 2355620  | 2377794  | 2372837  | 2368750  | 0.49   | cps   |
| Iron       | 56-2  | 70625    | 71261    | 71144    | 71010    | 0.48   | cps   |
| Iron       | 57-2  | 2200     | 2356     | 2400     | 2319     | 4.53   | cps   |
| Lead       | 206-1 | 5907     | 6057     | 6007     | 5990     | 1.27   | cps   |
| Lead       | 207-1 | 5885     | 5829     | 5757     | 5824     | 1.10   | cps   |
| Lead       | 208-1 | 24927    | 25332    | 25800    | 25353    | 1.72   | cps   |
| Lithium    | 6-1   | 2860419  | 2880283  | 2858353  | 2866352  | 0.42   | cps   |
| Magnesium  | 24-2  | 170298   | 171015   | 172564   | 171292   | 0.68   | cps   |
| Manganese  | 55-2  | 14624    | 14914    | 15081    | 14873    | 1.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 13:52:57 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 417      | 450      | 408      | 425      | 5.19    | cps   |
| Molybdenum | 95-1  | 125      | 225      | 208      | 186      | 28.79   | cps   |
| Molybdenum | 96-1  | 283      | 300      | 217      | 267      | 16.54   | cps   |
| Molybdenum | 97-1  | 125      | 133      | 150      | 136      | 9.35    | cps   |
| Molybdenum | 98-1  | 275      | 258      | 233      | 256      | 8.20    | cps   |
| Neodymium  | 150-1 | 13       | 7        | 7        | 9        | 43.25   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 7        | 4        | 43.40   | cps   |
| Nickel     | 60-2  | 787      | 753      | 733      | 758      | 3.56    | cps   |
| Phosphorus | 31-2  | 167      | 208      | 217      | 197      | 13.59   | cps   |
| Potassium  | 39-2  | 93084    | 93007    | 94130    | 93407    | 0.67    | cps   |
| Rhodium    | 103-1 | 9399350  | 9565311  | 9411625  | 9458762  | 0.98    | cps   |
| Rhodium    | 103-2 | 4958935  | 4998044  | 4996957  | 4984645  | 0.45    | cps   |
| Scandium   | 45-1  | 6461222  | 6444469  | 6440211  | 6448634  | 0.17    | cps   |
| Scandium   | 45-2  | 317179   | 316685   | 317454   | 317106   | 0.12    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 94       | 70       | 72       | 79       | 16.96   | cps   |
| Selenium   | 82-1  | -20      | 20       | -21      | -7       | -343.30 | cps   |
| Silicon    | 28-1  | 5891483  | 5920596  | 5900222  | 5904100  | 0.25    | cps   |
| Silver     | 109-1 | 550      | 650      | 625      | 608      | 8.56    | cps   |
| Silver     | 107-1 | 658      | 633      | 1000     | 764      | 26.82   | cps   |
| Sodium     | 23-2  | 250906   | 247519   | 249064   | 249163   | 0.68    | cps   |
| Strontium  | 86-1  | 33640    | 33348    | 32655    | 33214    | 1.52    | cps   |
| Strontium  | 88-1  | 284748   | 285181   | 283225   | 284385   | 0.36    | cps   |
| Sulfur     | 34-1  | 447809   | 448510   | 447581   | 447966   | 0.11    | cps   |
| Terbium    | 159-1 | 13302092 | 13323411 | 13305156 | 13310220 | 0.09    | cps   |
| Terbium    | 159-2 | 7784483  | 7749380  | 7760272  | 7764712  | 0.23    | cps   |
| Thallium   | 203-1 | 67       | 100      | 67       | 78       | 24.74   | cps   |
| Thallium   | 205-1 | 200      | 258      | 200      | 219      | 15.35   | cps   |
| Tin        | 118-1 | 650      | 517      | 600      | 589      | 11.44   | cps   |
| Titanium   | 47-1  | 225      | 150      | 133      | 169      | 28.82   | cps   |
| Uranium    | 238-1 | 92       | 58       | 50       | 67       | 33.07   | cps   |
| Vanadium   | 51-2  | 147      | 160      | 153      | 153      | 4.35    | cps   |
| Yttrium    | 89-1  | 10816992 | 10864702 | 10802672 | 10828122 | 0.30    | cps   |
| Yttrium    | 89-2  | 1783552  | 1788342  | 1782675  | 1784856  | 0.17    | cps   |
| Zinc       | 66-2  | 56382    | 54786    | 55642    | 55603    | 1.44    | cps   |
| Zirconium  | 90-1  | 617      | 758      | 825      | 733      | 14.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 13:52:57 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 133  | 108  | 114     | 15.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:56:30 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 146644   | 146712   | 147074   | 146810   | 0.16   | cps   |
| Antimony   | 121-1 | 786350   | 792506   | 777161   | 785339   | 0.98   | cps   |
| Arsenic    | 75-2  | 12535    | 12407    | 12077    | 12340    | 1.91   | cps   |
| Barium     | 135-1 | 3804370  | 3805372  | 3781748  | 3797163  | 0.35   | cps   |
| Barium     | 137-1 | 6702266  | 6716238  | 6647061  | 6688521  | 0.55   | cps   |
| Beryllium  | 9-1   | 89491    | 89144    | 89496    | 89377    | 0.23   | cps   |
| Bismuth    | 209-1 | 8747889  | 8688083  | 8614773  | 8683581  | 0.77   | cps   |
| Bismuth    | 209-2 | 6138974  | 6421363  | 6343674  | 6301337  | 2.32   | cps   |
| Boron      | 10-1  | 3067     | 3559     | 3409     | 3345     | 7.54   | cps   |
| Boron      | 11-1  | 16251    | 15525    | 16560    | 16112    | 3.30   | cps   |
| Cadmium    | 111-1 | 94102    | 94150    | 93545    | 93932    | 0.36   | cps   |
| Cadmium    | 106-1 | 11539    | 11997    | 11280    | 11605    | 3.13   | cps   |
| Cadmium    | 108-1 | 6001     | 6089     | 6026     | 6039     | 0.75   | cps   |
| Calcium    | 43-1  | 451980   | 449408   | 448409   | 449932   | 0.41   | cps   |
| Calcium    | 44-1  | 7460779  | 7455382  | 7415823  | 7443995  | 0.33   | cps   |
| Chromium   | 52-2  | 486693   | 491984   | 488574   | 489083   | 0.55   | cps   |
| Cobalt     | 59-2  | 2027419  | 2037678  | 2017198  | 2027432  | 0.51   | cps   |
| Copper     | 63-2  | 729376   | 740173   | 732538   | 734029   | 0.76   | cps   |
| Dysprosium | 156-1 | 83       | 75       | 42       | 67       | 33.07  | cps   |
| Dysprosium | 156-2 | 47       | 50       | 30       | 42       | 25.38  | cps   |
| Erbium     | 164-1 | 58       | 42       | 42       | 47       | 20.38  | cps   |
| Erbium     | 164-2 | 33       | 33       | 20       | 29       | 26.64  | cps   |
| Gadolinium | 160-1 | 92       | 100      | 150      | 114      | 27.70  | cps   |
| Gadolinium | 160-2 | 163      | 150      | 167      | 160      | 5.51   | cps   |
| Holmium    | 165-1 | 13812292 | 13772588 | 13784398 | 13789759 | 0.15   | cps   |
| Holmium    | 165-2 | 8145177  | 8434499  | 8327416  | 8302364  | 1.76   | cps   |
| Indium     | 115-1 | 11137118 | 11172987 | 11107269 | 11139125 | 0.30   | cps   |
| Indium     | 115-2 | 2459452  | 2556909  | 2518183  | 2511515  | 1.95   | cps   |
| Iron       | 56-2  | 2423908  | 2438344  | 2414053  | 2425435  | 0.50   | cps   |
| Iron       | 57-2  | 61289    | 61562    | 61328    | 61393    | 0.24   | cps   |
| Lead       | 206-1 | 147610   | 147031   | 145003   | 146548   | 0.93   | cps   |
| Lead       | 207-1 | 133777   | 134271   | 130415   | 132821   | 1.58   | cps   |
| Lead       | 208-1 | 599637   | 595963   | 587872   | 594490   | 1.01   | cps   |
| Lithium    | 6-1   | 3237225  | 3237173  | 3256278  | 3243559  | 0.34   | cps   |
| Magnesium  | 24-2  | 958310   | 960130   | 956439   | 958293   | 0.19   | cps   |
| Manganese  | 55-2  | 794306   | 798097   | 790827   | 794410   | 0.46   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:56:30 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 817      | 758      | 808      | 5.74   | cps   |
| Molybdenum | 95-1  | 783      | 533      | 817      | 711      | 21.78  | cps   |
| Molybdenum | 96-1  | 933      | 900      | 1000     | 945      | 5.39   | cps   |
| Molybdenum | 97-1  | 467      | 533      | 433      | 478      | 10.66  | cps   |
| Molybdenum | 98-1  | 1267     | 1200     | 1450     | 1306     | 9.92   | cps   |
| Neodymium  | 150-1 | 187      | 287      | 220      | 231      | 22.03  | cps   |
| Neodymium  | 150-2 | 27       | 43       | 33       | 34       | 24.35  | cps   |
| Nickel     | 60-2  | 533501   | 539044   | 532199   | 534915   | 0.68   | cps   |
| Phosphorus | 31-2  | 325      | 200      | 350      | 292      | 27.55  | cps   |
| Potassium  | 39-2  | 355955   | 357335   | 356802   | 356697   | 0.20   | cps   |
| Rhodium    | 103-1 | 10032074 | 10116170 | 9981104  | 10043116 | 0.68   | cps   |
| Rhodium    | 103-2 | 5095028  | 5337625  | 5267770  | 5233474  | 2.39   | cps   |
| Scandium   | 45-1  | 6910412  | 6910943  | 6874334  | 6898563  | 0.30   | cps   |
| Scandium   | 45-2  | 326957   | 336178   | 332820   | 331985   | 1.41   | cps   |
| Selenium   | 77-2  | 880      | 953      | 930      | 921      | 4.07   | cps   |
| Selenium   | 78-2  | 3223     | 3045     | 3128     | 3132     | 2.84   | cps   |
| Selenium   | 82-1  | 16639    | 16788    | 16721    | 16716    | 0.44   | cps   |
| Silicon    | 28-1  | 31672601 | 31520501 | 31219781 | 31470961 | 0.73   | cps   |
| Silver     | 109-1 | 427403   | 429064   | 428361   | 428276   | 0.19   | cps   |
| Silver     | 107-1 | 449342   | 448217   | 442768   | 446776   | 0.79   | cps   |
| Sodium     | 23-2  | 1302087  | 1305892  | 1301281  | 1303087  | 0.19   | cps   |
| Strontium  | 86-1  | 183279   | 182808   | 181551   | 182546   | 0.49   | cps   |
| Strontium  | 88-1  | 1609852  | 1591872  | 1590266  | 1597330  | 0.68   | cps   |
| Sulfur     | 34-1  | 864435   | 856634   | 843173   | 854748   | 1.26   | cps   |
| Terbium    | 159-1 | 14143729 | 14268329 | 14270811 | 14227623 | 0.51   | cps   |
| Terbium    | 159-2 | 8026343  | 8315347  | 8233713  | 8191801  | 1.82   | cps   |
| Thallium   | 203-1 | 350063   | 353891   | 349862   | 351272   | 0.65   | cps   |
| Thallium   | 205-1 | 843850   | 847935   | 834451   | 842078   | 0.82   | cps   |
| Tin        | 118-1 | 1292     | 1700     | 1350     | 1447     | 15.26  | cps   |
| Titanium   | 47-1  | 758      | 783      | 717      | 753      | 4.47   | cps   |
| Uranium    | 238-1 | 225      | 192      | 292      | 236      | 21.56  | cps   |
| Vanadium   | 51-2  | 1027457  | 1031001  | 1024924  | 1027794  | 0.30   | cps   |
| Yttrium    | 89-1  | 11613189 | 11518100 | 11507957 | 11546415 | 0.50   | cps   |
| Yttrium    | 89-2  | 1830363  | 1900438  | 1885084  | 1871962  | 1.97   | cps   |
| Zinc       | 66-2  | 519373   | 522958   | 524390   | 522241   | 0.49   | cps   |
| Zirconium  | 90-1  | 1050     | 1067     | 1000     | 1039     | 3.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF4S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 13:56:30 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 292  | 342  | 308     | 9.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:00:03 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 233      | 275      | 183      | 231      | 19.91  | cps   |
| Antimony   | 121-1 | 767      | 775      | 775      | 772      | 0.62   | cps   |
| Arsenic    | 75-2  | 9        | 22       | 20       | 17       | 40.56  | cps   |
| Barium     | 135-1 | 542      | 458      | 375      | 458      | 18.18  | cps   |
| Barium     | 137-1 | 850      | 825      | 875      | 850      | 2.94   | cps   |
| Beryllium  | 9-1   | 106      | 106      | 144      | 119      | 18.94  | cps   |
| Bismuth    | 209-1 | 8871054  | 8759707  | 8697221  | 8775994  | 1.00   | cps   |
| Bismuth    | 209-2 | 6330218  | 6271648  | 6252648  | 6284838  | 0.64   | cps   |
| Boron      | 10-1  | 375      | 325      | 333      | 344      | 7.78   | cps   |
| Boron      | 11-1  | 2000     | 1867     | 2075     | 1981     | 5.33   | cps   |
| Cadmium    | 111-1 | 1484     | 1439     | 1554     | 1492     | 3.85   | cps   |
| Cadmium    | 106-1 | 3701     | 3567     | 3851     | 3706     | 3.83   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 8        | 17       | 43.31  | cps   |
| Calcium    | 43-1  | 417      | 625      | 642      | 561      | 22.34  | cps   |
| Calcium    | 44-1  | 17378    | 16468    | 16451    | 16766    | 3.16   | cps   |
| Chromium   | 52-2  | 633      | 547      | 690      | 623      | 11.58  | cps   |
| Cobalt     | 59-2  | 117      | 103      | 73       | 98       | 22.70  | cps   |
| Copper     | 63-2  | 4081     | 3834     | 4134     | 4016     | 3.99   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 25       | 83       | 53       | 55.46  | cps   |
| Erbium     | 164-2 | 20       | 13       | 27       | 20       | 33.35  | cps   |
| Gadolinium | 160-1 | 108      | 58       | 142      | 103      | 40.81  | cps   |
| Gadolinium | 160-2 | 150      | 193      | 207      | 183      | 16.16  | cps   |
| Holmium    | 165-1 | 14193029 | 14033718 | 13848159 | 14024969 | 1.23   | cps   |
| Holmium    | 165-2 | 8474080  | 8351872  | 8232818  | 8352923  | 1.44   | cps   |
| Indium     | 115-1 | 11323297 | 11272966 | 11202860 | 11266375 | 0.54   | cps   |
| Indium     | 115-2 | 2535372  | 2554417  | 2515717  | 2535169  | 0.76   | cps   |
| Iron       | 56-2  | 7341     | 7813     | 8436     | 7863     | 6.99   | cps   |
| Iron       | 57-2  | 450      | 433      | 294      | 393      | 21.75  | cps   |
| Lead       | 206-1 | 1517     | 1395     | 1489     | 1467     | 4.37   | cps   |
| Lead       | 207-1 | 1133     | 1195     | 1139     | 1156     | 2.92   | cps   |
| Lead       | 208-1 | 5545     | 5473     | 5506     | 5508     | 0.66   | cps   |
| Lithium    | 6-1   | 3285097  | 3273641  | 3251168  | 3269969  | 0.53   | cps   |
| Magnesium  | 24-2  | 892      | 758      | 892      | 847      | 9.09   | cps   |
| Manganese  | 55-2  | 240      | 193      | 163      | 199      | 19.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:00:03 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 317      | 217      | 242      | 258      | 20.14    | cps   |
| Molybdenum | 95-1  | 17       | 33       | 25       | 25       | 33.32    | cps   |
| Molybdenum | 96-1  | 58       | 133      | 175      | 122      | 48.37    | cps   |
| Molybdenum | 97-1  | 58       | 25       | 58       | 47       | 40.76    | cps   |
| Molybdenum | 98-1  | 83       | 83       | 42       | 69       | 34.64    | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21   | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05   | cps   |
| Nickel     | 60-2  | 167      | 230      | 237      | 211      | 18.30    | cps   |
| Phosphorus | 31-2  | 125      | 208      | 267      | 200      | 35.60    | cps   |
| Potassium  | 39-2  | 39261    | 38794    | 39270    | 39108    | 0.70     | cps   |
| Rhodium    | 103-1 | 10388548 | 10360460 | 10199407 | 10316138 | 0.99     | cps   |
| Rhodium    | 103-2 | 5363807  | 5361977  | 5243625  | 5323136  | 1.29     | cps   |
| Scandium   | 45-1  | 7077877  | 6987639  | 6944670  | 7003395  | 0.97     | cps   |
| Scandium   | 45-2  | 335638   | 332728   | 326608   | 331658   | 1.39     | cps   |
| Selenium   | 77-2  | 7        | 0        | 7        | 4        | 86.60    | cps   |
| Selenium   | 78-2  | 54       | 74       | 70       | 66       | 16.43    | cps   |
| Selenium   | 82-1  | 42       | 2        | -57      | -4       | -1184.92 | cps   |
| Silicon    | 28-1  | 344871   | 342497   | 342281   | 343216   | 0.42     | cps   |
| Silver     | 109-1 | 1458     | 1709     | 1650     | 1606     | 8.15     | cps   |
| Silver     | 107-1 | 1642     | 1925     | 1875     | 1814     | 8.34     | cps   |
| Sodium     | 23-2  | 39762    | 38241    | 40547    | 39517    | 2.97     | cps   |
| Strontium  | 86-1  | 892      | 967      | 750      | 870      | 12.66    | cps   |
| Strontium  | 88-1  | 2725     | 2550     | 2292     | 2523     | 8.64     | cps   |
| Sulfur     | 34-1  | 330150   | 330937   | 332920   | 331336   | 0.43     | cps   |
| Terbium    | 159-1 | 14581322 | 14559848 | 14370839 | 14504003 | 0.80     | cps   |
| Terbium    | 159-2 | 8343503  | 8320959  | 8113840  | 8259434  | 1.53     | cps   |
| Thallium   | 203-1 | 233      | 250      | 275      | 253      | 8.30     | cps   |
| Thallium   | 205-1 | 583      | 617      | 467      | 556      | 14.18    | cps   |
| Tin        | 118-1 | 1675     | 1275     | 1392     | 1447     | 14.21    | cps   |
| Titanium   | 47-1  | 183      | 92       | 83       | 119      | 46.45    | cps   |
| Uranium    | 238-1 | 25       | 17       | 8        | 17       | 50.01    | cps   |
| Vanadium   | 51-2  | 443      | 467      | 430      | 447      | 4.16     | cps   |
| Yttrium    | 89-1  | 11865183 | 11840533 | 11636548 | 11780755 | 1.07     | cps   |
| Yttrium    | 89-2  | 1902219  | 1904273  | 1854795  | 1887096  | 1.48     | cps   |
| Zinc       | 66-2  | 1550     | 1653     | 1530     | 1578     | 4.20     | cps   |
| Zirconium  | 90-1  | 692      | 825      | 550      | 689      | 19.96    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:00:03 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 242  | 192  | 203     | 17.11  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:03:39 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 208      | 317      | 242      | 256      | 21.71  | cps   |
| Antimony   | 121-1 | 833      | 883      | 933      | 883      | 5.66   | cps   |
| Arsenic    | 75-2  | 24       | 11       | 17       | 17       | 37.62  | cps   |
| Barium     | 135-1 | 333      | 317      | 225      | 292      | 20.00  | cps   |
| Barium     | 137-1 | 633      | 500      | 617      | 583      | 12.45  | cps   |
| Beryllium  | 9-1   | 94       | 117      | 111      | 107      | 10.77  | cps   |
| Bismuth    | 209-1 | 8728148  | 8734122  | 8716883  | 8726384  | 0.10   | cps   |
| Bismuth    | 209-2 | 6228573  | 6253960  | 6248231  | 6243588  | 0.21   | cps   |
| Boron      | 10-1  | 525      | 550      | 417      | 497      | 14.25  | cps   |
| Boron      | 11-1  | 1834     | 2084     | 1875     | 1931     | 6.94   | cps   |
| Cadmium    | 111-1 | 1478     | 1498     | 1479     | 1485     | 0.76   | cps   |
| Cadmium    | 106-1 | 3692     | 3717     | 3626     | 3678     | 1.29   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 1642     | 1625     | 1659     | 1642     | 1.02   | cps   |
| Calcium    | 44-1  | 34358    | 34032    | 33531    | 33973    | 1.23   | cps   |
| Chromium   | 52-2  | 700      | 597      | 700      | 666      | 8.96   | cps   |
| Cobalt     | 59-2  | 107      | 97       | 120      | 108      | 10.86  | cps   |
| Copper     | 63-2  | 4534     | 4377     | 4771     | 4561     | 4.34   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 50       | 67       | 25       | 47       | 44.41  | cps   |
| Erbium     | 164-2 | 13       | 20       | 27       | 20       | 33.35  | cps   |
| Gadolinium | 160-1 | 117      | 108      | 75       | 100      | 22.05  | cps   |
| Gadolinium | 160-2 | 173      | 230      | 203      | 202      | 14.02  | cps   |
| Holmium    | 165-1 | 13710269 | 13780621 | 13825135 | 13772008 | 0.42   | cps   |
| Holmium    | 165-2 | 8229153  | 8190613  | 8232629  | 8217465  | 0.28   | cps   |
| Indium     | 115-1 | 11129049 | 11126460 | 11114332 | 11123280 | 0.07   | cps   |
| Indium     | 115-2 | 2488973  | 2501527  | 2499811  | 2496770  | 0.27   | cps   |
| Iron       | 56-2  | 15047    | 15264    | 15692    | 15334    | 2.14   | cps   |
| Iron       | 57-2  | 611      | 694      | 578      | 628      | 9.57   | cps   |
| Lead       | 206-1 | 4712     | 4890     | 4946     | 4849     | 2.51   | cps   |
| Lead       | 207-1 | 3956     | 3878     | 3973     | 3936     | 1.28   | cps   |
| Lead       | 208-1 | 18078    | 18695    | 18405    | 18392    | 1.68   | cps   |
| Lithium    | 6-1   | 3258024  | 3223899  | 3244342  | 3242088  | 0.53   | cps   |
| Magnesium  | 24-2  | 2417     | 2000     | 2192     | 2203     | 9.47   | cps   |
| Manganese  | 55-2  | 310      | 283      | 363      | 319      | 12.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:03:39 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 275      | 250      | 250      | 258      | 5.59     | cps   |
| Molybdenum | 95-1  | 50       | 17       | 25       | 31       | 56.77    | cps   |
| Molybdenum | 96-1  | 192      | 92       | 75       | 119      | 52.83    | cps   |
| Molybdenum | 97-1  | 33       | 33       | 100      | 56       | 69.29    | cps   |
| Molybdenum | 98-1  | 58       | 58       | 92       | 69       | 27.71    | cps   |
| Neodymium  | 150-1 | 13       | 33       | 13       | 20       | 57.74    | cps   |
| Neodymium  | 150-2 | 7        | 7        | 7        | 7        | 0.00     | cps   |
| Nickel     | 60-2  | 247      | 280      | 257      | 261      | 6.55     | cps   |
| Phosphorus | 31-2  | 217      | 100      | 192      | 169      | 36.25    | cps   |
| Potassium  | 39-2  | 40782    | 39921    | 40063    | 40256    | 1.15     | cps   |
| Rhodium    | 103-1 | 10221185 | 10199340 | 10210766 | 10210430 | 0.11     | cps   |
| Rhodium    | 103-2 | 5220883  | 5278136  | 5246703  | 5248574  | 0.55     | cps   |
| Scandium   | 45-1  | 6835009  | 6845938  | 6896760  | 6859236  | 0.48     | cps   |
| Scandium   | 45-2  | 327665   | 330557   | 329875   | 329366   | 0.46     | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40    | cps   |
| Selenium   | 78-2  | 70       | 69       | 72       | 70       | 2.63     | cps   |
| Selenium   | 82-1  | 40       | -27      | -21      | -2       | -1499.99 | cps   |
| Silicon    | 28-1  | 340956   | 346629   | 343193   | 343592   | 0.83     | cps   |
| Silver     | 109-1 | 1550     | 1392     | 1792     | 1578     | 12.77    | cps   |
| Silver     | 107-1 | 1634     | 1692     | 1892     | 1739     | 7.79     | cps   |
| Sodium     | 23-2  | 52760    | 52033    | 53212    | 52668    | 1.13     | cps   |
| Strontium  | 86-1  | 2175     | 2117     | 2467     | 2253     | 8.32     | cps   |
| Strontium  | 88-1  | 13482    | 13615    | 13966    | 13688    | 1.83     | cps   |
| Sulfur     | 34-1  | 358438   | 359359   | 362202   | 360000   | 0.55     | cps   |
| Terbium    | 159-1 | 14282431 | 14187535 | 14256830 | 14242265 | 0.34     | cps   |
| Terbium    | 159-2 | 8097702  | 8078072  | 8144629  | 8106801  | 0.42     | cps   |
| Thallium   | 203-1 | 200      | 175      | 192      | 189      | 6.74     | cps   |
| Thallium   | 205-1 | 458      | 475      | 425      | 453      | 5.62     | cps   |
| Tin        | 118-1 | 4393     | 4284     | 4151     | 4276     | 2.83     | cps   |
| Titanium   | 47-1  | 275      | 192      | 133      | 200      | 35.60    | cps   |
| Uranium    | 238-1 | 17       | 8        | 17       | 14       | 34.67    | cps   |
| Vanadium   | 51-2  | 443      | 413      | 450      | 436      | 4.48     | cps   |
| Yttrium    | 89-1  | 11501052 | 11493849 | 11500645 | 11498515 | 0.04     | cps   |
| Yttrium    | 89-2  | 1850161  | 1856188  | 1846287  | 1850879  | 0.27     | cps   |
| Zinc       | 66-2  | 1767     | 1740     | 1737     | 1748     | 0.94     | cps   |
| Zirconium  | 90-1  | 992      | 808      | 825      | 875      | 11.59    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:03:39 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 142  | 142  | 150     | 9.63   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:07:12 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 383      | 358      | 325      | 356      | 8.23   | cps   |
| Antimony   | 121-1 | 1750     | 1800     | 1659     | 1736     | 4.14   | cps   |
| Arsenic    | 75-2  | 1070     | 1085     | 1030     | 1062     | 2.71   | cps   |
| Barium     | 135-1 | 97666    | 98784    | 99597    | 98682    | 0.98   | cps   |
| Barium     | 137-1 | 171592   | 172423   | 170873   | 171630   | 0.45   | cps   |
| Beryllium  | 9-1   | 117      | 117      | 133      | 122      | 7.87   | cps   |
| Bismuth    | 209-1 | 8613648  | 8562539  | 8164014  | 8446734  | 2.91   | cps   |
| Bismuth    | 209-2 | 6200388  | 6258093  | 6219706  | 6226062  | 0.47   | cps   |
| Boron      | 10-1  | 3217     | 3167     | 3234     | 3206     | 1.08   | cps   |
| Boron      | 11-1  | 15208    | 15167    | 15350    | 15242    | 0.63   | cps   |
| Cadmium    | 111-1 | 1566     | 1662     | 1512     | 1580     | 4.81   | cps   |
| Cadmium    | 106-1 | 3809     | 4117     | 3726     | 3884     | 5.31   | cps   |
| Cadmium    | 108-1 | 92       | 88       | 92       | 90       | 2.67   | cps   |
| Calcium    | 43-1  | 577350   | 580507   | 573083   | 576980   | 0.65   | cps   |
| Calcium    | 44-1  | 9522743  | 9463690  | 9507318  | 9497917  | 0.32   | cps   |
| Chromium   | 52-2  | 693      | 670      | 697      | 687      | 2.12   | cps   |
| Cobalt     | 59-2  | 15732    | 15692    | 16022    | 15815    | 1.14   | cps   |
| Copper     | 63-2  | 5118     | 5271     | 5338     | 5242     | 2.15   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 67       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 37       | 30       | 60       | 42       | 37.31  | cps   |
| Erbium     | 164-1 | 117      | 108      | 83       | 103      | 16.88  | cps   |
| Erbium     | 164-2 | 83       | 53       | 40       | 59       | 37.69  | cps   |
| Gadolinium | 160-1 | 175      | 167      | 142      | 161      | 10.77  | cps   |
| Gadolinium | 160-2 | 203      | 230      | 197      | 210      | 8.40   | cps   |
| Holmium    | 165-1 | 13636756 | 13560650 | 12911954 | 13369787 | 2.98   | cps   |
| Holmium    | 165-2 | 8162436  | 8187483  | 8105139  | 8151686  | 0.52   | cps   |
| Indium     | 115-1 | 11004958 | 10907516 | 10460780 | 10791085 | 2.69   | cps   |
| Indium     | 115-2 | 2468721  | 2469060  | 2482670  | 2473484  | 0.32   | cps   |
| Iron       | 56-2  | 5156527  | 5133600  | 5150412  | 5146846  | 0.23   | cps   |
| Iron       | 57-2  | 129365   | 127650   | 126882   | 127966   | 0.99   | cps   |
| Lead       | 206-1 | 2384     | 2589     | 2467     | 2480     | 4.17   | cps   |
| Lead       | 207-1 | 2128     | 2122     | 1906     | 2052     | 6.18   | cps   |
| Lead       | 208-1 | 9424     | 9618     | 9818     | 9620     | 2.05   | cps   |
| Lithium    | 6-1   | 3214627  | 3191269  | 3075487  | 3160461  | 2.36   | cps   |
| Magnesium  | 24-2  | 2227007  | 2204952  | 2201594  | 2211184  | 0.62   | cps   |
| Manganese  | 55-2  | 2666191  | 2662676  | 2663204  | 2664024  | 0.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:07:12 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1033     | 1075     | 917      | 1008     | 8.14   | cps   |
| Molybdenum | 95-1  | 1142     | 992      | 1075     | 1070     | 7.03   | cps   |
| Molybdenum | 96-1  | 992      | 1050     | 1042     | 1028     | 3.07   | cps   |
| Molybdenum | 97-1  | 617      | 617      | 517      | 583      | 9.90   | cps   |
| Molybdenum | 98-1  | 1317     | 1467     | 1408     | 1397     | 5.41   | cps   |
| Neodymium  | 150-1 | 67       | 73       | 93       | 78       | 17.84  | cps   |
| Neodymium  | 150-2 | 17       | 20       | 33       | 23       | 37.78  | cps   |
| Nickel     | 60-2  | 8092     | 7766     | 7989     | 7949     | 2.10   | cps   |
| Phosphorus | 31-2  | 275      | 375      | 333      | 328      | 15.33  | cps   |
| Potassium  | 39-2  | 380408   | 375556   | 370900   | 375621   | 1.27   | cps   |
| Rhodium    | 103-1 | 9947305  | 9897481  | 9489188  | 9777991  | 2.57   | cps   |
| Rhodium    | 103-2 | 5162251  | 5176223  | 5146233  | 5161569  | 0.29   | cps   |
| Scandium   | 45-1  | 6786438  | 6809852  | 6479494  | 6691928  | 2.75   | cps   |
| Scandium   | 45-2  | 329263   | 327619   | 326541   | 327808   | 0.42   | cps   |
| Selenium   | 77-2  | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 48       | 70       | 87       | 69       | 28.47  | cps   |
| Selenium   | 82-1  | 46       | 66       | 14       | 42       | 63.18  | cps   |
| Silicon    | 28-1  | 37511451 | 37306896 | 37346644 | 37388330 | 0.29   | cps   |
| Silver     | 109-1 | 1500     | 1325     | 1508     | 1445     | 7.17   | cps   |
| Silver     | 107-1 | 1517     | 1825     | 1700     | 1681     | 9.23   | cps   |
| Sodium     | 23-2  | 1510819  | 1491191  | 1485316  | 1495775  | 0.89   | cps   |
| Strontium  | 86-1  | 187920   | 184632   | 186368   | 186307   | 0.88   | cps   |
| Strontium  | 88-1  | 1628967  | 1606976  | 1603745  | 1613229  | 0.85   | cps   |
| Sulfur     | 34-1  | 1225085  | 1216813  | 1211412  | 1217770  | 0.57   | cps   |
| Terbium    | 159-1 | 14127483 | 13996622 | 13402286 | 13842130 | 2.79   | cps   |
| Terbium    | 159-2 | 8111906  | 8076329  | 8038344  | 8075526  | 0.46   | cps   |
| Thallium   | 203-1 | 142      | 125      | 192      | 153      | 22.71  | cps   |
| Thallium   | 205-1 | 408      | 367      | 392      | 389      | 5.39   | cps   |
| Tin        | 118-1 | 1300     | 1208     | 1567     | 1358     | 13.70  | cps   |
| Titanium   | 47-1  | 867      | 633      | 750      | 750      | 15.56  | cps   |
| Uranium    | 238-1 | 100      | 108      | 133      | 114      | 15.23  | cps   |
| Vanadium   | 51-2  | 343      | 403      | 383      | 377      | 8.11   | cps   |
| Yttrium    | 89-1  | 11432583 | 11356229 | 10846353 | 11211722 | 2.84   | cps   |
| Yttrium    | 89-2  | 1843130  | 1852404  | 1844162  | 1846565  | 0.28   | cps   |
| Zinc       | 66-2  | 874506   | 871033   | 874150   | 873230   | 0.22   | cps   |
| Zirconium  | 90-1  | 1442     | 1267     | 1417     | 1375     | 6.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:07:12 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 350  | 325  | 322     | 9.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:10:46 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200      | 250      | 292      | 247      | 18.56  | cps   |
| Antimony   | 121-1 | 3409     | 3000     | 2875     | 3095     | 9.02   | cps   |
| Arsenic    | 75-2  | 4399     | 4454     | 4386     | 4413     | 0.82   | cps   |
| Barium     | 135-1 | 66225    | 64961    | 63135    | 64774    | 2.40   | cps   |
| Barium     | 137-1 | 117872   | 112620   | 112562   | 114352   | 2.67   | cps   |
| Beryllium  | 9-1   | 133      | 139      | 78       | 117      | 28.97  | cps   |
| Bismuth    | 209-1 | 8781051  | 8734617  | 8618571  | 8711413  | 0.96   | cps   |
| Bismuth    | 209-2 | 6221887  | 6229142  | 6267048  | 6239359  | 0.39   | cps   |
| Boron      | 10-1  | 2875     | 3409     | 3025     | 3103     | 8.86   | cps   |
| Boron      | 11-1  | 13665    | 14583    | 14499    | 14249    | 3.56   | cps   |
| Cadmium    | 111-1 | 1878     | 1614     | 1879     | 1790     | 8.51   | cps   |
| Cadmium    | 106-1 | 4626     | 3976     | 4584     | 4395     | 8.28   | cps   |
| Cadmium    | 108-1 | 317      | 263      | 263      | 281      | 11.15  | cps   |
| Calcium    | 43-1  | 653874   | 645149   | 647698   | 648907   | 0.69   | cps   |
| Calcium    | 44-1  | 10802710 | 10752368 | 10693844 | 10749641 | 0.51   | cps   |
| Chromium   | 52-2  | 1307     | 1263     | 1233     | 1268     | 2.91   | cps   |
| Cobalt     | 59-2  | 30532    | 29857    | 31010    | 30466    | 1.90   | cps   |
| Copper     | 63-2  | 5571     | 5925     | 5761     | 5752     | 3.08   | cps   |
| Dysprosium | 156-1 | 58       | 133      | 100      | 97       | 38.65  | cps   |
| Dysprosium | 156-2 | 60       | 77       | 93       | 77       | 21.74  | cps   |
| Erbium     | 164-1 | 167      | 125      | 108      | 133      | 22.53  | cps   |
| Erbium     | 164-2 | 90       | 67       | 87       | 81       | 15.56  | cps   |
| Gadolinium | 160-1 | 258      | 217      | 217      | 231      | 10.43  | cps   |
| Gadolinium | 160-2 | 207      | 180      | 180      | 189      | 8.15   | cps   |
| Holmium    | 165-1 | 13880112 | 13893429 | 13713023 | 13828854 | 0.73   | cps   |
| Holmium    | 165-2 | 8246700  | 8330516  | 8316834  | 8298017  | 0.54   | cps   |
| Indium     | 115-1 | 11116047 | 10934340 | 10981623 | 11010670 | 0.86   | cps   |
| Indium     | 115-2 | 2444421  | 2456662  | 2483999  | 2461694  | 0.82   | cps   |
| Iron       | 56-2  | 34431271 | 34754312 | 34612965 | 34599516 | 0.47   | cps   |
| Iron       | 57-2  | 820459   | 831184   | 828963   | 826868   | 0.68   | cps   |
| Lead       | 206-1 | 3078     | 2661     | 2923     | 2887     | 7.29   | cps   |
| Lead       | 207-1 | 2467     | 2584     | 2773     | 2608     | 5.91   | cps   |
| Lead       | 208-1 | 11513    | 11363    | 12153    | 11676    | 3.59   | cps   |
| Lithium    | 6-1   | 3243151  | 3200137  | 3208107  | 3217132  | 0.71   | cps   |
| Magnesium  | 24-2  | 2985201  | 3007610  | 3006688  | 2999833  | 0.42   | cps   |
| Manganese  | 55-2  | 7597967  | 7650514  | 7608353  | 7618945  | 0.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:10:46 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1892     | 2184     | 2217     | 2097     | 8.53   | cps   |
| Molybdenum | 95-1  | 2667     | 2734     | 2650     | 2684     | 1.64   | cps   |
| Molybdenum | 96-1  | 3292     | 3209     | 3317     | 3273     | 1.73   | cps   |
| Molybdenum | 97-1  | 1517     | 1475     | 1600     | 1531     | 4.16   | cps   |
| Molybdenum | 98-1  | 4243     | 4026     | 4109     | 4126     | 2.65   | cps   |
| Neodymium  | 150-1 | 93       | 87       | 107      | 96       | 10.66  | cps   |
| Neodymium  | 150-2 | 47       | 43       | 57       | 49       | 14.20  | cps   |
| Nickel     | 60-2  | 5184     | 4904     | 5038     | 5042     | 2.78   | cps   |
| Phosphorus | 31-2  | 567      | 458      | 367      | 464      | 21.58  | cps   |
| Potassium  | 39-2  | 364733   | 362876   | 365265   | 364291   | 0.34   | cps   |
| Rhodium    | 103-1 | 10036853 | 9918256  | 9909816  | 9954975  | 0.71   | cps   |
| Rhodium    | 103-2 | 5200248  | 5180463  | 5228446  | 5203052  | 0.46   | cps   |
| Scandium   | 45-1  | 6974249  | 6929803  | 6843378  | 6915810  | 0.96   | cps   |
| Scandium   | 45-2  | 329479   | 331632   | 329535   | 330215   | 0.37   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 78       | 48       | 78       | 68       | 25.19  | cps   |
| Selenium   | 82-1  | -13      | 111      | -11      | 29       | 242.35 | cps   |
| Silicon    | 28-1  | 50358432 | 50110570 | 49969200 | 50146067 | 0.39   | cps   |
| Silver     | 109-1 | 1517     | 1558     | 1392     | 1489     | 5.83   | cps   |
| Silver     | 107-1 | 1709     | 1584     | 1675     | 1656     | 3.91   | cps   |
| Sodium     | 23-2  | 2207870  | 2233333  | 2217651  | 2219618  | 0.58   | cps   |
| Strontium  | 86-1  | 334398   | 334202   | 330062   | 332887   | 0.74   | cps   |
| Strontium  | 88-1  | 2927536  | 2921528  | 2889857  | 2912973  | 0.69   | cps   |
| Sulfur     | 34-1  | 1341756  | 1326727  | 1325608  | 1331364  | 0.68   | cps   |
| Terbium    | 159-1 | 14367719 | 14311466 | 14211317 | 14296834 | 0.55   | cps   |
| Terbium    | 159-2 | 8163259  | 8178803  | 8192017  | 8178026  | 0.18   | cps   |
| Thallium   | 203-1 | 308      | 250      | 367      | 308      | 18.92  | cps   |
| Thallium   | 205-1 | 600      | 683      | 725      | 670      | 9.51   | cps   |
| Tin        | 118-1 | 1408     | 1250     | 1475     | 1378     | 8.39   | cps   |
| Titanium   | 47-1  | 992      | 892      | 1033     | 972      | 7.49   | cps   |
| Uranium    | 238-1 | 658      | 667      | 567      | 631      | 8.80   | cps   |
| Vanadium   | 51-2  | 303      | 403      | 310      | 339      | 16.50  | cps   |
| Yttrium    | 89-1  | 11616899 | 11537673 | 11456868 | 11537147 | 0.69   | cps   |
| Yttrium    | 89-2  | 1859188  | 1866912  | 1884760  | 1870287  | 0.70   | cps   |
| Zinc       | 66-2  | 3126305  | 3144524  | 3143598  | 3138142  | 0.33   | cps   |
| Zirconium  | 90-1  | 1850     | 1850     | 1692     | 1797     | 5.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:10:46 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 392  | 433  | 408     | 5.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:14:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 333      | 333      | 300      | 322      | 5.97   | cps   |
| Antimony   | 121-1 | 2809     | 2834     | 2600     | 2748     | 4.66   | cps   |
| Arsenic    | 75-2  | 3475     | 3665     | 3647     | 3596     | 2.93   | cps   |
| Barium     | 135-1 | 76687    | 75463    | 74726    | 75625    | 1.31   | cps   |
| Barium     | 137-1 | 132249   | 130879   | 131594   | 131574   | 0.52   | cps   |
| Beryllium  | 9-1   | 111      | 139      | 89       | 113      | 22.18  | cps   |
| Bismuth    | 209-1 | 8716834  | 8624109  | 8483902  | 8608282  | 1.36   | cps   |
| Bismuth    | 209-2 | 6138204  | 6112182  | 6200531  | 6150306  | 0.74   | cps   |
| Boron      | 10-1  | 2567     | 2759     | 2800     | 2709     | 4.60   | cps   |
| Boron      | 11-1  | 13273    | 12656    | 11980    | 12636    | 5.12   | cps   |
| Cadmium    | 111-1 | 1684     | 1534     | 1635     | 1618     | 4.74   | cps   |
| Cadmium    | 106-1 | 4509     | 4059     | 4201     | 4256     | 5.41   | cps   |
| Cadmium    | 108-1 | 446      | 371      | 300      | 372      | 19.59  | cps   |
| Calcium    | 43-1  | 1215864  | 1202552  | 1191766  | 1203394  | 1.00   | cps   |
| Calcium    | 44-1  | 20057696 | 19764577 | 19732758 | 19851677 | 0.90   | cps   |
| Chromium   | 52-2  | 590      | 547      | 520      | 552      | 6.40   | cps   |
| Cobalt     | 59-2  | 36084    | 34938    | 35012    | 35345    | 1.82   | cps   |
| Copper     | 63-2  | 6261     | 5875     | 5958     | 6031     | 3.38   | cps   |
| Dysprosium | 156-1 | 275      | 208      | 200      | 228      | 18.05  | cps   |
| Dysprosium | 156-2 | 153      | 130      | 210      | 164      | 25.02  | cps   |
| Erbium     | 164-1 | 267      | 175      | 208      | 217      | 21.41  | cps   |
| Erbium     | 164-2 | 130      | 130      | 113      | 124      | 7.73   | cps   |
| Gadolinium | 160-1 | 417      | 292      | 367      | 358      | 17.56  | cps   |
| Gadolinium | 160-2 | 323      | 300      | 360      | 328      | 9.23   | cps   |
| Holmium    | 165-1 | 13935296 | 13882895 | 13777425 | 13865205 | 0.58   | cps   |
| Holmium    | 165-2 | 8256281  | 8212921  | 8287480  | 8252227  | 0.45   | cps   |
| Indium     | 115-1 | 11063864 | 11030653 | 10929973 | 11008163 | 0.63   | cps   |
| Indium     | 115-2 | 2464331  | 2459807  | 2469001  | 2464379  | 0.19   | cps   |
| Iron       | 56-2  | 17043273 | 16877891 | 17065448 | 16995537 | 0.60   | cps   |
| Iron       | 57-2  | 409519   | 409869   | 407740   | 409043   | 0.28   | cps   |
| Lead       | 206-1 | 2450     | 2823     | 2450     | 2574     | 8.35   | cps   |
| Lead       | 207-1 | 2295     | 2261     | 2356     | 2304     | 2.08   | cps   |
| Lead       | 208-1 | 10291    | 10507    | 10213    | 10337    | 1.48   | cps   |
| Lithium    | 6-1   | 3226730  | 3183514  | 3180779  | 3197008  | 0.81   | cps   |
| Magnesium  | 24-2  | 3349109  | 3337829  | 3351936  | 3346291  | 0.22   | cps   |
| Manganese  | 55-2  | 4800939  | 4756763  | 4826469  | 4794724  | 0.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:14:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1075     | 800      | 1108     | 995      | 17.02  | cps   |
| Molybdenum | 95-1  | 983      | 1083     | 975      | 1014     | 5.95   | cps   |
| Molybdenum | 96-1  | 1158     | 1208     | 1142     | 1170     | 2.97   | cps   |
| Molybdenum | 97-1  | 533      | 550      | 567      | 550      | 3.03   | cps   |
| Molybdenum | 98-1  | 1500     | 1292     | 1517     | 1436     | 8.73   | cps   |
| Neodymium  | 150-1 | 267      | 293      | 300      | 287      | 6.15   | cps   |
| Neodymium  | 150-2 | 147      | 113      | 107      | 122      | 17.53  | cps   |
| Nickel     | 60-2  | 10614    | 10551    | 10551    | 10572    | 0.35   | cps   |
| Phosphorus | 31-2  | 375      | 525      | 458      | 453      | 16.60  | cps   |
| Potassium  | 39-2  | 566868   | 561614   | 561101   | 563194   | 0.57   | cps   |
| Rhodium    | 103-1 | 10114639 | 10031415 | 9917293  | 10021116 | 0.99   | cps   |
| Rhodium    | 103-2 | 5163983  | 5134293  | 5196412  | 5164896  | 0.60   | cps   |
| Scandium   | 45-1  | 7012034  | 6875040  | 6834489  | 6907188  | 1.35   | cps   |
| Scandium   | 45-2  | 329518   | 328199   | 328883   | 328867   | 0.20   | cps   |
| Selenium   | 77-2  | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 72       | 69       | 78       | 73       | 6.40   | cps   |
| Selenium   | 82-1  | 100      | 44       | -7       | 46       | 117.48 | cps   |
| Silicon    | 28-1  | 32936651 | 32542460 | 32548832 | 32675981 | 0.69   | cps   |
| Silver     | 109-1 | 1367     | 1667     | 1492     | 1508     | 9.99   | cps   |
| Silver     | 107-1 | 1617     | 1675     | 1500     | 1597     | 5.58   | cps   |
| Sodium     | 23-2  | 6705424  | 6649745  | 6686444  | 6680537  | 0.42   | cps   |
| Strontium  | 86-1  | 352499   | 351482   | 349838   | 351273   | 0.38   | cps   |
| Strontium  | 88-1  | 3105006  | 3044263  | 3043705  | 3064325  | 1.15   | cps   |
| Sulfur     | 34-1  | 2619631  | 2609553  | 2578241  | 2602475  | 0.83   | cps   |
| Terbium    | 159-1 | 14452966 | 14254039 | 14156924 | 14287977 | 1.06   | cps   |
| Terbium    | 159-2 | 8123555  | 8151865  | 8217838  | 8164419  | 0.59   | cps   |
| Thallium   | 203-1 | 142      | 117      | 142      | 133      | 10.83  | cps   |
| Thallium   | 205-1 | 358      | 408      | 367      | 378      | 7.09   | cps   |
| Tin        | 118-1 | 1275     | 1442     | 1342     | 1353     | 6.20   | cps   |
| Titanium   | 47-1  | 733      | 708      | 683      | 708      | 3.53   | cps   |
| Uranium    | 238-1 | 225      | 292      | 275      | 264      | 13.15  | cps   |
| Vanadium   | 51-2  | 283      | 297      | 323      | 301      | 6.76   | cps   |
| Yttrium    | 89-1  | 11747448 | 11568863 | 11575232 | 11630514 | 0.87   | cps   |
| Yttrium    | 89-2  | 1863474  | 1862474  | 1882937  | 1869628  | 0.62   | cps   |
| Zinc       | 66-2  | 4167742  | 4148929  | 4189589  | 4168753  | 0.49   | cps   |
| Zirconium  | 90-1  | 883      | 992      | 1050     | 975      | 8.67   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:14:21 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 175  | 200  | 186     | 6.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:17:55 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 175      | 217      | 342      | 244      | 35.48  | cps   |
| Antimony   | 121-1 | 3167     | 2909     | 2817     | 2964     | 6.12   | cps   |
| Arsenic    | 75-2  | 126      | 104      | 107      | 112      | 10.60  | cps   |
| Barium     | 135-1 | 63613    | 64517    | 64459    | 64196    | 0.79   | cps   |
| Barium     | 137-1 | 111285   | 115275   | 113342   | 113301   | 1.76   | cps   |
| Beryllium  | 9-1   | 72       | 122      | 78       | 91       | 30.21  | cps   |
| Bismuth    | 209-1 | 8596076  | 8595783  | 8590790  | 8594216  | 0.03   | cps   |
| Bismuth    | 209-2 | 6259492  | 6380126  | 6411301  | 6350306  | 1.26   | cps   |
| Boron      | 10-1  | 3501     | 3225     | 3125     | 3284     | 5.92   | cps   |
| Boron      | 11-1  | 14816    | 14933    | 15242    | 14997    | 1.47   | cps   |
| Cadmium    | 111-1 | 16977    | 16484    | 16607    | 16689    | 1.54   | cps   |
| Cadmium    | 106-1 | 5310     | 4818     | 5226     | 5118     | 5.14   | cps   |
| Cadmium    | 108-1 | 1171     | 1088     | 1146     | 1135     | 3.77   | cps   |
| Calcium    | 43-1  | 821553   | 812515   | 815706   | 816591   | 0.56   | cps   |
| Calcium    | 44-1  | 13530340 | 13488713 | 13411462 | 13476838 | 0.45   | cps   |
| Chromium   | 52-2  | 793      | 753      | 740      | 762      | 3.64   | cps   |
| Cobalt     | 59-2  | 5891     | 5981     | 6178     | 6017     | 2.44   | cps   |
| Copper     | 63-2  | 7726     | 7849     | 7729     | 7768     | 0.91   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 25       | 56       | 48.22  | cps   |
| Dysprosium | 156-2 | 43       | 37       | 67       | 49       | 32.22  | cps   |
| Erbium     | 164-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Erbium     | 164-2 | 63       | 60       | 67       | 63       | 5.27   | cps   |
| Gadolinium | 160-1 | 83       | 142      | 83       | 103      | 32.76  | cps   |
| Gadolinium | 160-2 | 150      | 160      | 180      | 163      | 9.35   | cps   |
| Holmium    | 165-1 | 13738821 | 13834489 | 13688442 | 13753917 | 0.54   | cps   |
| Holmium    | 165-2 | 8354570  | 8477860  | 8466879  | 8433103  | 0.81   | cps   |
| Indium     | 115-1 | 11101540 | 10994847 | 11025331 | 11040573 | 0.50   | cps   |
| Indium     | 115-2 | 2498609  | 2536135  | 2534401  | 2523048  | 0.84   | cps   |
| Iron       | 56-2  | 46491    | 46000    | 47098    | 46530    | 1.18   | cps   |
| Iron       | 57-2  | 4323     | 4184     | 4217     | 4241     | 1.71   | cps   |
| Lead       | 206-1 | 2406     | 2306     | 2156     | 2289     | 5.50   | cps   |
| Lead       | 207-1 | 1872     | 1800     | 1728     | 1800     | 4.01   | cps   |
| Lead       | 208-1 | 9113     | 9052     | 8468     | 8877     | 4.01   | cps   |
| Lithium    | 6-1   | 3201283  | 3182992  | 3151490  | 3178588  | 0.79   | cps   |
| Magnesium  | 24-2  | 1935536  | 1949383  | 1962218  | 1949046  | 0.68   | cps   |
| Manganese  | 55-2  | 2514609  | 2546308  | 2560005  | 2540307  | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:17:55 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 558      | 467      | 592      | 539      | 12.01  | cps   |
| Molybdenum | 95-1  | 408      | 483      | 525      | 472      | 12.52  | cps   |
| Molybdenum | 96-1  | 575      | 542      | 433      | 517      | 14.34  | cps   |
| Molybdenum | 97-1  | 283      | 275      | 267      | 275      | 3.03   | cps   |
| Molybdenum | 98-1  | 525      | 750      | 658      | 644      | 17.56  | cps   |
| Neodymium  | 150-1 | 87       | 60       | 87       | 78       | 19.80  | cps   |
| Neodymium  | 150-2 | 13       | 40       | 47       | 33       | 52.92  | cps   |
| Nickel     | 60-2  | 4027     | 4134     | 3991     | 4051     | 1.84   | cps   |
| Phosphorus | 31-2  | 208      | 208      | 192      | 203      | 4.75   | cps   |
| Potassium  | 39-2  | 612267   | 621546   | 619856   | 617890   | 0.80   | cps   |
| Rhodium    | 103-1 | 10057618 | 10000736 | 9963425  | 10007260 | 0.47   | cps   |
| Rhodium    | 103-2 | 5203612  | 5303493  | 5324113  | 5277073  | 1.22   | cps   |
| Scandium   | 45-1  | 6886258  | 6838241  | 6842993  | 6855830  | 0.39   | cps   |
| Scandium   | 45-2  | 333826   | 334797   | 338926   | 335850   | 0.81   | cps   |
| Selenium   | 77-2  | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 72       | 63       | 87       | 74       | 16.40  | cps   |
| Selenium   | 82-1  | 14       | 62       | -21      | 18       | 229.08 | cps   |
| Silicon    | 28-1  | 25392643 | 25062423 | 25099700 | 25184922 | 0.72   | cps   |
| Silver     | 109-1 | 1333     | 1500     | 1492     | 1442     | 6.51   | cps   |
| Silver     | 107-1 | 1500     | 1500     | 1408     | 1470     | 3.60   | cps   |
| Sodium     | 23-2  | 1403010  | 1412305  | 1417220  | 1410845  | 0.51   | cps   |
| Strontium  | 86-1  | 227271   | 223877   | 224225   | 225124   | 0.83   | cps   |
| Strontium  | 88-1  | 1987391  | 1969773  | 1962708  | 1973291  | 0.64   | cps   |
| Sulfur     | 34-1  | 1656139  | 1653992  | 1640891  | 1650341  | 0.50   | cps   |
| Terbium    | 159-1 | 14256706 | 14184829 | 14210141 | 14217225 | 0.26   | cps   |
| Terbium    | 159-2 | 8244387  | 8334752  | 8319786  | 8299642  | 0.58   | cps   |
| Thallium   | 203-1 | 217      | 225      | 183      | 208      | 10.58  | cps   |
| Thallium   | 205-1 | 358      | 333      | 375      | 356      | 5.90   | cps   |
| Tin        | 118-1 | 1142     | 1075     | 1333     | 1183     | 11.33  | cps   |
| Titanium   | 47-1  | 625      | 683      | 625      | 644      | 5.23   | cps   |
| Uranium    | 238-1 | 992      | 917      | 658      | 856      | 20.44  | cps   |
| Vanadium   | 51-2  | 327      | 367      | 367      | 353      | 6.54   | cps   |
| Yttrium    | 89-1  | 11613314 | 11547099 | 11539643 | 11566686 | 0.35   | cps   |
| Yttrium    | 89-2  | 1882602  | 1896285  | 1923344  | 1900744  | 1.09   | cps   |
| Zinc       | 66-2  | 1031006  | 1040931  | 1046129  | 1039355  | 0.74   | cps   |
| Zirconium  | 90-1  | 800      | 758      | 758      | 772      | 3.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:17:55 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 117  | 250  | 192     | 35.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:21:28 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 300      | 233      | 175      | 236      | 26.49  | cps   |
| Antimony   | 121-1 | 1859     | 1800     | 1634     | 1764     | 6.62   | cps   |
| Arsenic    | 75-2  | 3923     | 3997     | 4038     | 3986     | 1.46   | cps   |
| Barium     | 135-1 | 98540    | 97305    | 97642    | 97829    | 0.65   | cps   |
| Barium     | 137-1 | 171832   | 168933   | 167431   | 169399   | 1.32   | cps   |
| Beryllium  | 9-1   | 133      | 144      | 144      | 141      | 4.56   | cps   |
| Bismuth    | 209-1 | 8849692  | 8925409  | 8865041  | 8880047  | 0.45   | cps   |
| Bismuth    | 209-2 | 6241957  | 6251765  | 6211719  | 6235147  | 0.33   | cps   |
| Boron      | 10-1  | 2234     | 2500     | 2525     | 2420     | 6.68   | cps   |
| Boron      | 11-1  | 11547    | 11947    | 12189    | 11894    | 2.73   | cps   |
| Cadmium    | 111-1 | 1464     | 1447     | 1469     | 1460     | 0.78   | cps   |
| Cadmium    | 106-1 | 3609     | 3584     | 3634     | 3609     | 0.69   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 4        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 1151667  | 1146971  | 1138225  | 1145621  | 0.60   | cps   |
| Calcium    | 44-1  | 19136582 | 18870858 | 18793802 | 18933747 | 0.95   | cps   |
| Chromium   | 52-2  | 670      | 657      | 660      | 662      | 1.05   | cps   |
| Cobalt     | 59-2  | 13757    | 14037    | 14374    | 14056    | 2.20   | cps   |
| Copper     | 63-2  | 6011     | 6341     | 6038     | 6130     | 2.99   | cps   |
| Dysprosium | 156-1 | 217      | 150      | 142      | 169      | 24.26  | cps   |
| Dysprosium | 156-2 | 130      | 83       | 103      | 106      | 22.18  | cps   |
| Erbium     | 164-1 | 217      | 242      | 200      | 219      | 9.56   | cps   |
| Erbium     | 164-2 | 127      | 100      | 130      | 119      | 13.83  | cps   |
| Gadolinium | 160-1 | 375      | 383      | 275      | 344      | 17.50  | cps   |
| Gadolinium | 160-2 | 263      | 257      | 257      | 259      | 1.49   | cps   |
| Holmium    | 165-1 | 14213411 | 14112426 | 13978929 | 14101589 | 0.83   | cps   |
| Holmium    | 165-2 | 8304852  | 8195275  | 8200926  | 8233684  | 0.75   | cps   |
| Indium     | 115-1 | 11156649 | 11141068 | 11055919 | 11117879 | 0.49   | cps   |
| Indium     | 115-2 | 2434633  | 2438973  | 2413154  | 2428920  | 0.57   | cps   |
| Iron       | 56-2  | 47758971 | 47450089 | 47332033 | 47513697 | 0.46   | cps   |
| Iron       | 57-2  | 1142275  | 1137835  | 1139111  | 1139741  | 0.20   | cps   |
| Lead       | 206-1 | 1467     | 1795     | 1417     | 1559     | 13.16  | cps   |
| Lead       | 207-1 | 1295     | 1328     | 1261     | 1295     | 2.58   | cps   |
| Lead       | 208-1 | 5912     | 6295     | 5651     | 5953     | 5.45   | cps   |
| Lithium    | 6-1   | 3178559  | 3188606  | 3177112  | 3181426  | 0.20   | cps   |
| Magnesium  | 24-2  | 2768201  | 2730773  | 2714024  | 2737666  | 1.01   | cps   |
| Manganese  | 55-2  | 2199975  | 2178951  | 2179455  | 2186127  | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:21:28 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2600     | 2334     | 2325     | 2420     | 6.47   | cps   |
| Molybdenum | 95-1  | 3000     | 3042     | 3034     | 3025     | 0.73   | cps   |
| Molybdenum | 96-1  | 3667     | 3667     | 3784     | 3706     | 1.82   | cps   |
| Molybdenum | 97-1  | 1842     | 1700     | 1859     | 1800     | 4.83   | cps   |
| Molybdenum | 98-1  | 4643     | 4534     | 4468     | 4548     | 1.94   | cps   |
| Neodymium  | 150-1 | 140      | 213      | 193      | 182      | 20.80  | cps   |
| Neodymium  | 150-2 | 110      | 83       | 67       | 87       | 25.22  | cps   |
| Nickel     | 60-2  | 893      | 800      | 923      | 872      | 7.37   | cps   |
| Phosphorus | 31-2  | 900      | 750      | 900      | 850      | 10.19  | cps   |
| Potassium  | 39-2  | 533646   | 526036   | 519414   | 526365   | 1.35   | cps   |
| Rhodium    | 103-1 | 10172452 | 10134422 | 9985651  | 10097508 | 0.98   | cps   |
| Rhodium    | 103-2 | 5098350  | 5100428  | 5065536  | 5088105  | 0.38   | cps   |
| Scandium   | 45-1  | 6881282  | 6880384  | 6817705  | 6859791  | 0.53   | cps   |
| Scandium   | 45-2  | 319612   | 318262   | 317615   | 318496   | 0.32   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 70       | 50       | 87       | 69       | 26.83  | cps   |
| Selenium   | 82-1  | 47       | 34       | -50      | 10       | 513.83 | cps   |
| Silicon    | 28-1  | 50434141 | 49884121 | 49565139 | 49961133 | 0.88   | cps   |
| Silver     | 109-1 | 1475     | 1283     | 1450     | 1403     | 7.43   | cps   |
| Silver     | 107-1 | 1442     | 1317     | 1433     | 1397     | 5.00   | cps   |
| Sodium     | 23-2  | 2551885  | 2537674  | 2525777  | 2538446  | 0.51   | cps   |
| Strontium  | 86-1  | 301504   | 291705   | 292259   | 295156   | 1.87   | cps   |
| Strontium  | 88-1  | 2607637  | 2589664  | 2587671  | 2594991  | 0.42   | cps   |
| Sulfur     | 34-1  | 1830487  | 1813195  | 1799064  | 1814249  | 0.87   | cps   |
| Terbium    | 159-1 | 14445555 | 14540638 | 14466894 | 14484362 | 0.34   | cps   |
| Terbium    | 159-2 | 8152427  | 8130017  | 8053783  | 8112076  | 0.64   | cps   |
| Thallium   | 203-1 | 167      | 67       | 158      | 131      | 42.50  | cps   |
| Thallium   | 205-1 | 242      | 300      | 350      | 297      | 18.24  | cps   |
| Tin        | 118-1 | 1233     | 1500     | 1233     | 1322     | 11.64  | cps   |
| Titanium   | 47-1  | 1042     | 983      | 975      | 1000     | 3.63   | cps   |
| Uranium    | 238-1 | 317      | 308      | 383      | 336      | 12.23  | cps   |
| Vanadium   | 51-2  | 437      | 403      | 493      | 444      | 10.24  | cps   |
| Yttrium    | 89-1  | 11638016 | 11614476 | 11533813 | 11595435 | 0.47   | cps   |
| Yttrium    | 89-2  | 1837452  | 1827148  | 1813975  | 1826192  | 0.64   | cps   |
| Zinc       | 66-2  | 30689    | 30813    | 31197    | 30899    | 0.86   | cps   |
| Zirconium  | 90-1  | 2009     | 2042     | 1967     | 2006     | 1.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:21:28 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 433  | 442  | 358  | 411     | 11.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:25:01 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 14858    | 15471    | 14733    | 15021    | 2.63   | cps   |
| Antimony   | 121-1 | 18137    | 17612    | 17495    | 17748    | 1.93   | cps   |
| Arsenic    | 75-2  | 632      | 611      | 685      | 643      | 5.96   | cps   |
| Barium     | 135-1 | 78128    | 78790    | 78388    | 78435    | 0.43   | cps   |
| Barium     | 137-1 | 135766   | 138056   | 133814   | 135879   | 1.56   | cps   |
| Beryllium  | 9-1   | 144      | 200      | 189      | 178      | 16.54  | cps   |
| Bismuth    | 209-1 | 8903295  | 8936454  | 8833986  | 8891245  | 0.59   | cps   |
| Bismuth    | 209-2 | 6400317  | 6345682  | 5862448  | 6202816  | 4.77   | cps   |
| Boron      | 10-1  | 2984     | 2684     | 3334     | 3000     | 10.85  | cps   |
| Boron      | 11-1  | 13456    | 13557    | 13573    | 13529    | 0.47   | cps   |
| Cadmium    | 111-1 | 7506     | 7506     | 7337     | 7449     | 1.31   | cps   |
| Cadmium    | 106-1 | 4109     | 4343     | 4276     | 4243     | 2.83   | cps   |
| Cadmium    | 108-1 | 442      | 508      | 396      | 449      | 12.61  | cps   |
| Calcium    | 43-1  | 241812   | 238731   | 238052   | 239532   | 0.84   | cps   |
| Calcium    | 44-1  | 4011913  | 3943372  | 3894010  | 3949765  | 1.50   | cps   |
| Chromium   | 52-2  | 1920     | 2160     | 1994     | 2025     | 6.08   | cps   |
| Cobalt     | 59-2  | 3647     | 3487     | 3671     | 3602     | 2.77   | cps   |
| Copper     | 63-2  | 19880    | 20237    | 20511    | 20210    | 1.57   | cps   |
| Dysprosium | 156-1 | 650      | 742      | 658      | 683      | 7.42   | cps   |
| Dysprosium | 156-2 | 407      | 393      | 490      | 430      | 12.18  | cps   |
| Erbium     | 164-1 | 583      | 633      | 683      | 633      | 7.89   | cps   |
| Erbium     | 164-2 | 407      | 380      | 397      | 394      | 3.41   | cps   |
| Gadolinium | 160-1 | 858      | 767      | 858      | 828      | 6.39   | cps   |
| Gadolinium | 160-2 | 530      | 503      | 570      | 534      | 6.28   | cps   |
| Holmium    | 165-1 | 14097916 | 14017236 | 13769418 | 13961523 | 1.23   | cps   |
| Holmium    | 165-2 | 8372898  | 8335234  | 7643967  | 8117366  | 5.06   | cps   |
| Indium     | 115-1 | 11292901 | 11273887 | 11214396 | 11260395 | 0.36   | cps   |
| Indium     | 115-2 | 2490131  | 2492044  | 2294804  | 2425660  | 4.67   | cps   |
| Iron       | 56-2  | 1505507  | 1477931  | 1499190  | 1494210  | 0.97   | cps   |
| Iron       | 57-2  | 37087    | 37977    | 38184    | 37749    | 1.54   | cps   |
| Lead       | 206-1 | 673924   | 668571   | 666680   | 669725   | 0.56   | cps   |
| Lead       | 207-1 | 637878   | 626603   | 621388   | 628623   | 1.34   | cps   |
| Lead       | 208-1 | 2812053  | 2779686  | 2749304  | 2780348  | 1.13   | cps   |
| Lithium    | 6-1   | 3206012  | 3201150  | 3160026  | 3189063  | 0.79   | cps   |
| Magnesium  | 24-2  | 526553   | 522978   | 531343   | 526958   | 0.80   | cps   |
| Manganese  | 55-2  | 143094   | 142630   | 143660   | 143128   | 0.36   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:25:01 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1658     | 1767     | 1884     | 1770     | 6.36   | cps   |
| Molybdenum | 95-1  | 558      | 467      | 525      | 517      | 8.98   | cps   |
| Molybdenum | 96-1  | 667      | 1427     | 808      | 967      | 41.80  | cps   |
| Molybdenum | 97-1  | 275      | 400      | 317      | 331      | 19.25  | cps   |
| Molybdenum | 98-1  | 875      | 683      | 592      | 717      | 20.17  | cps   |
| Neodymium  | 150-1 | 793      | 867      | 840      | 833      | 4.45   | cps   |
| Neodymium  | 150-2 | 440      | 470      | 460      | 457      | 3.34   | cps   |
| Nickel     | 60-2  | 2754     | 2737     | 2837     | 2776     | 1.93   | cps   |
| Phosphorus | 31-2  | 192      | 317      | 292      | 267      | 24.80  | cps   |
| Potassium  | 39-2  | 338229   | 340081   | 341934   | 340081   | 0.54   | cps   |
| Rhodium    | 103-1 | 10326443 | 10387364 | 10174389 | 10296065 | 1.07   | cps   |
| Rhodium    | 103-2 | 5258320  | 5228641  | 4799746  | 5095569  | 5.04   | cps   |
| Scandium   | 45-1  | 6986072  | 6895538  | 6856265  | 6912625  | 0.96   | cps   |
| Scandium   | 45-2  | 326393   | 326039   | 299844   | 317425   | 4.80   | cps   |
| Selenium   | 77-2  | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 52       | 76       | 74       | 67       | 19.91  | cps   |
| Selenium   | 82-1  | -15      | -13      | 81       | 18       | 308.33 | cps   |
| Silicon    | 28-1  | 42520857 | 42322451 | 41722426 | 42188578 | 0.99   | cps   |
| Silver     | 109-1 | 4026     | 3992     | 4059     | 4026     | 0.83   | cps   |
| Silver     | 107-1 | 4159     | 4109     | 4376     | 4215     | 3.36   | cps   |
| Sodium     | 23-2  | 839474   | 835631   | 841533   | 838880   | 0.36   | cps   |
| Strontium  | 86-1  | 136778   | 134501   | 131457   | 134245   | 1.99   | cps   |
| Strontium  | 88-1  | 1177212  | 1169527  | 1157271  | 1168003  | 0.86   | cps   |
| Sulfur     | 34-1  | 629056   | 622413   | 607825   | 619765   | 1.75   | cps   |
| Terbium    | 159-1 | 14640385 | 14621494 | 14379416 | 14547098 | 1.00   | cps   |
| Terbium    | 159-2 | 8303773  | 8205826  | 7551886  | 8020495  | 5.10   | cps   |
| Thallium   | 203-1 | 592      | 417      | 308      | 439      | 32.58  | cps   |
| Thallium   | 205-1 | 883      | 1042     | 767      | 897      | 15.38  | cps   |
| Tin        | 118-1 | 1775     | 2150     | 2084     | 2003     | 9.99   | cps   |
| Titanium   | 47-1  | 10972    | 10496    | 11046    | 10838    | 2.75   | cps   |
| Uranium    | 238-1 | 1567     | 1333     | 1258     | 1386     | 11.60  | cps   |
| Vanadium   | 51-2  | 1363     | 1513     | 1413     | 1430     | 5.34   | cps   |
| Yttrium    | 89-1  | 11812476 | 11755982 | 11603069 | 11723842 | 0.92   | cps   |
| Yttrium    | 89-2  | 1861554  | 1870161  | 1714866  | 1815527  | 4.81   | cps   |
| Zinc       | 66-2  | 283551   | 281190   | 284806   | 283182   | 0.65   | cps   |
| Zirconium  | 90-1  | 4359     | 3951     | 4526     | 4279     | 6.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:25:01 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 992  | 725  | 1075 | 931     | 19.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:28:34 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4109     | 4426     | 3967     | 4167     | 5.63   | cps   |
| Antimony   | 121-1 | 3959     | 3976     | 4259     | 4065     | 4.15   | cps   |
| Arsenic    | 75-2  | 207      | 209      | 226      | 214      | 4.76   | cps   |
| Barium     | 135-1 | 58164    | 58415    | 58407    | 58329    | 0.24   | cps   |
| Barium     | 137-1 | 101813   | 98733    | 101285   | 100610   | 1.64   | cps   |
| Beryllium  | 9-1   | 89       | 89       | 67       | 81       | 15.74  | cps   |
| Bismuth    | 209-1 | 8745812  | 8832706  | 8791828  | 8790115  | 0.49   | cps   |
| Bismuth    | 209-2 | 6403313  | 6381788  | 6358387  | 6381163  | 0.35   | cps   |
| Boron      | 10-1  | 1025     | 1050     | 1308     | 1128     | 13.91  | cps   |
| Boron      | 11-1  | 5334     | 5218     | 5351     | 5301     | 1.37   | cps   |
| Cadmium    | 111-1 | 2204     | 2139     | 2151     | 2165     | 1.62   | cps   |
| Cadmium    | 106-1 | 3726     | 3517     | 3692     | 3645     | 3.07   | cps   |
| Cadmium    | 108-1 | 79       | 46       | 96       | 74       | 34.59  | cps   |
| Calcium    | 43-1  | 1766843  | 1746239  | 1759658  | 1757580  | 0.60   | cps   |
| Calcium    | 44-1  | 29113779 | 29079318 | 28883033 | 29025377 | 0.43   | cps   |
| Chromium   | 52-2  | 603      | 600      | 610      | 604      | 0.84   | cps   |
| Cobalt     | 59-2  | 2607     | 2604     | 2760     | 2657     | 3.37   | cps   |
| Copper     | 63-2  | 12222    | 12139    | 12172    | 12177    | 0.34   | cps   |
| Dysprosium | 156-1 | 117      | 142      | 200      | 153      | 27.99  | cps   |
| Dysprosium | 156-2 | 100      | 60       | 90       | 83       | 24.98  | cps   |
| Erbium     | 164-1 | 150      | 208      | 158      | 172      | 18.32  | cps   |
| Erbium     | 164-2 | 77       | 63       | 63       | 68       | 11.36  | cps   |
| Gadolinium | 160-1 | 142      | 200      | 208      | 183      | 19.81  | cps   |
| Gadolinium | 160-2 | 273      | 193      | 187      | 218      | 22.15  | cps   |
| Holmium    | 165-1 | 13877127 | 13922753 | 13874457 | 13891446 | 0.20   | cps   |
| Holmium    | 165-2 | 8509002  | 8430337  | 8412615  | 8450651  | 0.61   | cps   |
| Indium     | 115-1 | 11108276 | 11156944 | 11108136 | 11124452 | 0.25   | cps   |
| Indium     | 115-2 | 2509882  | 2506042  | 2487724  | 2501216  | 0.47   | cps   |
| Iron       | 56-2  | 693630   | 693689   | 693747   | 693688   | 0.01   | cps   |
| Iron       | 57-2  | 23141    | 23797    | 23469    | 23469    | 1.40   | cps   |
| Lead       | 206-1 | 24918    | 24356    | 24707    | 24660    | 1.15   | cps   |
| Lead       | 207-1 | 22731    | 23605    | 22959    | 23098    | 1.96   | cps   |
| Lead       | 208-1 | 103071   | 103025   | 102395   | 102830   | 0.37   | cps   |
| Lithium    | 6-1   | 3139638  | 3159653  | 3136057  | 3145116  | 0.40   | cps   |
| Magnesium  | 24-2  | 2364308  | 2356137  | 2348355  | 2356266  | 0.34   | cps   |
| Manganese  | 55-2  | 370260   | 371639   | 370557   | 370819   | 0.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:28:34 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 583      | 667      | 667      | 12.52  | cps   |
| Molybdenum | 95-1  | 317      | 333      | 483      | 378      | 24.30  | cps   |
| Molybdenum | 96-1  | 600      | 467      | 583      | 550      | 13.21  | cps   |
| Molybdenum | 97-1  | 225      | 292      | 267      | 261      | 12.90  | cps   |
| Molybdenum | 98-1  | 492      | 625      | 625      | 581      | 13.26  | cps   |
| Neodymium  | 150-1 | 207      | 187      | 207      | 200      | 5.77   | cps   |
| Neodymium  | 150-2 | 97       | 107      | 57       | 87       | 30.53  | cps   |
| Nickel     | 60-2  | 1153     | 1133     | 1060     | 1116     | 4.40   | cps   |
| Phosphorus | 31-2  | 200      | 233      | 192      | 208      | 10.58  | cps   |
| Potassium  | 39-2  | 623093   | 622286   | 622668   | 622682   | 0.06   | cps   |
| Rhodium    | 103-1 | 10022683 | 10064871 | 10050156 | 10045903 | 0.21   | cps   |
| Rhodium    | 103-2 | 5228549  | 5253042  | 5210808  | 5230800  | 0.41   | cps   |
| Scandium   | 45-1  | 6872851  | 6875374  | 6819975  | 6856067  | 0.46   | cps   |
| Scandium   | 45-2  | 328959   | 328796   | 328877   | 328877   | 0.02   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 69       | 61       | 76       | 69       | 10.81  | cps   |
| Selenium   | 82-1  | -42      | 57       | 92       | 35       | 196.45 | cps   |
| Silicon    | 28-1  | 32659334 | 32404692 | 32674311 | 32579446 | 0.47   | cps   |
| Silver     | 109-1 | 1267     | 1342     | 1192     | 1267     | 5.92   | cps   |
| Silver     | 107-1 | 1350     | 1500     | 1425     | 1425     | 5.26   | cps   |
| Sodium     | 23-2  | 733706   | 730308   | 730838   | 731618   | 0.25   | cps   |
| Strontium  | 86-1  | 405029   | 402799   | 402558   | 403462   | 0.34   | cps   |
| Strontium  | 88-1  | 3564165  | 3533071  | 3545226  | 3547487  | 0.44   | cps   |
| Sulfur     | 34-1  | 2423362  | 2394024  | 2417605  | 2411664  | 0.64   | cps   |
| Terbium    | 159-1 | 14465297 | 14459372 | 14488293 | 14470987 | 0.11   | cps   |
| Terbium    | 159-2 | 8333750  | 8297061  | 8269192  | 8300001  | 0.39   | cps   |
| Thallium   | 203-1 | 300      | 233      | 342      | 292      | 18.74  | cps   |
| Thallium   | 205-1 | 692      | 600      | 500      | 597      | 16.05  | cps   |
| Tin        | 118-1 | 1367     | 1517     | 1267     | 1383     | 9.10   | cps   |
| Titanium   | 47-1  | 925      | 983      | 742      | 883      | 14.28  | cps   |
| Uranium    | 238-1 | 3959     | 3801     | 3792     | 3851     | 2.44   | cps   |
| Vanadium   | 51-2  | 353      | 380      | 370      | 368      | 3.66   | cps   |
| Yttrium    | 89-1  | 11599706 | 11598349 | 11575573 | 11591209 | 0.12   | cps   |
| Yttrium    | 89-2  | 1889273  | 1880702  | 1870317  | 1880097  | 0.50   | cps   |
| Zinc       | 66-2  | 32460    | 32239    | 31731    | 32143    | 1.16   | cps   |
| Zirconium  | 90-1  | 1058     | 1133     | 942      | 1045     | 9.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:28:34 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 167  | 208  | 214     | 23.48  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:32:07 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4326     | 3951     | 4017     | 4098     | 4.88   | cps   |
| Antimony   | 121-1 | 4076     | 4017     | 3826     | 3973     | 3.29   | cps   |
| Arsenic    | 75-2  | 244      | 219      | 233      | 232      | 5.60   | cps   |
| Barium     | 135-1 | 58624    | 57838    | 57587    | 58016    | 0.93   | cps   |
| Barium     | 137-1 | 102258   | 101033   | 100110   | 101134   | 1.07   | cps   |
| Beryllium  | 9-1   | 144      | 111      | 100      | 119      | 19.52  | cps   |
| Bismuth    | 209-1 | 8997853  | 8908690  | 8854212  | 8920252  | 0.81   | cps   |
| Bismuth    | 209-2 | 6375993  | 6454762  | 6484980  | 6438579  | 0.87   | cps   |
| Boron      | 10-1  | 1075     | 1083     | 1033     | 1064     | 2.52   | cps   |
| Boron      | 11-1  | 5318     | 5093     | 5168     | 5193     | 2.21   | cps   |
| Cadmium    | 111-1 | 2164     | 2202     | 2038     | 2134     | 4.03   | cps   |
| Cadmium    | 106-1 | 3976     | 3801     | 3517     | 3765     | 6.15   | cps   |
| Cadmium    | 108-1 | 67       | 88       | 79       | 78       | 13.48  | cps   |
| Calcium    | 43-1  | 1758056  | 1731561  | 1738981  | 1742866  | 0.78   | cps   |
| Calcium    | 44-1  | 28991008 | 28570136 | 28655508 | 28738884 | 0.77   | cps   |
| Chromium   | 52-2  | 883      | 883      | 843      | 870      | 2.65   | cps   |
| Cobalt     | 59-2  | 2494     | 2744     | 2597     | 2611     | 4.81   | cps   |
| Copper     | 63-2  | 12395    | 12365    | 12746    | 12502    | 1.69   | cps   |
| Dysprosium | 156-1 | 125      | 158      | 167      | 150      | 14.70  | cps   |
| Dysprosium | 156-2 | 70       | 93       | 40       | 68       | 39.45  | cps   |
| Erbium     | 164-1 | 192      | 67       | 150      | 136      | 46.76  | cps   |
| Erbium     | 164-2 | 67       | 47       | 67       | 60       | 19.24  | cps   |
| Gadolinium | 160-1 | 258      | 225      | 192      | 225      | 14.81  | cps   |
| Gadolinium | 160-2 | 257      | 313      | 243      | 271      | 13.71  | cps   |
| Holmium    | 165-1 | 14260804 | 14152391 | 14036298 | 14149831 | 0.79   | cps   |
| Holmium    | 165-2 | 8495650  | 8509029  | 8490948  | 8498542  | 0.11   | cps   |
| Indium     | 115-1 | 11329314 | 11287190 | 11196052 | 11270852 | 0.60   | cps   |
| Indium     | 115-2 | 2492924  | 2531243  | 2508723  | 2510963  | 0.77   | cps   |
| Iron       | 56-2  | 672336   | 680002   | 685521   | 679286   | 0.97   | cps   |
| Iron       | 57-2  | 22084    | 22290    | 23069    | 22481    | 2.31   | cps   |
| Lead       | 206-1 | 27390    | 26833    | 26560    | 26928    | 1.57   | cps   |
| Lead       | 207-1 | 25325    | 24735    | 25252    | 25104    | 1.28   | cps   |
| Lead       | 208-1 | 112102   | 110420   | 111290   | 111271   | 0.76   | cps   |
| Lithium    | 6-1   | 3201505  | 3166323  | 3154168  | 3173999  | 0.77   | cps   |
| Magnesium  | 24-2  | 2284267  | 2298399  | 2309261  | 2297309  | 0.55   | cps   |
| Manganese  | 55-2  | 365040   | 367267   | 366796   | 366368   | 0.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:32:07 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 475      | 475      | 675      | 542      | 21.32  | cps   |
| Molybdenum | 95-1  | 350      | 367      | 275      | 331      | 14.77  | cps   |
| Molybdenum | 96-1  | 467      | 408      | 408      | 428      | 7.87   | cps   |
| Molybdenum | 97-1  | 217      | 192      | 275      | 228      | 18.77  | cps   |
| Molybdenum | 98-1  | 625      | 508      | 642      | 592      | 12.28  | cps   |
| Neodymium  | 150-1 | 220      | 173      | 207      | 200      | 12.02  | cps   |
| Neodymium  | 150-2 | 73       | 73       | 83       | 77       | 7.54   | cps   |
| Nickel     | 60-2  | 1103     | 1103     | 1017     | 1075     | 4.66   | cps   |
| Phosphorus | 31-2  | 217      | 200      | 158      | 192      | 15.68  | cps   |
| Potassium  | 39-2  | 603855   | 604664   | 607036   | 605185   | 0.27   | cps   |
| Rhodium    | 103-1 | 10229359 | 10234348 | 10088194 | 10183967 | 0.81   | cps   |
| Rhodium    | 103-2 | 5223523  | 5244487  | 5233119  | 5233710  | 0.20   | cps   |
| Scandium   | 45-1  | 7005043  | 6921651  | 6858978  | 6928557  | 1.06   | cps   |
| Scandium   | 45-2  | 328658   | 327815   | 329410   | 328628   | 0.24   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 65       | 54       | 67       | 62       | 11.36  | cps   |
| Selenium   | 82-1  | 44       | 54       | 5        | 34       | 74.78  | cps   |
| Silicon    | 28-1  | 32726258 | 32454667 | 32530018 | 32570315 | 0.43   | cps   |
| Silver     | 109-1 | 1225     | 1325     | 1325     | 1292     | 4.47   | cps   |
| Silver     | 107-1 | 1175     | 1217     | 1442     | 1278     | 11.23  | cps   |
| Sodium     | 23-2  | 718376   | 722158   | 723610   | 721381   | 0.37   | cps   |
| Strontium  | 86-1  | 406892   | 401867   | 404191   | 404317   | 0.62   | cps   |
| Strontium  | 88-1  | 3572691  | 3523524  | 3524053  | 3540089  | 0.80   | cps   |
| Sulfur     | 34-1  | 2469434  | 2429024  | 2434241  | 2444233  | 0.90   | cps   |
| Terbium    | 159-1 | 14760101 | 14755684 | 14572470 | 14696085 | 0.73   | cps   |
| Terbium    | 159-2 | 8394293  | 8306193  | 8336369  | 8345618  | 0.54   | cps   |
| Thallium   | 203-1 | 175      | 167      | 158      | 167      | 5.00   | cps   |
| Thallium   | 205-1 | 300      | 425      | 308      | 344      | 20.29  | cps   |
| Tin        | 118-1 | 1275     | 1208     | 1367     | 1283     | 6.19   | cps   |
| Titanium   | 47-1  | 842      | 858      | 925      | 875      | 5.04   | cps   |
| Uranium    | 238-1 | 3834     | 3934     | 3726     | 3831     | 2.72   | cps   |
| Vanadium   | 51-2  | 420      | 433      | 527      | 460      | 12.63  | cps   |
| Yttrium    | 89-1  | 11828882 | 11682358 | 11626414 | 11712551 | 0.89   | cps   |
| Yttrium    | 89-2  | 1885957  | 1886557  | 1874285  | 1882267  | 0.37   | cps   |
| Zinc       | 66-2  | 31718    | 31882    | 31678    | 31759    | 0.34   | cps   |
| Zirconium  | 90-1  | 1083     | 1142     | 975      | 1067     | 7.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:32:07 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 242  | 233  | 225     | 9.80   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 14:35:40 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3416312   | 3422091   | 3443664   | 3427356   | 0.42   | cps   |
| Antimony   | 121-1 | 3621209   | 3597752   | 3571329   | 3596763   | 0.69   | cps   |
| Arsenic    | 75-2  | 133145    | 134907    | 134950    | 134334    | 0.77   | cps   |
| Barium     | 135-1 | 4436865   | 4393027   | 4337930   | 4389274   | 1.13   | cps   |
| Barium     | 137-1 | 7827561   | 7789441   | 7639809   | 7752270   | 1.28   | cps   |
| Beryllium  | 9-1   | 815657    | 818398    | 809368    | 814475    | 0.57   | cps   |
| Bismuth    | 209-1 | 7797959   | 7878795   | 7832922   | 7836558   | 0.52   | cps   |
| Bismuth    | 209-2 | 5551203   | 5608809   | 5602854   | 5587622   | 0.57   | cps   |
| Boron      | 10-1  | 89960     | 91987     | 91576     | 91174     | 1.18   | cps   |
| Boron      | 11-1  | 417124    | 426436    | 426929    | 423497    | 1.30   | cps   |
| Cadmium    | 111-1 | 812826    | 812442    | 809578    | 811616    | 0.22   | cps   |
| Cadmium    | 106-1 | 93801     | 93759     | 92551     | 93370     | 0.76   | cps   |
| Cadmium    | 108-1 | 61675     | 61734     | 60939     | 61449     | 0.72   | cps   |
| Calcium    | 43-1  | 5080731   | 5071031   | 5036463   | 5062742   | 0.46   | cps   |
| Calcium    | 44-1  | 83084958  | 82421135  | 82067141  | 82524412  | 0.63   | cps   |
| Chromium   | 52-2  | 1137169   | 1150258   | 1154119   | 1147182   | 0.77   | cps   |
| Cobalt     | 59-2  | 1747695   | 1743684   | 1752845   | 1748074   | 0.26   | cps   |
| Copper     | 63-2  | 2397252   | 2409009   | 2414046   | 2406769   | 0.36   | cps   |
| Dysprosium | 156-1 | 100       | 83        | 125       | 103       | 20.41  | cps   |
| Dysprosium | 156-2 | 70        | 63        | 100       | 78        | 25.11  | cps   |
| Erbium     | 164-1 | 50        | 142       | 50        | 81        | 65.70  | cps   |
| Erbium     | 164-2 | 27        | 43        | 33        | 34        | 24.35  | cps   |
| Gadolinium | 160-1 | 142       | 100       | 108       | 117       | 18.89  | cps   |
| Gadolinium | 160-2 | 160       | 163       | 97        | 140       | 26.83  | cps   |
| Holmium    | 165-1 | 13149535  | 13185319  | 13105699  | 13146851  | 0.30   | cps   |
| Holmium    | 165-2 | 7840387   | 7889333   | 7859377   | 7863032   | 0.31   | cps   |
| Indium     | 115-1 | 9818377   | 9872835   | 9691336   | 9794183   | 0.95   | cps   |
| Indium     | 115-2 | 2183250   | 2207606   | 2207487   | 2199448   | 0.64   | cps   |
| Iron       | 56-2  | 225803183 | 229798544 | 228443111 | 228014946 | 0.89   | cps   |
| Iron       | 57-2  | 5568409   | 5592608   | 5609353   | 5590123   | 0.37   | cps   |
| Lead       | 206-1 | 2614773   | 2640371   | 2599806   | 2618317   | 0.78   | cps   |
| Lead       | 207-1 | 2353000   | 2387495   | 2360609   | 2367035   | 0.77   | cps   |
| Lead       | 208-1 | 10684152  | 10795076  | 10720035  | 10733088  | 0.53   | cps   |
| Lithium    | 6-1   | 2736592   | 2746364   | 2723148   | 2735368   | 0.43   | cps   |
| Magnesium  | 24-2  | 37887389  | 37924365  | 38169031  | 37993595  | 0.40   | cps   |
| Manganese  | 55-2  | 1263790   | 1281981   | 1285873   | 1277215   | 0.92   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 14:35:40 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7218764  | 7160623  | 7077269  | 7152219  | 0.99   | cps   |
| Molybdenum | 95-1  | 8803812  | 8753467  | 8736815  | 8764698  | 0.40   | cps   |
| Molybdenum | 96-1  | 9740495  | 9736576  | 9683535  | 9720202  | 0.33   | cps   |
| Molybdenum | 97-1  | 5420926  | 5376993  | 5365151  | 5387690  | 0.55   | cps   |
| Molybdenum | 98-1  | 14125063 | 14040925 | 13933455 | 14033148 | 0.68   | cps   |
| Neodymium  | 150-1 | 373      | 260      | 360      | 331      | 18.71  | cps   |
| Neodymium  | 150-2 | 63       | 40       | 57       | 53       | 22.53  | cps   |
| Nickel     | 60-2  | 463915   | 467649   | 464205   | 465256   | 0.45   | cps   |
| Phosphorus | 31-2  | 38492    | 38350    | 38326    | 38389    | 0.23   | cps   |
| Potassium  | 39-2  | 19946925 | 20116328 | 20147866 | 20070373 | 0.54   | cps   |
| Rhodium    | 103-1 | 8804653  | 8807804  | 8757728  | 8790062  | 0.32   | cps   |
| Rhodium    | 103-2 | 4525205  | 4575200  | 4561295  | 4553900  | 0.57   | cps   |
| Scandium   | 45-1  | 6345478  | 6321461  | 6298573  | 6321838  | 0.37   | cps   |
| Scandium   | 45-2  | 297958   | 303928   | 301236   | 301041   | 0.99   | cps   |
| Selenium   | 77-2  | 2680     | 2867     | 2460     | 2669     | 7.63   | cps   |
| Selenium   | 78-2  | 9051     | 9199     | 9277     | 9176     | 1.25   | cps   |
| Selenium   | 82-1  | 50807    | 50736    | 50550    | 50698    | 0.26   | cps   |
| Silicon    | 28-1  | 2920262  | 2929371  | 2907554  | 2919062  | 0.38   | cps   |
| Silver     | 109-1 | 3860221  | 3863237  | 3851250  | 3858236  | 0.16   | cps   |
| Silver     | 107-1 | 4011999  | 4012592  | 3979379  | 4001323  | 0.48   | cps   |
| Sodium     | 23-2  | 71810729 | 71949658 | 72215302 | 71991896 | 0.29   | cps   |
| Strontium  | 86-1  | 1138285  | 1132667  | 1119565  | 1130172  | 0.85   | cps   |
| Strontium  | 88-1  | 10091889 | 10117480 | 9948128  | 10052499 | 0.91   | cps   |
| Sulfur     | 34-1  | 730246   | 726935   | 719162   | 725448   | 0.78   | cps   |
| Terbium    | 159-1 | 13530189 | 13545221 | 13458017 | 13511143 | 0.35   | cps   |
| Terbium    | 159-2 | 7718619  | 7734031  | 7730042  | 7727564  | 0.10   | cps   |
| Thallium   | 203-1 | 3260595  | 3268300  | 3271296  | 3266730  | 0.17   | cps   |
| Thallium   | 205-1 | 7915172  | 7998190  | 7970579  | 7961313  | 0.53   | cps   |
| Tin        | 118-1 | 2750367  | 2741208  | 2712871  | 2734815  | 0.71   | cps   |
| Titanium   | 47-1  | 2393054  | 2388701  | 2368020  | 2383258  | 0.56   | cps   |
| Uranium    | 238-1 | 11629810 | 11565501 | 11569160 | 11588157 | 0.31   | cps   |
| Vanadium   | 51-2  | 927784   | 936697   | 936917   | 933799   | 0.56   | cps   |
| Yttrium    | 89-1  | 10708477 | 10724332 | 10566954 | 10666588 | 0.81   | cps   |
| Yttrium    | 89-2  | 1710579  | 1731485  | 1723744  | 1721936  | 0.61   | cps   |
| Zinc       | 66-2  | 347923   | 349730   | 349903   | 349185   | 0.31   | cps   |
| Zirconium  | 90-1  | 6038101  | 6039083  | 5931539  | 6002908  | 1.03   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV053              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV053              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 14:35:40 | DataFile Name :   | 043CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1307743 | 1304278 | 1274127 | 1295383 | 1.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:39:15 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200      | 200      | 192      | 197      | 2.44   | cps   |
| Antimony   | 121-1 | 3517     | 3309     | 3251     | 3359     | 4.17   | cps   |
| Arsenic    | 75-2  | 6        | 9        | 9        | 8        | 26.61  | cps   |
| Barium     | 135-1 | 200      | 158      | 117      | 158      | 26.32  | cps   |
| Barium     | 137-1 | 317      | 300      | 242      | 286      | 13.77  | cps   |
| Beryllium  | 9-1   | 300      | 228      | 328      | 285      | 18.10  | cps   |
| Bismuth    | 209-1 | 8525484  | 8414156  | 8386229  | 8441956  | 0.87   | cps   |
| Bismuth    | 209-2 | 5947647  | 6008600  | 5980289  | 5978846  | 0.51   | cps   |
| Boron      | 10-1  | 2142     | 1700     | 1633     | 1825     | 15.14  | cps   |
| Boron      | 11-1  | 9578     | 8336     | 7644     | 8519     | 11.51  | cps   |
| Cadmium    | 111-1 | 1544     | 1518     | 1516     | 1526     | 1.04   | cps   |
| Cadmium    | 106-1 | 3759     | 3709     | 3642     | 3703     | 1.58   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 8        | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 292      | 242      | 267      | 267      | 9.38   | cps   |
| Calcium    | 44-1  | 10121    | 10429    | 9428     | 9993     | 5.13   | cps   |
| Chromium   | 52-2  | 297      | 350      | 257      | 301      | 15.55  | cps   |
| Cobalt     | 59-2  | 143      | 90       | 60       | 98       | 43.17  | cps   |
| Copper     | 63-2  | 1984     | 1947     | 1994     | 1975     | 1.24   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 20       | 3        | 3        | 9        | 108.30 | cps   |
| Erbium     | 164-1 | 8        | 100      | 50       | 53       | 86.97  | cps   |
| Erbium     | 164-2 | 27       | 23       | 17       | 22       | 22.91  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 92       | 86       | 20.15  | cps   |
| Gadolinium | 160-2 | 123      | 157      | 187      | 156      | 20.36  | cps   |
| Holmium    | 165-1 | 13126254 | 13015180 | 13057335 | 13066256 | 0.43   | cps   |
| Holmium    | 165-2 | 7833070  | 7877198  | 7876986  | 7862418  | 0.32   | cps   |
| Indium     | 115-1 | 10351279 | 10173399 | 10147828 | 10224169 | 1.08   | cps   |
| Indium     | 115-2 | 2279876  | 2301882  | 2298763  | 2293507  | 0.52   | cps   |
| Iron       | 56-2  | 21466    | 19330    | 16754    | 19184    | 12.30  | cps   |
| Iron       | 57-2  | 845      | 706      | 633      | 728      | 14.74  | cps   |
| Lead       | 206-1 | 778      | 728      | 789      | 765      | 4.26   | cps   |
| Lead       | 207-1 | 817      | 639      | 606      | 687      | 16.52  | cps   |
| Lead       | 208-1 | 3139     | 3078     | 3089     | 3102     | 1.05   | cps   |
| Lithium    | 6-1   | 2895819  | 2827398  | 2835586  | 2852935  | 1.31   | cps   |
| Magnesium  | 24-2  | 1358     | 1308     | 1058     | 1242     | 12.95  | cps   |
| Manganese  | 55-2  | 93       | 83       | 107      | 94       | 12.40  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:39:15 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1358     | 1175     | 1208     | 1247     | 7.83   | cps   |
| Molybdenum | 95-1  | 1625     | 1458     | 1383     | 1489     | 8.31   | cps   |
| Molybdenum | 96-1  | 1634     | 1634     | 1425     | 1564     | 7.69   | cps   |
| Molybdenum | 97-1  | 875      | 767      | 708      | 783      | 10.80  | cps   |
| Molybdenum | 98-1  | 2634     | 2467     | 2209     | 2436     | 8.79   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 97       | 100      | 117      | 104      | 10.26  | cps   |
| Phosphorus | 31-2  | 225      | 133      | 183      | 181      | 25.42  | cps   |
| Potassium  | 39-2  | 36763    | 36103    | 36396    | 36421    | 0.91   | cps   |
| Rhodium    | 103-1 | 9565962  | 9387074  | 9297662  | 9416899  | 1.45   | cps   |
| Rhodium    | 103-2 | 4848788  | 4890880  | 4907307  | 4882325  | 0.62   | cps   |
| Scandium   | 45-1  | 6381303  | 6259261  | 6249127  | 6296564  | 1.17   | cps   |
| Scandium   | 45-2  | 301705   | 301469   | 302207   | 301794   | 0.12   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 72       | 78       | 69       | 73       | 6.40   | cps   |
| Selenium   | 82-1  | 44       | 39       | 39       | 41       | 7.66   | cps   |
| Silicon    | 28-1  | 364503   | 359212   | 356645   | 360120   | 1.11   | cps   |
| Silver     | 109-1 | 450      | 417      | 475      | 447      | 6.54   | cps   |
| Silver     | 107-1 | 600      | 467      | 425      | 497      | 18.38  | cps   |
| Sodium     | 23-2  | 27601    | 27242    | 25990    | 26945    | 3.14   | cps   |
| Strontium  | 86-1  | 633      | 617      | 667      | 639      | 3.99   | cps   |
| Strontium  | 88-1  | 567      | 400      | 408      | 458      | 20.49  | cps   |
| Sulfur     | 34-1  | 406974   | 399541   | 396885   | 401133   | 1.30   | cps   |
| Terbium    | 159-1 | 13788694 | 13400401 | 13377891 | 13522329 | 1.71   | cps   |
| Terbium    | 159-2 | 7696244  | 7757076  | 7697093  | 7716805  | 0.45   | cps   |
| Thallium   | 203-1 | 1367     | 1133     | 1233     | 1245     | 9.41   | cps   |
| Thallium   | 205-1 | 3442     | 2850     | 2575     | 2956     | 14.99  | cps   |
| Tin        | 118-1 | 1150     | 1025     | 875      | 1017     | 13.54  | cps   |
| Titanium   | 47-1  | 200      | 275      | 275      | 250      | 17.32  | cps   |
| Uranium    | 238-1 | 458      | 400      | 375      | 411      | 10.40  | cps   |
| Vanadium   | 51-2  | 23       | 30       | 13       | 22       | 37.76  | cps   |
| Yttrium    | 89-1  | 10876589 | 10551848 | 10571241 | 10666559 | 1.71   | cps   |
| Yttrium    | 89-2  | 1719028  | 1733213  | 1731421  | 1727887  | 0.45   | cps   |
| Zinc       | 66-2  | 167      | 207      | 193      | 189      | 10.78  | cps   |
| Zirconium  | 90-1  | 1200     | 1275     | 1133     | 1203     | 5.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB053              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB053              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:39:15 | DataFile Name :   | 044CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 225  | 258  | 231     | 11.04  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:42:49 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4651     | 4859     | 4543     | 4684     | 3.44   | cps   |
| Antimony   | 121-1 | 11814    | 11597    | 11614    | 11675    | 1.03   | cps   |
| Arsenic    | 75-2  | 567      | 522      | 528      | 539      | 4.49   | cps   |
| Barium     | 135-1 | 110805   | 113662   | 111091   | 111853   | 1.41   | cps   |
| Barium     | 137-1 | 193835   | 193581   | 191359   | 192925   | 0.71   | cps   |
| Beryllium  | 9-1   | 272      | 272      | 139      | 228      | 33.80  | cps   |
| Bismuth    | 209-1 | 9196690  | 9265010  | 9088405  | 9183368  | 0.97   | cps   |
| Bismuth    | 209-2 | 6455838  | 6427355  | 6529328  | 6470841  | 0.81   | cps   |
| Boron      | 10-1  | 2667     | 2659     | 2459     | 2595     | 4.55   | cps   |
| Boron      | 11-1  | 11897    | 12356    | 12147    | 12133    | 1.89   | cps   |
| Cadmium    | 111-1 | 8576     | 8622     | 8420     | 8540     | 1.24   | cps   |
| Cadmium    | 106-1 | 4318     | 4676     | 4209     | 4401     | 5.55   | cps   |
| Cadmium    | 108-1 | 413      | 500      | 496      | 469      | 10.51  | cps   |
| Calcium    | 43-1  | 1130009  | 1128160  | 1121123  | 1126431  | 0.42   | cps   |
| Calcium    | 44-1  | 18584673 | 18611265 | 18442960 | 18546300 | 0.49   | cps   |
| Chromium   | 52-2  | 673      | 620      | 617      | 637      | 4.99   | cps   |
| Cobalt     | 59-2  | 11498    | 11985    | 11738    | 11740    | 2.07   | cps   |
| Copper     | 63-2  | 15158    | 15085    | 15198    | 15147    | 0.38   | cps   |
| Dysprosium | 156-1 | 317      | 283      | 325      | 308      | 7.15   | cps   |
| Dysprosium | 156-2 | 183      | 190      | 167      | 180      | 6.68   | cps   |
| Erbium     | 164-1 | 300      | 250      | 375      | 308      | 20.41  | cps   |
| Erbium     | 164-2 | 193      | 127      | 167      | 162      | 20.68  | cps   |
| Gadolinium | 160-1 | 300      | 308      | 333      | 314      | 5.53   | cps   |
| Gadolinium | 160-2 | 307      | 317      | 363      | 329      | 9.19   | cps   |
| Holmium    | 165-1 | 14431107 | 14391564 | 14254369 | 14359013 | 0.65   | cps   |
| Holmium    | 165-2 | 8591409  | 8512378  | 8646980  | 8583589  | 0.79   | cps   |
| Indium     | 115-1 | 11462339 | 11494141 | 11338331 | 11431604 | 0.72   | cps   |
| Indium     | 115-2 | 2527567  | 2522380  | 2582613  | 2544187  | 1.31   | cps   |
| Iron       | 56-2  | 3088361  | 3100064  | 3065400  | 3084608  | 0.57   | cps   |
| Iron       | 57-2  | 80671    | 79615    | 80671    | 80319    | 0.76   | cps   |
| Lead       | 206-1 | 128733   | 126865   | 127986   | 127861   | 0.74   | cps   |
| Lead       | 207-1 | 116533   | 117469   | 114852   | 116285   | 1.14   | cps   |
| Lead       | 208-1 | 524526   | 523517   | 517525   | 521856   | 0.73   | cps   |
| Lithium    | 6-1   | 3295240  | 3266094  | 3257609  | 3272981  | 0.60   | cps   |
| Magnesium  | 24-2  | 1666748  | 1665174  | 1652453  | 1661458  | 0.47   | cps   |
| Manganese  | 55-2  | 812184   | 812382   | 810120   | 811562   | 0.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:42:49 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1400     | 1233     | 1242     | 1292     | 7.27   | cps   |
| Molybdenum | 95-1  | 842      | 908      | 925      | 892      | 4.95   | cps   |
| Molybdenum | 96-1  | 1175     | 1067     | 1008     | 1083     | 7.81   | cps   |
| Molybdenum | 97-1  | 642      | 625      | 517      | 594      | 11.42  | cps   |
| Molybdenum | 98-1  | 1300     | 1400     | 1358     | 1353     | 3.71   | cps   |
| Neodymium  | 150-1 | 360      | 260      | 353      | 324      | 17.23  | cps   |
| Neodymium  | 150-2 | 127      | 130      | 157      | 138      | 11.93  | cps   |
| Nickel     | 60-2  | 4894     | 5011     | 4864     | 4923     | 1.57   | cps   |
| Phosphorus | 31-2  | 283      | 308      | 367      | 319      | 13.39  | cps   |
| Potassium  | 39-2  | 531597   | 529794   | 523357   | 528249   | 0.82   | cps   |
| Rhodium    | 103-1 | 10306057 | 10254240 | 10147855 | 10236050 | 0.79   | cps   |
| Rhodium    | 103-2 | 5298834  | 5253645  | 5390176  | 5314218  | 1.31   | cps   |
| Scandium   | 45-1  | 6971336  | 6997820  | 6940031  | 6969729  | 0.42   | cps   |
| Scandium   | 45-2  | 329960   | 326063   | 337107   | 331043   | 1.69   | cps   |
| Selenium   | 77-2  | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 67       | 72       | 72       | 70       | 4.55   | cps   |
| Selenium   | 82-1  | 9        | -6       | 123      | 42       | 167.99 | cps   |
| Silicon    | 28-1  | 26301394 | 26160730 | 25995566 | 26152563 | 0.59   | cps   |
| Silver     | 109-1 | 3134     | 3109     | 2825     | 3023     | 5.67   | cps   |
| Silver     | 107-1 | 3217     | 3042     | 3384     | 3214     | 5.32   | cps   |
| Sodium     | 23-2  | 888081   | 881532   | 873977   | 881197   | 0.80   | cps   |
| Strontium  | 86-1  | 284330   | 286590   | 282249   | 284390   | 0.76   | cps   |
| Strontium  | 88-1  | 2523769  | 2505560  | 2493236  | 2507522  | 0.61   | cps   |
| Sulfur     | 34-1  | 1636339  | 1634926  | 1618138  | 1629801  | 0.62   | cps   |
| Terbium    | 159-1 | 14861536 | 14913994 | 14833421 | 14869650 | 0.28   | cps   |
| Terbium    | 159-2 | 8525632  | 8442920  | 8525820  | 8498124  | 0.56   | cps   |
| Thallium   | 203-1 | 3176     | 2609     | 2475     | 2753     | 13.50  | cps   |
| Thallium   | 205-1 | 7111     | 6193     | 6068     | 6457     | 8.81   | cps   |
| Tin        | 118-1 | 1542     | 1533     | 1367     | 1481     | 6.67   | cps   |
| Titanium   | 47-1  | 1542     | 1425     | 1308     | 1425     | 8.19   | cps   |
| Uranium    | 238-1 | 2892     | 3159     | 3292     | 3114     | 6.54   | cps   |
| Vanadium   | 51-2  | 547      | 537      | 510      | 531      | 3.57   | cps   |
| Yttrium    | 89-1  | 11849486 | 11888310 | 11724788 | 11820861 | 0.72   | cps   |
| Yttrium    | 89-2  | 1880855  | 1871156  | 1910809  | 1887607  | 1.10   | cps   |
| Zinc       | 66-2  | 181182   | 181155   | 181597   | 181311   | 0.14   | cps   |
| Zirconium  | 90-1  | 2742     | 2500     | 2709     | 2650     | 4.94   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:42:49 | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 658  | 592  | 608  | 619     | 5.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:46:22 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 683      | 658      | 592      | 644      | 7.35   | cps   |
| Antimony   | 121-1 | 11071    | 10588    | 10680    | 10780    | 2.38   | cps   |
| Arsenic    | 75-2  | 215      | 215      | 198      | 209      | 4.60   | cps   |
| Barium     | 135-1 | 70479    | 69022    | 69047    | 69516    | 1.20   | cps   |
| Barium     | 137-1 | 122544   | 122058   | 122376   | 122326   | 0.20   | cps   |
| Beryllium  | 9-1   | 111      | 150      | 161      | 141      | 18.65  | cps   |
| Bismuth    | 209-1 | 9083528  | 9066753  | 8979062  | 9043114  | 0.62   | cps   |
| Bismuth    | 209-2 | 6270345  | 6313797  | 6262476  | 6282206  | 0.44   | cps   |
| Boron      | 10-1  | 3684     | 3842     | 3692     | 3740     | 2.38   | cps   |
| Boron      | 11-1  | 18037    | 17102    | 18587    | 17909    | 4.19   | cps   |
| Cadmium    | 111-1 | 3939     | 4054     | 3721     | 3905     | 4.33   | cps   |
| Cadmium    | 106-1 | 3917     | 4334     | 3892     | 4048     | 6.13   | cps   |
| Cadmium    | 108-1 | 154      | 158      | 204      | 172      | 16.11  | cps   |
| Calcium    | 43-1  | 447421   | 440769   | 443841   | 444010   | 0.75   | cps   |
| Calcium    | 44-1  | 7378368  | 7340242  | 7343940  | 7354183  | 0.29   | cps   |
| Chromium   | 52-2  | 763      | 707      | 740      | 737      | 3.87   | cps   |
| Cobalt     | 59-2  | 557      | 563      | 540      | 553      | 2.17   | cps   |
| Copper     | 63-2  | 9707     | 9904     | 9720     | 9777     | 1.13   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 33       | 33       | 25.01  | cps   |
| Dysprosium | 156-2 | 17       | 27       | 37       | 27       | 37.50  | cps   |
| Erbium     | 164-1 | 50       | 83       | 92       | 75       | 29.40  | cps   |
| Erbium     | 164-2 | 53       | 43       | 47       | 48       | 10.66  | cps   |
| Gadolinium | 160-1 | 108      | 75       | 158      | 114      | 36.83  | cps   |
| Gadolinium | 160-2 | 157      | 163      | 200      | 173      | 13.46  | cps   |
| Holmium    | 165-1 | 13939034 | 13968961 | 14061472 | 13989822 | 0.46   | cps   |
| Holmium    | 165-2 | 8267724  | 8334158  | 8225667  | 8275849  | 0.66   | cps   |
| Indium     | 115-1 | 11107022 | 11060267 | 11158081 | 11108457 | 0.44   | cps   |
| Indium     | 115-2 | 2460565  | 2457804  | 2430752  | 2449707  | 0.67   | cps   |
| Iron       | 56-2  | 730054   | 733193   | 729485   | 730911   | 0.27   | cps   |
| Iron       | 57-2  | 20098    | 19703    | 19513    | 19771    | 1.51   | cps   |
| Lead       | 206-1 | 70877    | 72463    | 71525    | 71622    | 1.11   | cps   |
| Lead       | 207-1 | 66477    | 66868    | 66880    | 66741    | 0.34   | cps   |
| Lead       | 208-1 | 295814   | 298308   | 295365   | 296496   | 0.53   | cps   |
| Lithium    | 6-1   | 3213844  | 3194084  | 3196692  | 3201540  | 0.34   | cps   |
| Magnesium  | 24-2  | 903587   | 890867   | 886345   | 893600   | 1.00   | cps   |
| Manganese  | 55-2  | 93867    | 92297    | 92767    | 92977    | 0.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:46:22 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 842      | 850      | 789      | 12.51  | cps   |
| Molybdenum | 95-1  | 608      | 608      | 700      | 639      | 8.28   | cps   |
| Molybdenum | 96-1  | 708      | 892      | 825      | 808      | 11.48  | cps   |
| Molybdenum | 97-1  | 358      | 383      | 383      | 375      | 3.85   | cps   |
| Molybdenum | 98-1  | 1008     | 1025     | 992      | 1008     | 1.65   | cps   |
| Neodymium  | 150-1 | 47       | 53       | 47       | 49       | 7.88   | cps   |
| Neodymium  | 150-2 | 20       | 27       | 3        | 17       | 72.13  | cps   |
| Nickel     | 60-2  | 3767     | 3871     | 3604     | 3747     | 3.59   | cps   |
| Phosphorus | 31-2  | 208      | 333      | 225      | 256      | 26.56  | cps   |
| Potassium  | 39-2  | 331854   | 328957   | 332763   | 331191   | 0.60   | cps   |
| Rhodium    | 103-1 | 9998023  | 9901519  | 9985633  | 9961725  | 0.53   | cps   |
| Rhodium    | 103-2 | 5132345  | 5178891  | 5150160  | 5153799  | 0.46   | cps   |
| Scandium   | 45-1  | 6724997  | 6700496  | 6764049  | 6729847  | 0.48   | cps   |
| Scandium   | 45-2  | 315712   | 315405   | 311348   | 314155   | 0.78   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 52       | 94       | 54       | 67       | 36.12  | cps   |
| Selenium   | 82-1  | 36       | -22      | 107      | 40       | 159.44 | cps   |
| Silicon    | 28-1  | 30904415 | 30680486 | 30896617 | 30827173 | 0.41   | cps   |
| Silver     | 109-1 | 2059     | 2059     | 2325     | 2147     | 7.17   | cps   |
| Silver     | 107-1 | 2000     | 2192     | 2259     | 2150     | 6.24   | cps   |
| Sodium     | 23-2  | 1213233  | 1209651  | 1206375  | 1209753  | 0.28   | cps   |
| Strontium  | 86-1  | 180478   | 181844   | 182307   | 181543   | 0.52   | cps   |
| Strontium  | 88-1  | 1577890  | 1577266  | 1594045  | 1583067  | 0.60   | cps   |
| Sulfur     | 34-1  | 886035   | 870792   | 872002   | 876276   | 0.97   | cps   |
| Terbium    | 159-1 | 14439649 | 14495638 | 14490454 | 14475247 | 0.21   | cps   |
| Terbium    | 159-2 | 8117901  | 8211846  | 8134896  | 8154881  | 0.61   | cps   |
| Thallium   | 203-1 | 1017     | 992      | 858      | 956      | 8.91   | cps   |
| Thallium   | 205-1 | 2267     | 1917     | 2217     | 2134     | 8.87   | cps   |
| Tin        | 118-1 | 1475     | 1450     | 1417     | 1447     | 2.02   | cps   |
| Titanium   | 47-1  | 1092     | 950      | 850      | 964      | 12.60  | cps   |
| Uranium    | 238-1 | 342      | 233      | 275      | 283      | 19.29  | cps   |
| Vanadium   | 51-2  | 583      | 617      | 597      | 599      | 2.80   | cps   |
| Yttrium    | 89-1  | 11372522 | 11437359 | 11457984 | 11422622 | 0.39   | cps   |
| Yttrium    | 89-2  | 1824502  | 1825647  | 1809081  | 1819743  | 0.51   | cps   |
| Zinc       | 66-2  | 326323   | 324525   | 325038   | 325295   | 0.28   | cps   |
| Zirconium  | 90-1  | 1200     | 1275     | 1100     | 1192     | 7.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:46:22 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 342  | 275  | 278     | 22.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:49:56 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 567      | 575      | 658      | 600      | 8.45   | cps   |
| Antimony   | 121-1 | 10488    | 10846    | 10496    | 10610    | 1.93   | cps   |
| Arsenic    | 75-2  | 193      | 233      | 159      | 195      | 19.02  | cps   |
| Barium     | 135-1 | 71116    | 69641    | 71762    | 70840    | 1.53   | cps   |
| Barium     | 137-1 | 122226   | 121461   | 122605   | 122098   | 0.48   | cps   |
| Beryllium  | 9-1   | 133      | 122      | 100      | 119      | 14.32  | cps   |
| Bismuth    | 209-1 | 9106138  | 8986843  | 9002026  | 9031669  | 0.72   | cps   |
| Bismuth    | 209-2 | 6305354  | 6290828  | 6286138  | 6294107  | 0.16   | cps   |
| Boron      | 10-1  | 3225     | 3692     | 3551     | 3489     | 6.86   | cps   |
| Boron      | 11-1  | 17269    | 16701    | 17728    | 17233    | 2.98   | cps   |
| Cadmium    | 111-1 | 3897     | 3788     | 3798     | 3828     | 1.58   | cps   |
| Cadmium    | 106-1 | 4067     | 3901     | 3851     | 3940     | 2.88   | cps   |
| Cadmium    | 108-1 | 200      | 213      | 242      | 218      | 9.81   | cps   |
| Calcium    | 43-1  | 445824   | 440568   | 438323   | 441572   | 0.87   | cps   |
| Calcium    | 44-1  | 7330668  | 7366667  | 7265049  | 7320795  | 0.70   | cps   |
| Chromium   | 52-2  | 780      | 813      | 857      | 817      | 4.71   | cps   |
| Cobalt     | 59-2  | 597      | 537      | 507      | 547      | 8.38   | cps   |
| Copper     | 63-2  | 10000    | 10157    | 10084    | 10080    | 0.78   | cps   |
| Dysprosium | 156-1 | 67       | 42       | 25       | 44       | 47.19  | cps   |
| Dysprosium | 156-2 | 20       | 23       | 37       | 27       | 33.08  | cps   |
| Erbium     | 164-1 | 67       | 92       | 75       | 78       | 16.36  | cps   |
| Erbium     | 164-2 | 43       | 50       | 33       | 42       | 19.87  | cps   |
| Gadolinium | 160-1 | 150      | 133      | 100      | 128      | 19.92  | cps   |
| Gadolinium | 160-2 | 230      | 223      | 200      | 218      | 7.23   | cps   |
| Holmium    | 165-1 | 14072891 | 14059977 | 14010627 | 14047832 | 0.23   | cps   |
| Holmium    | 165-2 | 8354580  | 8329770  | 8338493  | 8340948  | 0.15   | cps   |
| Indium     | 115-1 | 11138863 | 11060657 | 11006204 | 11068575 | 0.60   | cps   |
| Indium     | 115-2 | 2454120  | 2446971  | 2428590  | 2443227  | 0.54   | cps   |
| Iron       | 56-2  | 731685   | 730160   | 744145   | 735330   | 1.04   | cps   |
| Iron       | 57-2  | 19664    | 19185    | 19920    | 19589    | 1.90   | cps   |
| Lead       | 206-1 | 73072    | 71313    | 72062    | 72149    | 1.22   | cps   |
| Lead       | 207-1 | 67348    | 68135    | 65673    | 67052    | 1.88   | cps   |
| Lead       | 208-1 | 300461   | 297066   | 296140   | 297889   | 0.76   | cps   |
| Lithium    | 6-1   | 3198038  | 3155950  | 3159989  | 3171326  | 0.73   | cps   |
| Magnesium  | 24-2  | 902020   | 894681   | 901942   | 899548   | 0.47   | cps   |
| Manganese  | 55-2  | 92398    | 93589    | 94263    | 93416    | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:49:56 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 667      | 800      | 744      | 9.32   | cps   |
| Molybdenum | 95-1  | 617      | 650      | 550      | 606      | 8.41   | cps   |
| Molybdenum | 96-1  | 667      | 633      | 725      | 675      | 6.87   | cps   |
| Molybdenum | 97-1  | 400      | 375      | 450      | 408      | 9.35   | cps   |
| Molybdenum | 98-1  | 908      | 1083     | 1017     | 1003     | 8.81   | cps   |
| Neodymium  | 150-1 | 40       | 40       | 67       | 49       | 31.50  | cps   |
| Neodymium  | 150-2 | 23       | 27       | 13       | 21       | 32.88  | cps   |
| Nickel     | 60-2  | 3574     | 3777     | 3794     | 3715     | 3.30   | cps   |
| Phosphorus | 31-2  | 200      | 283      | 183      | 222      | 24.11  | cps   |
| Potassium  | 39-2  | 328275   | 330480   | 329840   | 329532   | 0.34   | cps   |
| Rhodium    | 103-1 | 10051070 | 10002316 | 9961295  | 10004894 | 0.45   | cps   |
| Rhodium    | 103-2 | 5167116  | 5129047  | 5111494  | 5135886  | 0.55   | cps   |
| Scandium   | 45-1  | 6682519  | 6747785  | 6664053  | 6698119  | 0.66   | cps   |
| Scandium   | 45-2  | 315107   | 314428   | 314472   | 314669   | 0.12   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 74       | 69       | 65       | 69       | 6.74   | cps   |
| Selenium   | 82-1  | -20      | 67       | 16       | 21       | 209.34 | cps   |
| Silicon    | 28-1  | 30447244 | 30621779 | 30482993 | 30517339 | 0.30   | cps   |
| Silver     | 109-1 | 1767     | 2059     | 1842     | 1889     | 8.02   | cps   |
| Silver     | 107-1 | 2175     | 1984     | 2000     | 2053     | 5.17   | cps   |
| Sodium     | 23-2  | 1214088  | 1208733  | 1218290  | 1213704  | 0.39   | cps   |
| Strontium  | 86-1  | 182513   | 181087   | 180352   | 181317   | 0.61   | cps   |
| Strontium  | 88-1  | 1591979  | 1581177  | 1567762  | 1580306  | 0.77   | cps   |
| Sulfur     | 34-1  | 857677   | 858102   | 858331   | 858037   | 0.04   | cps   |
| Terbium    | 159-1 | 14656219 | 14553644 | 14518638 | 14576167 | 0.49   | cps   |
| Terbium    | 159-2 | 8277996  | 8187739  | 8184189  | 8216641  | 0.65   | cps   |
| Thallium   | 203-1 | 567      | 525      | 550      | 547      | 3.83   | cps   |
| Thallium   | 205-1 | 1433     | 1142     | 1208     | 1261     | 12.12  | cps   |
| Tin        | 118-1 | 1400     | 1383     | 1467     | 1417     | 3.11   | cps   |
| Titanium   | 47-1  | 817      | 808      | 942      | 856      | 8.73   | cps   |
| Uranium    | 238-1 | 250      | 267      | 425      | 314      | 30.77  | cps   |
| Vanadium   | 51-2  | 640      | 623      | 690      | 651      | 5.33   | cps   |
| Yttrium    | 89-1  | 11463184 | 11396724 | 11311089 | 11390332 | 0.67   | cps   |
| Yttrium    | 89-2  | 1829953  | 1826359  | 1812559  | 1822957  | 0.50   | cps   |
| Zinc       | 66-2  | 325359   | 324560   | 325851   | 325257   | 0.20   | cps   |
| Zirconium  | 90-1  | 1217     | 1475     | 1233     | 1308     | 11.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:49:56 | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 258  | 325  | 283     | 12.82  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 14:53:30 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 333      | 125      | 150      | 203      | 56.12  | cps   |
| Antimony   | 121-1 | 1909     | 1900     | 1900     | 1903     | 0.25   | cps   |
| Arsenic    | 75-2  | 30       | 31       | 33       | 31       | 5.88   | cps   |
| Barium     | 135-1 | 12773    | 12740    | 12665    | 12726    | 0.44   | cps   |
| Barium     | 137-1 | 21768    | 22068    | 23638    | 22491    | 4.46   | cps   |
| Beryllium  | 9-1   | 94       | 144      | 200      | 146      | 36.09  | cps   |
| Bismuth    | 209-1 | 8162365  | 8173397  | 8210022  | 8181928  | 0.30   | cps   |
| Bismuth    | 209-2 | 5798697  | 5731271  | 5765106  | 5765025  | 0.58   | cps   |
| Boron      | 10-1  | 1025     | 967      | 1083     | 1025     | 5.69   | cps   |
| Boron      | 11-1  | 4551     | 4876     | 5126     | 4851     | 5.95   | cps   |
| Cadmium    | 111-1 | 1635     | 1719     | 1629     | 1661     | 3.00   | cps   |
| Cadmium    | 106-1 | 3109     | 3317     | 3042     | 3156     | 4.55   | cps   |
| Cadmium    | 108-1 | 42       | 42       | 42       | 42       | 0.00   | cps   |
| Calcium    | 43-1  | 78450    | 77839    | 78333    | 78207    | 0.41   | cps   |
| Calcium    | 44-1  | 1291288  | 1289529  | 1296282  | 1292366  | 0.27   | cps   |
| Chromium   | 52-2  | 373      | 333      | 337      | 348      | 6.38   | cps   |
| Cobalt     | 59-2  | 110      | 133      | 150      | 131      | 15.32  | cps   |
| Copper     | 63-2  | 3967     | 4001     | 3637     | 3868     | 5.19   | cps   |
| Dysprosium | 156-1 | 17       | 42       | 17       | 25       | 57.73  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 33       | 33       | 17       | 28       | 34.63  | cps   |
| Erbium     | 164-2 | 13       | 20       | 23       | 19       | 26.96  | cps   |
| Gadolinium | 160-1 | 75       | 150      | 42       | 89       | 62.42  | cps   |
| Gadolinium | 160-2 | 110      | 127      | 140      | 126      | 11.97  | cps   |
| Holmium    | 165-1 | 12676978 | 12586294 | 12698530 | 12653934 | 0.47   | cps   |
| Holmium    | 165-2 | 7647299  | 7566371  | 7583557  | 7599075  | 0.56   | cps   |
| Indium     | 115-1 | 9939594  | 9902095  | 9974183  | 9938624  | 0.36   | cps   |
| Indium     | 115-2 | 2228490  | 2206597  | 2212663  | 2215917  | 0.51   | cps   |
| Iron       | 56-2  | 138389   | 137140   | 136612   | 137381   | 0.66   | cps   |
| Iron       | 57-2  | 4062     | 4117     | 3767     | 3982     | 4.73   | cps   |
| Lead       | 206-1 | 12962    | 12890    | 12951    | 12934    | 0.30   | cps   |
| Lead       | 207-1 | 12623    | 13107    | 12117    | 12616    | 3.92   | cps   |
| Lead       | 208-1 | 55041    | 55602    | 54718    | 55120    | 0.81   | cps   |
| Lithium    | 6-1   | 2742776  | 2726481  | 2753739  | 2740999  | 0.50   | cps   |
| Magnesium  | 24-2  | 164442   | 162803   | 163615   | 163620   | 0.50   | cps   |
| Manganese  | 55-2  | 17000    | 17023    | 17050    | 17024    | 0.15   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 14:53:30 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 308      | 317      | 425      | 350      | 18.60  | cps   |
| Molybdenum | 95-1  | 108      | 150      | 167      | 142      | 21.21  | cps   |
| Molybdenum | 96-1  | 267      | 292      | 292      | 283      | 5.09   | cps   |
| Molybdenum | 97-1  | 183      | 158      | 175      | 172      | 7.39   | cps   |
| Molybdenum | 98-1  | 308      | 275      | 300      | 294      | 5.89   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 783      | 767      | 713      | 754      | 4.85   | cps   |
| Phosphorus | 31-2  | 142      | 225      | 167      | 178      | 24.05  | cps   |
| Potassium  | 39-2  | 87123    | 85664    | 85253    | 86013    | 1.14   | cps   |
| Rhodium    | 103-1 | 9090828  | 8979310  | 9130405  | 9066848  | 0.86   | cps   |
| Rhodium    | 103-2 | 4705497  | 4689139  | 4699122  | 4697919  | 0.18   | cps   |
| Scandium   | 45-1  | 6034086  | 6000001  | 6033105  | 6022397  | 0.32   | cps   |
| Scandium   | 45-2  | 288370   | 285675   | 286361   | 286802   | 0.49   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 52       | 57       | 70       | 60       | 15.87  | cps   |
| Selenium   | 82-1  | 37       | 51       | -62      | 9        | 691.47 | cps   |
| Silicon    | 28-1  | 5726407  | 5678976  | 5757453  | 5720945  | 0.69   | cps   |
| Silver     | 109-1 | 583      | 625      | 492      | 567      | 12.04  | cps   |
| Silver     | 107-1 | 583      | 633      | 608      | 608      | 4.11   | cps   |
| Sodium     | 23-2  | 236867   | 233969   | 234959   | 235265   | 0.63   | cps   |
| Strontium  | 86-1  | 33774    | 33223    | 32705    | 33234    | 1.61   | cps   |
| Strontium  | 88-1  | 287001   | 284790   | 283091   | 284961   | 0.69   | cps   |
| Sulfur     | 34-1  | 455668   | 451282   | 453969   | 453640   | 0.49   | cps   |
| Terbium    | 159-1 | 13045904 | 13018592 | 13254409 | 13106302 | 0.98   | cps   |
| Terbium    | 159-2 | 7542239  | 7410628  | 7446990  | 7466619  | 0.91   | cps   |
| Thallium   | 203-1 | 150      | 100      | 117      | 122      | 20.83  | cps   |
| Thallium   | 205-1 | 292      | 325      | 258      | 292      | 11.43  | cps   |
| Tin        | 118-1 | 642      | 717      | 658      | 672      | 5.86   | cps   |
| Titanium   | 47-1  | 300      | 200      | 250      | 250      | 20.00  | cps   |
| Uranium    | 238-1 | 58       | 58       | 75       | 64       | 15.05  | cps   |
| Vanadium   | 51-2  | 170      | 203      | 150      | 174      | 15.45  | cps   |
| Yttrium    | 89-1  | 10329129 | 10260633 | 10402007 | 10330590 | 0.68   | cps   |
| Yttrium    | 89-2  | 1660456  | 1666349  | 1661187  | 1662664  | 0.19   | cps   |
| Zinc       | 66-2  | 57991    | 58396    | 58339    | 58242    | 0.38   | cps   |
| Zirconium  | 90-1  | 858      | 717      | 850      | 808      | 9.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-05LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 14:53:30 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 117  | 133  | 128     | 7.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:57:04 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 138822   | 139023   | 138915   | 138920   | 0.07   | cps   |
| Antimony   | 121-1 | 821614   | 811806   | 801627   | 811682   | 1.23   | cps   |
| Arsenic    | 75-2  | 11684    | 11825    | 11620    | 11710    | 0.90   | cps   |
| Barium     | 135-1 | 3970733  | 3945343  | 3893544  | 3936540  | 1.00   | cps   |
| Barium     | 137-1 | 7036857  | 7030445  | 6949272  | 7005525  | 0.70   | cps   |
| Beryllium  | 9-1   | 87920    | 88345    | 88193    | 88153    | 0.24   | cps   |
| Bismuth    | 209-1 | 8950141  | 8939607  | 8883870  | 8924540  | 0.40   | cps   |
| Bismuth    | 209-2 | 6168833  | 6178756  | 6167904  | 6171831  | 0.10   | cps   |
| Boron      | 10-1  | 3426     | 3276     | 3484     | 3395     | 3.17   | cps   |
| Boron      | 11-1  | 15542    | 16076    | 16535    | 16051    | 3.10   | cps   |
| Cadmium    | 111-1 | 97532    | 96998    | 95519    | 96683    | 1.08   | cps   |
| Cadmium    | 106-1 | 11564    | 12189    | 11705    | 11819    | 2.78   | cps   |
| Cadmium    | 108-1 | 6364     | 6502     | 6381     | 6415     | 1.17   | cps   |
| Calcium    | 43-1  | 449013   | 449868   | 450129   | 449670   | 0.13   | cps   |
| Calcium    | 44-1  | 7448694  | 7464870  | 7427265  | 7446943  | 0.25   | cps   |
| Chromium   | 52-2  | 471994   | 472239   | 472299   | 472177   | 0.03   | cps   |
| Cobalt     | 59-2  | 1974805  | 1970994  | 1956987  | 1967595  | 0.48   | cps   |
| Copper     | 63-2  | 718299   | 719119   | 715288   | 717569   | 0.28   | cps   |
| Dysprosium | 156-1 | 75       | 75       | 83       | 78       | 6.19   | cps   |
| Dysprosium | 156-2 | 63       | 60       | 87       | 70       | 20.76  | cps   |
| Erbium     | 164-1 | 83       | 83       | 108      | 92       | 15.74  | cps   |
| Erbium     | 164-2 | 47       | 33       | 33       | 38       | 20.39  | cps   |
| Gadolinium | 160-1 | 117      | 167      | 117      | 133      | 21.65  | cps   |
| Gadolinium | 160-2 | 180      | 190      | 167      | 179      | 6.54   | cps   |
| Holmium    | 165-1 | 13815495 | 13927198 | 13698533 | 13813742 | 0.83   | cps   |
| Holmium    | 165-2 | 8114656  | 8111779  | 8108435  | 8111623  | 0.04   | cps   |
| Indium     | 115-1 | 10753112 | 10823397 | 10738300 | 10771603 | 0.42   | cps   |
| Indium     | 115-2 | 2365825  | 2348225  | 2371708  | 2361919  | 0.52   | cps   |
| Iron       | 56-2  | 2719164  | 2715738  | 2724809  | 2719904  | 0.17   | cps   |
| Iron       | 57-2  | 68214    | 67288    | 70619    | 68707    | 2.50   | cps   |
| Lead       | 206-1 | 195780   | 195420   | 191204   | 194134   | 1.31   | cps   |
| Lead       | 207-1 | 179399   | 180547   | 175486   | 178477   | 1.49   | cps   |
| Lead       | 208-1 | 801775   | 803463   | 788467   | 797901   | 1.03   | cps   |
| Lithium    | 6-1   | 3161208  | 3173789  | 3160391  | 3165129  | 0.24   | cps   |
| Magnesium  | 24-2  | 901853   | 898410   | 898085   | 899449   | 0.23   | cps   |
| Manganese  | 55-2  | 781906   | 780955   | 778735   | 780532   | 0.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:57:04 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 992      | 750      | 800      | 21.53  | cps   |
| Molybdenum | 95-1  | 850      | 875      | 825      | 850      | 2.94   | cps   |
| Molybdenum | 96-1  | 1025     | 1100     | 983      | 1036     | 5.71   | cps   |
| Molybdenum | 97-1  | 617      | 533      | 425      | 525      | 18.31  | cps   |
| Molybdenum | 98-1  | 1183     | 1383     | 1458     | 1342     | 10.60  | cps   |
| Neodymium  | 150-1 | 273      | 260      | 253      | 262      | 3.88   | cps   |
| Neodymium  | 150-2 | 50       | 40       | 73       | 54       | 31.42  | cps   |
| Nickel     | 60-2  | 515333   | 520396   | 519629   | 518452   | 0.53   | cps   |
| Phosphorus | 31-2  | 233      | 267      | 350      | 283      | 21.21  | cps   |
| Potassium  | 39-2  | 333300   | 332330   | 329647   | 331759   | 0.57   | cps   |
| Rhodium    | 103-1 | 9709503  | 9738017  | 9566713  | 9671411  | 0.95   | cps   |
| Rhodium    | 103-2 | 4980764  | 4981661  | 4989670  | 4984032  | 0.10   | cps   |
| Scandium   | 45-1  | 6523201  | 6500748  | 6489172  | 6504374  | 0.27   | cps   |
| Scandium   | 45-2  | 304623   | 301886   | 301343   | 302617   | 0.58   | cps   |
| Selenium   | 77-2  | 873      | 917      | 870      | 887      | 2.94   | cps   |
| Selenium   | 78-2  | 3045     | 3023     | 3067     | 3045     | 0.73   | cps   |
| Selenium   | 82-1  | 17436    | 17210    | 16760    | 17135    | 2.01   | cps   |
| Silicon    | 28-1  | 30996008 | 31155927 | 30838032 | 30996656 | 0.51   | cps   |
| Silver     | 109-1 | 438446   | 439542   | 433086   | 437025   | 0.79   | cps   |
| Silver     | 107-1 | 459950   | 461986   | 449447   | 457128   | 1.47   | cps   |
| Sodium     | 23-2  | 1236076  | 1229097  | 1221776  | 1228983  | 0.58   | cps   |
| Strontium  | 86-1  | 184909   | 185990   | 183273   | 184724   | 0.74   | cps   |
| Strontium  | 88-1  | 1613061  | 1603982  | 1599932  | 1605658  | 0.42   | cps   |
| Sulfur     | 34-1  | 859020   | 865602   | 857949   | 860857   | 0.48   | cps   |
| Terbium    | 159-1 | 14167460 | 14235777 | 14130916 | 14178051 | 0.38   | cps   |
| Terbium    | 159-2 | 7939238  | 7964608  | 7958526  | 7954124  | 0.17   | cps   |
| Thallium   | 203-1 | 380857   | 384911   | 375119   | 380295   | 1.29   | cps   |
| Thallium   | 205-1 | 903264   | 909116   | 892556   | 901645   | 0.93   | cps   |
| Tin        | 118-1 | 1675     | 1592     | 1884     | 1717     | 8.75   | cps   |
| Titanium   | 47-1  | 1058     | 892      | 1050     | 1000     | 9.39   | cps   |
| Uranium    | 238-1 | 333      | 242      | 383      | 319      | 22.49  | cps   |
| Vanadium   | 51-2  | 995317   | 990740   | 986932   | 990997   | 0.42   | cps   |
| Yttrium    | 89-1  | 11102562 | 11115980 | 11117532 | 11112025 | 0.07   | cps   |
| Yttrium    | 89-2  | 1760652  | 1757475  | 1754548  | 1757558  | 0.17   | cps   |
| Zinc       | 66-2  | 535976   | 531122   | 527548   | 531548   | 0.80   | cps   |
| Zirconium  | 90-1  | 1142     | 1283     | 1192     | 1206     | 5.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG1S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 14:57:04 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 308  | 317  | 311     | 1.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:00:38 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 183      | 183      | 150      | 172      | 11.17  | cps   |
| Antimony   | 121-1 | 825      | 942      | 767      | 845      | 10.55  | cps   |
| Arsenic    | 75-2  | 17       | 15       | 13       | 15       | 12.52  | cps   |
| Barium     | 135-1 | 658      | 617      | 450      | 575      | 19.17  | cps   |
| Barium     | 137-1 | 892      | 925      | 708      | 842      | 13.86  | cps   |
| Beryllium  | 9-1   | 156      | 83       | 111      | 117      | 31.22  | cps   |
| Bismuth    | 209-1 | 8749991  | 8675141  | 8728368  | 8717833  | 0.44   | cps   |
| Bismuth    | 209-2 | 5899009  | 5966917  | 5971119  | 5945682  | 0.68   | cps   |
| Boron      | 10-1  | 408      | 400      | 358      | 389      | 6.89   | cps   |
| Boron      | 11-1  | 1692     | 1775     | 2009     | 1825     | 9.00   | cps   |
| Cadmium    | 111-1 | 1406     | 1352     | 1439     | 1399     | 3.16   | cps   |
| Cadmium    | 106-1 | 3426     | 3292     | 3576     | 3431     | 4.13   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 8        | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 625      | 533      | 700      | 619      | 13.48  | cps   |
| Calcium    | 44-1  | 16568    | 16994    | 17127    | 16896    | 1.73   | cps   |
| Chromium   | 52-2  | 793      | 677      | 823      | 764      | 10.14  | cps   |
| Cobalt     | 59-2  | 127      | 120      | 133      | 127      | 5.27   | cps   |
| Copper     | 63-2  | 5991     | 5925     | 6138     | 6018     | 1.81   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 58       | 42       | 50       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 23       | 7        | 20       | 17       | 52.90  | cps   |
| Gadolinium | 160-1 | 133      | 92       | 133      | 119      | 20.14  | cps   |
| Gadolinium | 160-2 | 140      | 100      | 117      | 119      | 16.90  | cps   |
| Holmium    | 165-1 | 13666618 | 13698051 | 13637460 | 13667376 | 0.22   | cps   |
| Holmium    | 165-2 | 7895982  | 7901377  | 7896546  | 7897968  | 0.04   | cps   |
| Indium     | 115-1 | 10719047 | 10738992 | 10610637 | 10689559 | 0.65   | cps   |
| Indium     | 115-2 | 2307799  | 2327110  | 2326153  | 2320354  | 0.47   | cps   |
| Iron       | 56-2  | 11605    | 11399    | 11722    | 11575    | 1.41   | cps   |
| Iron       | 57-2  | 567      | 494      | 583      | 548      | 8.62   | cps   |
| Lead       | 206-1 | 2389     | 2350     | 2189     | 2310     | 4.59   | cps   |
| Lead       | 207-1 | 1845     | 1834     | 1772     | 1817     | 2.14   | cps   |
| Lead       | 208-1 | 9018     | 8729     | 8557     | 8768     | 2.66   | cps   |
| Lithium    | 6-1   | 3127977  | 3135943  | 3113813  | 3125911  | 0.36   | cps   |
| Magnesium  | 24-2  | 792      | 583      | 708      | 694      | 15.10  | cps   |
| Manganese  | 55-2  | 300      | 283      | 310      | 298      | 4.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:00:38 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 183      | 275      | 292      | 250      | 23.33  | cps   |
| Molybdenum | 95-1  | 117      | 25       | 17       | 53       | 105.13 | cps   |
| Molybdenum | 96-1  | 92       | 75       | 117      | 94       | 22.21  | cps   |
| Molybdenum | 97-1  | 83       | 58       | 83       | 75       | 19.24  | cps   |
| Molybdenum | 98-1  | 75       | 92       | 108      | 92       | 18.18  | cps   |
| Neodymium  | 150-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 187      | 223      | 280      | 230      | 20.45  | cps   |
| Phosphorus | 31-2  | 175      | 167      | 175      | 172      | 2.79   | cps   |
| Potassium  | 39-2  | 34399    | 33639    | 34073    | 34037    | 1.12   | cps   |
| Rhodium    | 103-1 | 9772593  | 9784506  | 9679589  | 9745563  | 0.59   | cps   |
| Rhodium    | 103-2 | 4925329  | 4950178  | 4961236  | 4945581  | 0.37   | cps   |
| Scandium   | 45-1  | 6415310  | 6411448  | 6310686  | 6379148  | 0.93   | cps   |
| Scandium   | 45-2  | 293328   | 296743   | 293789   | 294620   | 0.63   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 61       | 78       | 61       | 67       | 14.44  | cps   |
| Selenium   | 82-1  | -43      | 37       | 78       | 24       | 257.27 | cps   |
| Silicon    | 28-1  | 314564   | 313482   | 314685   | 314244   | 0.21   | cps   |
| Silver     | 109-1 | 1075     | 1250     | 1408     | 1245     | 13.40  | cps   |
| Silver     | 107-1 | 1283     | 1317     | 1200     | 1267     | 4.74   | cps   |
| Sodium     | 23-2  | 29622    | 29388    | 28269    | 29093    | 2.49   | cps   |
| Strontium  | 86-1  | 692      | 758      | 558      | 669      | 15.21  | cps   |
| Strontium  | 88-1  | 1058     | 808      | 817      | 895      | 15.88  | cps   |
| Sulfur     | 34-1  | 342046   | 343506   | 349785   | 345112   | 1.19   | cps   |
| Terbium    | 159-1 | 14034951 | 14045528 | 13870739 | 13983739 | 0.70   | cps   |
| Terbium    | 159-2 | 7789267  | 7863751  | 7767483  | 7806834  | 0.65   | cps   |
| Thallium   | 203-1 | 375      | 325      | 283      | 328      | 14.00  | cps   |
| Thallium   | 205-1 | 917      | 867      | 717      | 833      | 12.49  | cps   |
| Tin        | 118-1 | 1392     | 1275     | 1308     | 1325     | 4.54   | cps   |
| Titanium   | 47-1  | 158      | 150      | 150      | 153      | 3.15   | cps   |
| Uranium    | 238-1 | 25       | 8        | 17       | 17       | 50.01  | cps   |
| Vanadium   | 51-2  | 397      | 397      | 460      | 418      | 8.75   | cps   |
| Yttrium    | 89-1  | 11082684 | 10970890 | 10918890 | 10990822 | 0.76   | cps   |
| Yttrium    | 89-2  | 1721222  | 1719403  | 1724695  | 1721773  | 0.16   | cps   |
| Zinc       | 66-2  | 2467     | 2350     | 2230     | 2349     | 5.04   | cps   |
| Zirconium  | 90-1  | 642      | 600      | 658      | 633      | 4.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:00:38 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 167  | 167  | 147     | 22.87  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:04:11 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142      | 183      | 183      | 169      | 14.20  | cps   |
| Antimony   | 121-1 | 967      | 867      | 933      | 922      | 5.52   | cps   |
| Arsenic    | 75-2  | 9        | 11       | 9        | 10       | 10.81  | cps   |
| Barium     | 135-1 | 325      | 342      | 342      | 336      | 2.86   | cps   |
| Barium     | 137-1 | 533      | 592      | 475      | 533      | 10.94  | cps   |
| Beryllium  | 9-1   | 106      | 117      | 161      | 128      | 23.01  | cps   |
| Bismuth    | 209-1 | 8728679  | 8703891  | 8657782  | 8696784  | 0.41   | cps   |
| Bismuth    | 209-2 | 5990429  | 6117419  | 6087023  | 6064957  | 1.09   | cps   |
| Boron      | 10-1  | 450      | 400      | 383      | 411      | 8.44   | cps   |
| Boron      | 11-1  | 1950     | 2050     | 2017     | 2006     | 2.54   | cps   |
| Cadmium    | 111-1 | 1520     | 1403     | 1431     | 1451     | 4.23   | cps   |
| Cadmium    | 106-1 | 3726     | 3401     | 3559     | 3562     | 4.56   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 13       | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 608      | 600      | 608      | 606      | 0.79   | cps   |
| Calcium    | 44-1  | 16201    | 15650    | 15475    | 15776    | 2.40   | cps   |
| Chromium   | 52-2  | 640      | 553      | 647      | 613      | 8.49   | cps   |
| Cobalt     | 59-2  | 93       | 80       | 90       | 88       | 7.90   | cps   |
| Copper     | 63-2  | 6271     | 6425     | 6535     | 6410     | 2.06   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 17       | 7        | 132.33 | cps   |
| Erbium     | 164-1 | 25       | 42       | 42       | 36       | 26.65  | cps   |
| Erbium     | 164-2 | 27       | 13       | 13       | 18       | 43.33  | cps   |
| Gadolinium | 160-1 | 83       | 50       | 92       | 75       | 29.40  | cps   |
| Gadolinium | 160-2 | 177      | 123      | 183      | 161      | 20.41  | cps   |
| Holmium    | 165-1 | 13544076 | 13554891 | 13441560 | 13513509 | 0.46   | cps   |
| Holmium    | 165-2 | 8029013  | 8075249  | 8070195  | 8058152  | 0.31   | cps   |
| Indium     | 115-1 | 10758973 | 10749167 | 10674764 | 10727635 | 0.43   | cps   |
| Indium     | 115-2 | 2362108  | 2381210  | 2365990  | 2369769  | 0.43   | cps   |
| Iron       | 56-2  | 6935     | 6835     | 7235     | 7002     | 2.97   | cps   |
| Iron       | 57-2  | 450      | 400      | 383      | 411      | 8.44   | cps   |
| Lead       | 206-1 | 1717     | 1567     | 1506     | 1596     | 6.81   | cps   |
| Lead       | 207-1 | 1333     | 1250     | 1233     | 1272     | 4.21   | cps   |
| Lead       | 208-1 | 6106     | 5778     | 5856     | 5914     | 2.90   | cps   |
| Lithium    | 6-1   | 3096978  | 3096641  | 3063303  | 3085641  | 0.63   | cps   |
| Magnesium  | 24-2  | 658      | 725      | 800      | 728      | 9.74   | cps   |
| Manganese  | 55-2  | 203      | 223      | 260      | 229      | 12.56  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:04:11 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 233      | 308      | 233      | 258      | 16.76   | cps   |
| Molybdenum | 95-1  | 67       | 8        | 33       | 36       | 81.06   | cps   |
| Molybdenum | 96-1  | 100      | 100      | 92       | 97       | 4.95    | cps   |
| Molybdenum | 97-1  | 75       | 25       | 33       | 44       | 60.28   | cps   |
| Molybdenum | 98-1  | 17       | 33       | 58       | 36       | 58.08   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 7        | 9        | 114.55  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 160      | 207      | 130      | 166      | 23.34   | cps   |
| Phosphorus | 31-2  | 125      | 167      | 208      | 167      | 25.00   | cps   |
| Potassium  | 39-2  | 36011    | 35160    | 36521    | 35897    | 1.92    | cps   |
| Rhodium    | 103-1 | 9720767  | 9760186  | 9680421  | 9720458  | 0.41    | cps   |
| Rhodium    | 103-2 | 5030156  | 5076315  | 5055439  | 5053970  | 0.46    | cps   |
| Scandium   | 45-1  | 6369698  | 6427081  | 6378230  | 6391670  | 0.48    | cps   |
| Scandium   | 45-2  | 302300   | 305965   | 302507   | 303591   | 0.68    | cps   |
| Selenium   | 77-2  | 7        | 0        | 3        | 3        | 100.05  | cps   |
| Selenium   | 78-2  | 48       | 50       | 74       | 57       | 25.20   | cps   |
| Selenium   | 82-1  | 1        | -48      | 27       | -7       | -562.72 | cps   |
| Silicon    | 28-1  | 313219   | 315813   | 309609   | 312880   | 1.00    | cps   |
| Silver     | 109-1 | 1175     | 1258     | 1267     | 1233     | 4.11    | cps   |
| Silver     | 107-1 | 1150     | 1117     | 1658     | 1308     | 23.20   | cps   |
| Sodium     | 23-2  | 38166    | 39177    | 37189    | 38177    | 2.60    | cps   |
| Strontium  | 86-1  | 725      | 625      | 558      | 636      | 13.19   | cps   |
| Strontium  | 88-1  | 992      | 1092     | 900      | 995      | 9.64    | cps   |
| Sulfur     | 34-1  | 369552   | 371810   | 378258   | 373207   | 1.21    | cps   |
| Terbium    | 159-1 | 14066678 | 14039794 | 13899833 | 14002102 | 0.64    | cps   |
| Terbium    | 159-2 | 7914132  | 8013212  | 7949771  | 7959038  | 0.63    | cps   |
| Thallium   | 203-1 | 133      | 125      | 142      | 133      | 6.25    | cps   |
| Thallium   | 205-1 | 408      | 467      | 300      | 392      | 21.59   | cps   |
| Tin        | 118-1 | 1350     | 1175     | 1267     | 1264     | 6.93    | cps   |
| Titanium   | 47-1  | 83       | 117      | 125      | 108      | 20.35   | cps   |
| Uranium    | 238-1 | 0        | 17       | 17       | 11       | 86.60   | cps   |
| Vanadium   | 51-2  | 377      | 343      | 310      | 343      | 9.71    | cps   |
| Yttrium    | 89-1  | 11008553 | 10996359 | 10935436 | 10980116 | 0.36    | cps   |
| Yttrium    | 89-2  | 1758304  | 1767198  | 1761059  | 1762187  | 0.26    | cps   |
| Zinc       | 66-2  | 2730     | 2747     | 2594     | 2690     | 3.13    | cps   |
| Zirconium  | 90-1  | 592      | 658      | 592      | 614      | 6.27    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:04:11 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 225  | 133  | 169     | 28.82  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:07:44 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 342      | 275      | 358      | 325      | 13.57  | cps   |
| Antimony   | 121-1 | 808      | 842      | 1150     | 933      | 20.18  | cps   |
| Arsenic    | 75-2  | 470      | 481      | 481      | 478      | 1.34   | cps   |
| Barium     | 135-1 | 46997    | 44915    | 46036    | 45983    | 2.27   | cps   |
| Barium     | 137-1 | 80106    | 80869    | 80298    | 80424    | 0.49   | cps   |
| Beryllium  | 9-1   | 78       | 111      | 89       | 93       | 18.33  | cps   |
| Bismuth    | 209-1 | 8345117  | 8281966  | 8287090  | 8304724  | 0.42   | cps   |
| Bismuth    | 209-2 | 5946637  | 5919406  | 5938456  | 5934833  | 0.24   | cps   |
| Boron      | 10-1  | 1492     | 1575     | 1834     | 1633     | 10.91  | cps   |
| Boron      | 11-1  | 7827     | 7669     | 7385     | 7627     | 2.94   | cps   |
| Cadmium    | 111-1 | 1469     | 1454     | 1359     | 1427     | 4.18   | cps   |
| Cadmium    | 106-1 | 3617     | 3576     | 3309     | 3501     | 4.78   | cps   |
| Cadmium    | 108-1 | 50       | 67       | 38       | 51       | 28.48  | cps   |
| Calcium    | 43-1  | 261658   | 261295   | 258234   | 260395   | 0.72   | cps   |
| Calcium    | 44-1  | 4302173  | 4293203  | 4306226  | 4300534  | 0.15   | cps   |
| Chromium   | 52-2  | 430      | 390      | 490      | 437      | 11.53  | cps   |
| Cobalt     | 59-2  | 7806     | 7682     | 7382     | 7623     | 2.86   | cps   |
| Copper     | 63-2  | 4557     | 4571     | 4631     | 4586     | 0.85   | cps   |
| Dysprosium | 156-1 | 0        | 42       | 42       | 28       | 86.60  | cps   |
| Dysprosium | 156-2 | 30       | 17       | 10       | 19       | 53.91  | cps   |
| Erbium     | 164-1 | 58       | 75       | 100      | 78       | 26.96  | cps   |
| Erbium     | 164-2 | 47       | 47       | 37       | 43       | 13.32  | cps   |
| Gadolinium | 160-1 | 142      | 100      | 117      | 119      | 17.55  | cps   |
| Gadolinium | 160-2 | 173      | 167      | 177      | 172      | 2.96   | cps   |
| Holmium    | 165-1 | 13121354 | 12949476 | 12889845 | 12986892 | 0.93   | cps   |
| Holmium    | 165-2 | 7960481  | 7956826  | 7935611  | 7950973  | 0.17   | cps   |
| Indium     | 115-1 | 10254334 | 10153763 | 10132858 | 10180318 | 0.64   | cps   |
| Indium     | 115-2 | 2310724  | 2297717  | 2307065  | 2305168  | 0.29   | cps   |
| Iron       | 56-2  | 2348892  | 2362067  | 2359837  | 2356932  | 0.30   | cps   |
| Iron       | 57-2  | 58210    | 58723    | 58807    | 58580    | 0.55   | cps   |
| Lead       | 206-1 | 1328     | 1311     | 1322     | 1320     | 0.64   | cps   |
| Lead       | 207-1 | 1206     | 1145     | 1033     | 1128     | 7.74   | cps   |
| Lead       | 208-1 | 5173     | 5256     | 5167     | 5199     | 0.96   | cps   |
| Lithium    | 6-1   | 2835298  | 2835056  | 2823582  | 2831312  | 0.24   | cps   |
| Magnesium  | 24-2  | 992492   | 991249   | 1006272  | 996671   | 0.84   | cps   |
| Manganese  | 55-2  | 1217886  | 1225913  | 1221523  | 1221774  | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:07:44 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 550      | 650      | 692      | 631      | 11.55   | cps   |
| Molybdenum | 95-1  | 475      | 742      | 533      | 583      | 24.03   | cps   |
| Molybdenum | 96-1  | 658      | 583      | 625      | 622      | 6.04    | cps   |
| Molybdenum | 97-1  | 325      | 292      | 208      | 275      | 21.85   | cps   |
| Molybdenum | 98-1  | 783      | 775      | 767      | 775      | 1.07    | cps   |
| Neodymium  | 150-1 | 47       | 27       | 20       | 31       | 44.61   | cps   |
| Neodymium  | 150-2 | 27       | 13       | 10       | 17       | 52.93   | cps   |
| Nickel     | 60-2  | 3664     | 3500     | 3577     | 3580     | 2.28    | cps   |
| Phosphorus | 31-2  | 233      | 308      | 267      | 269      | 13.95   | cps   |
| Potassium  | 39-2  | 184568   | 185410   | 187451   | 185809   | 0.80    | cps   |
| Rhodium    | 103-1 | 9293507  | 9194812  | 9253389  | 9247236  | 0.54    | cps   |
| Rhodium    | 103-2 | 4903619  | 4894449  | 4892847  | 4896972  | 0.12    | cps   |
| Scandium   | 45-1  | 6206965  | 6144661  | 6164306  | 6171977  | 0.52    | cps   |
| Scandium   | 45-2  | 297283   | 297553   | 299627   | 298154   | 0.43    | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 69       | 61       | 65       | 65       | 5.72    | cps   |
| Selenium   | 82-1  | 38       | -71      | 11       | -7       | -816.52 | cps   |
| Silicon    | 28-1  | 16800568 | 16776022 | 16736406 | 16770999 | 0.19    | cps   |
| Silver     | 109-1 | 733      | 617      | 733      | 694      | 9.70    | cps   |
| Silver     | 107-1 | 908      | 750      | 825      | 828      | 9.57    | cps   |
| Sodium     | 23-2  | 676230   | 683503   | 681652   | 680462   | 0.56    | cps   |
| Strontium  | 86-1  | 86258    | 87424    | 86518    | 86733    | 0.71    | cps   |
| Strontium  | 88-1  | 742173   | 741394   | 742772   | 742113   | 0.09    | cps   |
| Sulfur     | 34-1  | 753839   | 750902   | 743969   | 749570   | 0.68    | cps   |
| Terbium    | 159-1 | 13484825 | 13447896 | 13414280 | 13449000 | 0.26    | cps   |
| Terbium    | 159-2 | 7810240  | 7817351  | 7821967  | 7816519  | 0.08    | cps   |
| Thallium   | 203-1 | 133      | 150      | 167      | 150      | 11.11   | cps   |
| Thallium   | 205-1 | 250      | 267      | 208      | 242      | 12.43   | cps   |
| Tin        | 118-1 | 883      | 950      | 817      | 883      | 7.55    | cps   |
| Titanium   | 47-1  | 450      | 542      | 333      | 442      | 23.64   | cps   |
| Uranium    | 238-1 | 117      | 183      | 100      | 133      | 33.07   | cps   |
| Vanadium   | 51-2  | 243      | 253      | 280      | 259      | 7.32    | cps   |
| Yttrium    | 89-1  | 10567284 | 10525372 | 10542268 | 10544975 | 0.20    | cps   |
| Yttrium    | 89-2  | 1735296  | 1722697  | 1735647  | 1731213  | 0.43    | cps   |
| Zinc       | 66-2  | 401174   | 403276   | 402550   | 402334   | 0.27    | cps   |
| Zirconium  | 90-1  | 867      | 1042     | 1075     | 995      | 11.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-10DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG4              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:07:44 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 200  | 300  | 236     | 23.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 15:11:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 183      | 267      | 350      | 267      | 31.25  | cps   |
| Antimony   | 121-1 | 542      | 583      | 600      | 575      | 5.23   | cps   |
| Arsenic    | 75-2  | 756      | 807      | 802      | 788      | 3.61   | cps   |
| Barium     | 135-1 | 12006    | 12414    | 11981    | 12134    | 2.01   | cps   |
| Barium     | 137-1 | 21476    | 22177    | 21918    | 21857    | 1.62   | cps   |
| Beryllium  | 9-1   | 56       | 61       | 89       | 69       | 26.06  | cps   |
| Bismuth    | 209-1 | 8446531  | 8439819  | 8390840  | 8425730  | 0.36   | cps   |
| Bismuth    | 209-2 | 5799966  | 5821198  | 5822203  | 5814456  | 0.22   | cps   |
| Boron      | 10-1  | 683      | 733      | 858      | 758      | 11.89  | cps   |
| Boron      | 11-1  | 4017     | 4067     | 3517     | 3867     | 7.87   | cps   |
| Cadmium    | 111-1 | 1509     | 1369     | 1481     | 1453     | 5.13   | cps   |
| Cadmium    | 106-1 | 3751     | 3367     | 3601     | 3573     | 5.41   | cps   |
| Cadmium    | 108-1 | 71       | 71       | 54       | 65       | 14.74  | cps   |
| Calcium    | 43-1  | 119773   | 118018   | 119949   | 119247   | 0.90   | cps   |
| Calcium    | 44-1  | 1940246  | 1934144  | 1928037  | 1934143  | 0.32   | cps   |
| Chromium   | 52-2  | 483      | 357      | 413      | 418      | 15.19  | cps   |
| Cobalt     | 59-2  | 5628     | 5681     | 5321     | 5543     | 3.51   | cps   |
| Copper     | 63-2  | 3187     | 3084     | 3174     | 3148     | 1.79   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 42       | 31       | 41.66  | cps   |
| Dysprosium | 156-2 | 17       | 27       | 3        | 16       | 75.27  | cps   |
| Erbium     | 164-1 | 75       | 75       | 50       | 67       | 21.65  | cps   |
| Erbium     | 164-2 | 30       | 43       | 27       | 33       | 26.45  | cps   |
| Gadolinium | 160-1 | 150      | 83       | 100      | 111      | 31.23  | cps   |
| Gadolinium | 160-2 | 170      | 140      | 210      | 173      | 20.26  | cps   |
| Holmium    | 165-1 | 13211534 | 13099611 | 13118666 | 13143270 | 0.46   | cps   |
| Holmium    | 165-2 | 7647905  | 7694637  | 7630327  | 7657623  | 0.43   | cps   |
| Indium     | 115-1 | 10261046 | 10263921 | 10198677 | 10241215 | 0.36   | cps   |
| Indium     | 115-2 | 2234508  | 2232643  | 2248754  | 2238635  | 0.39   | cps   |
| Iron       | 56-2  | 6259347  | 6273564  | 6251875  | 6261595  | 0.18   | cps   |
| Iron       | 57-2  | 148947   | 149408   | 149267   | 149207   | 0.16   | cps   |
| Lead       | 206-1 | 694      | 706      | 661      | 687      | 3.37   | cps   |
| Lead       | 207-1 | 561      | 428      | 533      | 507      | 13.86  | cps   |
| Lead       | 208-1 | 2450     | 2495     | 2311     | 2419     | 3.95   | cps   |
| Lithium    | 6-1   | 2812783  | 2803472  | 2781598  | 2799284  | 0.57   | cps   |
| Magnesium  | 24-2  | 526972   | 530578   | 526501   | 528017   | 0.42   | cps   |
| Manganese  | 55-2  | 1342761  | 1348966  | 1349048  | 1346925  | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 15:11:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 708      | 567      | 683      | 15.57  | cps   |
| Molybdenum | 95-1  | 792      | 708      | 608      | 703      | 13.06  | cps   |
| Molybdenum | 96-1  | 575      | 800      | 858      | 745      | 20.10  | cps   |
| Molybdenum | 97-1  | 400      | 392      | 375      | 389      | 3.27   | cps   |
| Molybdenum | 98-1  | 1150     | 1083     | 950      | 1061     | 9.60   | cps   |
| Neodymium  | 150-1 | 20       | 40       | 27       | 29       | 35.25  | cps   |
| Neodymium  | 150-2 | 13       | 13       | 10       | 12       | 15.73  | cps   |
| Nickel     | 60-2  | 1010     | 987      | 990      | 996      | 1.27   | cps   |
| Phosphorus | 31-2  | 217      | 292      | 217      | 242      | 17.92  | cps   |
| Potassium  | 39-2  | 91339    | 90635    | 91104    | 91026    | 0.39   | cps   |
| Rhodium    | 103-1 | 9414778  | 9350371  | 9336411  | 9367187  | 0.45   | cps   |
| Rhodium    | 103-2 | 4751708  | 4755051  | 4772596  | 4759785  | 0.24   | cps   |
| Scandium   | 45-1  | 6248574  | 6249929  | 6232881  | 6243795  | 0.15   | cps   |
| Scandium   | 45-2  | 289065   | 290509   | 288882   | 289485   | 0.31   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 81       | 81       | 57       | 73       | 18.92  | cps   |
| Selenium   | 82-1  | 33       | 15       | 1        | 16       | 100.26 | cps   |
| Silicon    | 28-1  | 9299126  | 9297142  | 9250746  | 9282338  | 0.29   | cps   |
| Silver     | 109-1 | 467      | 458      | 442      | 456      | 2.80   | cps   |
| Silver     | 107-1 | 433      | 583      | 483      | 500      | 15.28  | cps   |
| Sodium     | 23-2  | 401641   | 404459   | 396678   | 400926   | 0.98   | cps   |
| Strontium  | 86-1  | 62227    | 60905    | 61675    | 61602    | 1.08   | cps   |
| Strontium  | 88-1  | 534372   | 530433   | 531416   | 532074   | 0.39   | cps   |
| Sulfur     | 34-1  | 552295   | 556426   | 550083   | 552935   | 0.58   | cps   |
| Terbium    | 159-1 | 13637189 | 13615345 | 13371275 | 13541270 | 1.09   | cps   |
| Terbium    | 159-2 | 7593171  | 7603114  | 7570853  | 7589046  | 0.22   | cps   |
| Thallium   | 203-1 | 75       | 175      | 50       | 100      | 66.15  | cps   |
| Thallium   | 205-1 | 300      | 275      | 258      | 278      | 7.55   | cps   |
| Tin        | 118-1 | 683      | 667      | 808      | 719      | 10.76  | cps   |
| Titanium   | 47-1  | 300      | 317      | 292      | 303      | 4.21   | cps   |
| Uranium    | 238-1 | 167      | 200      | 225      | 197      | 14.84  | cps   |
| Vanadium   | 51-2  | 130      | 150      | 113      | 131      | 14.00  | cps   |
| Yttrium    | 89-1  | 10663223 | 10590169 | 10726444 | 10659946 | 0.64   | cps   |
| Yttrium    | 89-2  | 1677195  | 1685675  | 1686553  | 1683141  | 0.31   | cps   |
| Zinc       | 66-2  | 551285   | 557392   | 557138   | 555272   | 0.62   | cps   |
| Zirconium  | 90-1  | 1042     | 975      | 925      | 981      | 5.97   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-11DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG5              | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-05-16 15:11:17 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 167  | 117  | 164     | 28.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-05-16 15:14:50 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 83       | 92       | 92       | 9.09   | cps   |
| Antimony   | 121-1 | 267      | 383      | 292      | 314      | 19.57  | cps   |
| Arsenic    | 75-2  | 298      | 372      | 365      | 345      | 11.82  | cps   |
| Barium     | 135-1 | 6819     | 6610     | 6727     | 6719     | 1.56   | cps   |
| Barium     | 137-1 | 12715    | 12147    | 12806    | 12556    | 2.84   | cps   |
| Beryllium  | 9-1   | 83       | 122      | 106      | 104      | 18.81  | cps   |
| Bismuth    | 209-1 | 8263399  | 8310573  | 8424920  | 8332964  | 1.00   | cps   |
| Bismuth    | 209-2 | 5782790  | 5804166  | 5839841  | 5808932  | 0.50   | cps   |
| Boron      | 10-1  | 517      | 458      | 483      | 486      | 6.02   | cps   |
| Boron      | 11-1  | 2175     | 2084     | 2375     | 2211     | 6.75   | cps   |
| Cadmium    | 111-1 | 1397     | 1394     | 1469     | 1420     | 3.02   | cps   |
| Cadmium    | 106-1 | 3509     | 3459     | 3717     | 3562     | 3.85   | cps   |
| Cadmium    | 108-1 | 58       | 38       | 54       | 50       | 22.05  | cps   |
| Calcium    | 43-1  | 105499   | 108755   | 108631   | 107629   | 1.71   | cps   |
| Calcium    | 44-1  | 1738131  | 1761394  | 1763649  | 1754391  | 0.81   | cps   |
| Chromium   | 52-2  | 260      | 217      | 253      | 243      | 9.59   | cps   |
| Cobalt     | 59-2  | 3330     | 3097     | 3524     | 3317     | 6.44   | cps   |
| Copper     | 63-2  | 2260     | 2450     | 2420     | 2377     | 4.30   | cps   |
| Dysprosium | 156-1 | 33       | 42       | 33       | 36       | 13.33  | cps   |
| Dysprosium | 156-2 | 10       | 13       | 17       | 13       | 25.01  | cps   |
| Erbium     | 164-1 | 67       | 75       | 42       | 61       | 28.38  | cps   |
| Erbium     | 164-2 | 47       | 37       | 50       | 44       | 15.61  | cps   |
| Gadolinium | 160-1 | 142      | 92       | 125      | 119      | 21.31  | cps   |
| Gadolinium | 160-2 | 163      | 150      | 167      | 160      | 5.51   | cps   |
| Holmium    | 165-1 | 12668385 | 12907596 | 13054367 | 12876782 | 1.51   | cps   |
| Holmium    | 165-2 | 7629763  | 7607047  | 7680593  | 7639134  | 0.49   | cps   |
| Indium     | 115-1 | 9900714  | 10105648 | 10105082 | 10037148 | 1.18   | cps   |
| Indium     | 115-2 | 2231068  | 2223452  | 2263093  | 2239205  | 0.94   | cps   |
| Iron       | 56-2  | 1503816  | 1503314  | 1503200  | 1503443  | 0.02   | cps   |
| Iron       | 57-2  | 37170    | 37593    | 37526    | 37430    | 0.61   | cps   |
| Lead       | 206-1 | 644      | 733      | 556      | 644      | 13.79  | cps   |
| Lead       | 207-1 | 494      | 567      | 489      | 517      | 8.40   | cps   |
| Lead       | 208-1 | 2395     | 2606     | 2406     | 2469     | 4.81   | cps   |
| Lithium    | 6-1   | 2743938  | 2771420  | 2783781  | 2766380  | 0.74   | cps   |
| Magnesium  | 24-2  | 297887   | 300606   | 301712   | 300068   | 0.66   | cps   |
| Manganese  | 55-2  | 426990   | 425703   | 429124   | 427273   | 0.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-05-16 15:14:50 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 283      | 317      | 367      | 322      | 13.02  | cps   |
| Molybdenum | 95-1  | 142      | 292      | 300      | 244      | 36.45  | cps   |
| Molybdenum | 96-1  | 300      | 200      | 217      | 239      | 22.43  | cps   |
| Molybdenum | 97-1  | 133      | 200      | 108      | 147      | 32.19  | cps   |
| Molybdenum | 98-1  | 383      | 158      | 442      | 328      | 45.65  | cps   |
| Neodymium  | 150-1 | 20       | 20       | 53       | 31       | 61.87  | cps   |
| Neodymium  | 150-2 | 20       | 13       | 7        | 13       | 49.99  | cps   |
| Nickel     | 60-2  | 1037     | 1123     | 1120     | 1093     | 4.49   | cps   |
| Phosphorus | 31-2  | 217      | 133      | 267      | 206      | 32.77  | cps   |
| Potassium  | 39-2  | 80695    | 81047    | 82052    | 81264    | 0.87   | cps   |
| Rhodium    | 103-1 | 9156006  | 9257195  | 9350758  | 9254653  | 1.05   | cps   |
| Rhodium    | 103-2 | 4723689  | 4722120  | 4798287  | 4748032  | 0.92   | cps   |
| Scandium   | 45-1  | 6071028  | 6183176  | 6196643  | 6150282  | 1.12   | cps   |
| Scandium   | 45-2  | 290921   | 292384   | 292628   | 291978   | 0.32   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 70       | 63       | 72       | 69       | 7.15   | cps   |
| Selenium   | 82-1  | -104     | -78      | -46      | -76      | -38.47 | cps   |
| Silicon    | 28-1  | 3989187  | 4019262  | 4097355  | 4035268  | 1.38   | cps   |
| Silver     | 109-1 | 325      | 300      | 292      | 306      | 5.68   | cps   |
| Silver     | 107-1 | 342      | 392      | 308      | 347      | 12.08  | cps   |
| Sodium     | 23-2  | 603086   | 612389   | 606769   | 607414   | 0.77   | cps   |
| Strontium  | 86-1  | 32555    | 32195    | 32755    | 32502    | 0.87   | cps   |
| Strontium  | 88-1  | 268724   | 277374   | 276441   | 274180   | 1.73   | cps   |
| Sulfur     | 34-1  | 589714   | 596496   | 603032   | 596414   | 1.12   | cps   |
| Terbium    | 159-1 | 13165827 | 13287754 | 13491327 | 13314970 | 1.24   | cps   |
| Terbium    | 159-2 | 7544592  | 7504835  | 7548816  | 7532748  | 0.32   | cps   |
| Thallium   | 203-1 | 67       | 100      | 100      | 89       | 21.65  | cps   |
| Thallium   | 205-1 | 158      | 225      | 250      | 211      | 22.45  | cps   |
| Tin        | 118-1 | 767      | 767      | 692      | 742      | 5.84   | cps   |
| Titanium   | 47-1  | 150      | 150      | 250      | 183      | 31.49  | cps   |
| Uranium    | 238-1 | 67       | 142      | 67       | 92       | 47.24  | cps   |
| Vanadium   | 51-2  | 73       | 73       | 67       | 71       | 5.41   | cps   |
| Yttrium    | 89-1  | 10334941 | 10512213 | 10535544 | 10460899 | 1.05   | cps   |
| Yttrium    | 89-2  | 1673777  | 1676662  | 1686756  | 1679065  | 0.41   | cps   |
| Zinc       | 66-2  | 374328   | 374723   | 377084   | 375378   | 0.40   | cps   |
| Zirconium  | 90-1  | 692      | 750      | 683      | 708      | 5.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-12DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG6              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-05-16 15:14:50 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 175  | 158  | 164     | 5.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:18:24 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 217      | 183      | 150      | 183      | 18.18  | cps   |
| Antimony   | 121-1 | 1333     | 1292     | 1417     | 1347     | 4.72   | cps   |
| Arsenic    | 75-2  | 61       | 39       | 37       | 46       | 29.32  | cps   |
| Barium     | 135-1 | 31554    | 31570    | 30376    | 31167    | 2.20   | cps   |
| Barium     | 137-1 | 53663    | 52643    | 54750    | 53685    | 1.96   | cps   |
| Beryllium  | 9-1   | 144      | 100      | 94       | 113      | 24.26  | cps   |
| Bismuth    | 209-1 | 8597143  | 8496138  | 8476303  | 8523195  | 0.76   | cps   |
| Bismuth    | 209-2 | 5939754  | 5970353  | 5985378  | 5965162  | 0.39   | cps   |
| Boron      | 10-1  | 1934     | 1792     | 1625     | 1784     | 8.65   | cps   |
| Boron      | 11-1  | 7511     | 8111     | 7702     | 7775     | 3.94   | cps   |
| Cadmium    | 111-1 | 8873     | 8377     | 8247     | 8499     | 3.89   | cps   |
| Cadmium    | 106-1 | 4167     | 4059     | 4109     | 4112     | 1.32   | cps   |
| Cadmium    | 108-1 | 563      | 538      | 621      | 574      | 7.46   | cps   |
| Calcium    | 43-1  | 387125   | 385829   | 379894   | 384283   | 1.00   | cps   |
| Calcium    | 44-1  | 6366853  | 6372161  | 6344526  | 6361180  | 0.23   | cps   |
| Chromium   | 52-2  | 467      | 470      | 460      | 466      | 1.09   | cps   |
| Cobalt     | 59-2  | 2787     | 2727     | 2677     | 2730     | 2.02   | cps   |
| Copper     | 63-2  | 4137     | 4021     | 4147     | 4102     | 1.72   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 25       | 31       | 31.50  | cps   |
| Dysprosium | 156-2 | 23       | 17       | 20       | 20       | 16.65  | cps   |
| Erbium     | 164-1 | 75       | 75       | 75       | 75       | 0.00   | cps   |
| Erbium     | 164-2 | 37       | 40       | 23       | 33       | 26.47  | cps   |
| Gadolinium | 160-1 | 108      | 58       | 92       | 86       | 29.56  | cps   |
| Gadolinium | 160-2 | 203      | 167      | 193      | 188      | 10.09  | cps   |
| Holmium    | 165-1 | 13402741 | 13396420 | 13258996 | 13352719 | 0.61   | cps   |
| Holmium    | 165-2 | 7963771  | 7959982  | 7987061  | 7970271  | 0.18   | cps   |
| Indium     | 115-1 | 10534849 | 10513057 | 10436747 | 10494884 | 0.49   | cps   |
| Indium     | 115-2 | 2327300  | 2321044  | 2332555  | 2326966  | 0.25   | cps   |
| Iron       | 56-2  | 22189    | 21460    | 21049    | 21566    | 2.68   | cps   |
| Iron       | 57-2  | 2156     | 1961     | 2128     | 2082     | 5.05   | cps   |
| Lead       | 206-1 | 1183     | 1183     | 1339     | 1235     | 7.27   | cps   |
| Lead       | 207-1 | 972      | 978      | 1022     | 991      | 2.77   | cps   |
| Lead       | 208-1 | 4662     | 4484     | 4728     | 4625     | 2.73   | cps   |
| Lithium    | 6-1   | 2951695  | 2914488  | 2923068  | 2929750  | 0.66   | cps   |
| Magnesium  | 24-2  | 879180   | 888052   | 883961   | 883731   | 0.50   | cps   |
| Manganese  | 55-2  | 1151261  | 1158984  | 1150981  | 1153742  | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:18:24 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 392      | 350      | 467      | 403      | 14.68  | cps   |
| Molybdenum | 95-1  | 208      | 275      | 308      | 264      | 19.30  | cps   |
| Molybdenum | 96-1  | 317      | 317      | 383      | 339      | 11.36  | cps   |
| Molybdenum | 97-1  | 200      | 175      | 217      | 197      | 10.63  | cps   |
| Molybdenum | 98-1  | 425      | 392      | 417      | 411      | 4.22   | cps   |
| Neodymium  | 150-1 | 13       | 53       | 80       | 49       | 68.64  | cps   |
| Neodymium  | 150-2 | 13       | 20       | 20       | 18       | 21.66  | cps   |
| Nickel     | 60-2  | 2104     | 1960     | 1920     | 1995     | 4.83   | cps   |
| Phosphorus | 31-2  | 158      | 250      | 258      | 222      | 24.97  | cps   |
| Potassium  | 39-2  | 294083   | 295149   | 297035   | 295422   | 0.51   | cps   |
| Rhodium    | 103-1 | 9561091  | 9582141  | 9503831  | 9549021  | 0.42   | cps   |
| Rhodium    | 103-2 | 4901714  | 4899727  | 4915853  | 4905765  | 0.18   | cps   |
| Scandium   | 45-1  | 6466554  | 6427703  | 6418847  | 6437701  | 0.39   | cps   |
| Scandium   | 45-2  | 303741   | 303047   | 303295   | 303361   | 0.12   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 89       | 61       | 111      | 87       | 28.78  | cps   |
| Selenium   | 82-1  | 75       | -2       | 75       | 50       | 89.62  | cps   |
| Silicon    | 28-1  | 11964322 | 11983120 | 11790801 | 11912748 | 0.89   | cps   |
| Silver     | 109-1 | 775      | 733      | 767      | 758      | 2.91   | cps   |
| Silver     | 107-1 | 983      | 967      | 808      | 920      | 10.51  | cps   |
| Sodium     | 23-2  | 645340   | 645125   | 644839   | 645102   | 0.04   | cps   |
| Strontium  | 86-1  | 105470   | 106972   | 106627   | 106356   | 0.74   | cps   |
| Strontium  | 88-1  | 934035   | 925912   | 921080   | 927009   | 0.71   | cps   |
| Sulfur     | 34-1  | 983856   | 983580   | 973656   | 980364   | 0.59   | cps   |
| Terbium    | 159-1 | 13881824 | 13771510 | 13675989 | 13776441 | 0.75   | cps   |
| Terbium    | 159-2 | 7866646  | 7807463  | 7837203  | 7837104  | 0.38   | cps   |
| Thallium   | 203-1 | 142      | 150      | 192      | 161      | 16.63  | cps   |
| Thallium   | 205-1 | 300      | 300      | 317      | 306      | 3.15   | cps   |
| Tin        | 118-1 | 1025     | 892      | 908      | 942      | 7.71   | cps   |
| Titanium   | 47-1  | 300      | 375      | 425      | 367      | 17.16  | cps   |
| Uranium    | 238-1 | 450      | 500      | 492      | 481      | 5.57   | cps   |
| Vanadium   | 51-2  | 187      | 193      | 153      | 178      | 12.05  | cps   |
| Yttrium    | 89-1  | 10893247 | 10873935 | 10859586 | 10875589 | 0.16   | cps   |
| Yttrium    | 89-2  | 1734536  | 1753832  | 1749110  | 1745826  | 0.58   | cps   |
| Zinc       | 66-2  | 468948   | 470569   | 468948   | 469488   | 0.20   | cps   |
| Zirconium  | 90-1  | 608      | 892      | 833      | 778      | 19.24  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-13DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-05-16 15:18:24 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 225  | 167  | 181     | 21.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:25:31 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 42       | 58       | 42       | 47       | 20.38  | cps   |
| Antimony   | 121-1 | 100      | 100      | 83       | 94       | 10.19  | cps   |
| Arsenic    | 75-2  | 2        | 0        | 9        | 4        | 132.32 | cps   |
| Barium     | 135-1 | 67       | 58       | 50       | 58       | 14.29  | cps   |
| Barium     | 137-1 | 100      | 50       | 100      | 83       | 34.64  | cps   |
| Beryllium  | 9-1   | 83       | 83       | 100      | 89       | 10.82  | cps   |
| Bismuth    | 209-1 | 9270781  | 9188092  | 9043557  | 9167476  | 1.25   | cps   |
| Bismuth    | 209-2 | 6378356  | 6343612  | 6343285  | 6355084  | 0.32   | cps   |
| Boron      | 10-1  | 133      | 208      | 117      | 153      | 31.96  | cps   |
| Boron      | 11-1  | 767      | 667      | 608      | 681      | 11.77  | cps   |
| Cadmium    | 111-1 | 1482     | 1436     | 1417     | 1445     | 2.31   | cps   |
| Cadmium    | 106-1 | 3701     | 3584     | 3526     | 3603     | 2.47   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 4        | 8        | 86.57  | cps   |
| Calcium    | 43-1  | 458      | 467      | 525      | 483      | 7.52   | cps   |
| Calcium    | 44-1  | 14291    | 13181    | 13256    | 13576    | 4.57   | cps   |
| Chromium   | 52-2  | 137      | 147      | 187      | 157      | 16.89  | cps   |
| Cobalt     | 59-2  | 57       | 43       | 77       | 59       | 28.49  | cps   |
| Copper     | 63-2  | 1480     | 1630     | 1410     | 1507     | 7.46   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 75       | 58       | 75       | 69       | 13.85  | cps   |
| Erbium     | 164-2 | 30       | 33       | 37       | 33       | 10.01  | cps   |
| Gadolinium | 160-1 | 108      | 67       | 125      | 100      | 30.05  | cps   |
| Gadolinium | 160-2 | 140      | 147      | 157      | 148      | 5.68   | cps   |
| Holmium    | 165-1 | 14190232 | 14139390 | 13952096 | 14093906 | 0.89   | cps   |
| Holmium    | 165-2 | 8401159  | 8329014  | 8249098  | 8326423  | 0.91   | cps   |
| Indium     | 115-1 | 11170149 | 11093594 | 11012908 | 11092217 | 0.71   | cps   |
| Indium     | 115-2 | 2451117  | 2426161  | 2429186  | 2435488  | 0.56   | cps   |
| Iron       | 56-2  | 3851     | 3967     | 4112     | 3977     | 3.29   | cps   |
| Iron       | 57-2  | 328      | 333      | 372      | 344      | 7.03   | cps   |
| Lead       | 206-1 | 533      | 417      | 450      | 467      | 12.88  | cps   |
| Lead       | 207-1 | 333      | 422      | 317      | 357      | 15.88  | cps   |
| Lead       | 208-1 | 1800     | 1733     | 1750     | 1761     | 1.97   | cps   |
| Lithium    | 6-1   | 3119644  | 3077736  | 3063107  | 3086829  | 0.95   | cps   |
| Magnesium  | 24-2  | 433      | 558      | 608      | 533      | 16.90  | cps   |
| Manganese  | 55-2  | 100      | 73       | 90       | 88       | 15.35  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:25:31 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 167      | 225      | 192      | 194      | 15.05  | cps   |
| Molybdenum | 95-1  | 17       | 75       | 17       | 36       | 93.25  | cps   |
| Molybdenum | 96-1  | 50       | 83       | 117      | 83       | 40.00  | cps   |
| Molybdenum | 97-1  | 33       | 33       | 25       | 31       | 15.74  | cps   |
| Molybdenum | 98-1  | 8        | 42       | 25       | 25       | 66.68  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 140      | 93       | 110      | 114      | 20.66  | cps   |
| Phosphorus | 31-2  | 158      | 142      | 125      | 142      | 11.76  | cps   |
| Potassium  | 39-2  | 34474    | 35393    | 35677    | 35182    | 1.79   | cps   |
| Rhodium    | 103-1 | 10282708 | 10231146 | 10078796 | 10197550 | 1.04   | cps   |
| Rhodium    | 103-2 | 5210660  | 5166451  | 5171623  | 5182912  | 0.47   | cps   |
| Scandium   | 45-1  | 6847230  | 6732755  | 6730975  | 6770320  | 0.98   | cps   |
| Scandium   | 45-2  | 322884   | 320035   | 317111   | 320010   | 0.90   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 63       | 67       | 72       | 67       | 6.93   | cps   |
| Selenium   | 82-1  | 30       | 55       | -11      | 25       | 134.86 | cps   |
| Silicon    | 28-1  | 330946   | 328148   | 328564   | 329219   | 0.46   | cps   |
| Silver     | 109-1 | 183      | 183      | 133      | 167      | 17.32  | cps   |
| Silver     | 107-1 | 200      | 158      | 208      | 189      | 14.18  | cps   |
| Sodium     | 23-2  | 16952    | 16668    | 17102    | 16907    | 1.30   | cps   |
| Strontium  | 86-1  | 700      | 867      | 733      | 767      | 11.50  | cps   |
| Strontium  | 88-1  | 1959     | 1775     | 1984     | 1906     | 5.97   | cps   |
| Sulfur     | 34-1  | 404862   | 407443   | 405906   | 406070   | 0.32   | cps   |
| Terbium    | 159-1 | 14699803 | 14522406 | 14397995 | 14540068 | 1.04   | cps   |
| Terbium    | 159-2 | 8287271  | 8235687  | 8132279  | 8218412  | 0.96   | cps   |
| Thallium   | 203-1 | 100      | 100      | 50       | 83       | 34.64  | cps   |
| Thallium   | 205-1 | 225      | 158      | 125      | 169      | 30.05  | cps   |
| Tin        | 118-1 | 225      | 333      | 217      | 258      | 25.19  | cps   |
| Titanium   | 47-1  | 83       | 58       | 100      | 81       | 26.03  | cps   |
| Uranium    | 238-1 | 33       | 17       | 17       | 22       | 43.28  | cps   |
| Vanadium   | 51-2  | 70       | 50       | 57       | 59       | 17.29  | cps   |
| Yttrium    | 89-1  | 11680821 | 11474773 | 11400841 | 11518811 | 1.26   | cps   |
| Yttrium    | 89-2  | 1846711  | 1831256  | 1821310  | 1833092  | 0.70   | cps   |
| Zinc       | 66-2  | 433      | 477      | 500      | 470      | 7.20   | cps   |
| Zirconium  | 90-1  | 542      | 667      | 608      | 606      | 10.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:25:31 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 108  | 125  | 164     | 50.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:29:04 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 83       | 50       | 61       | 31.50  | cps   |
| Antimony   | 121-1 | 92       | 58       | 33       | 61       | 47.89  | cps   |
| Arsenic    | 75-2  | 6        | 2        | 4        | 4        | 50.09  | cps   |
| Barium     | 135-1 | 67       | 58       | 33       | 53       | 32.88  | cps   |
| Barium     | 137-1 | 125      | 67       | 75       | 89       | 35.50  | cps   |
| Beryllium  | 9-1   | 106      | 61       | 117      | 94       | 31.13  | cps   |
| Bismuth    | 209-1 | 9118560  | 9060942  | 8942839  | 9040780  | 0.99   | cps   |
| Bismuth    | 209-2 | 6401268  | 6374003  | 6316401  | 6363891  | 0.68   | cps   |
| Boron      | 10-1  | 158      | 133      | 150      | 147      | 8.65   | cps   |
| Boron      | 11-1  | 533      | 725      | 658      | 639      | 15.23  | cps   |
| Cadmium    | 111-1 | 1511     | 1307     | 1330     | 1383     | 8.08   | cps   |
| Cadmium    | 106-1 | 3776     | 3251     | 3317     | 3448     | 8.29   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 450      | 383      | 475      | 436      | 10.87  | cps   |
| Calcium    | 44-1  | 12464    | 12064    | 11680    | 12069    | 3.25   | cps   |
| Chromium   | 52-2  | 137      | 147      | 143      | 142      | 3.58   | cps   |
| Cobalt     | 59-2  | 50       | 60       | 37       | 49       | 23.94  | cps   |
| Copper     | 63-2  | 1297     | 1317     | 1353     | 1322     | 2.17   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 25       | 50       | 47       | 44.41  | cps   |
| Erbium     | 164-2 | 10       | 20       | 17       | 16       | 32.73  | cps   |
| Gadolinium | 160-1 | 92       | 67       | 108      | 89       | 23.59  | cps   |
| Gadolinium | 160-2 | 170      | 183      | 163      | 172      | 5.91   | cps   |
| Holmium    | 165-1 | 14061875 | 13963350 | 13790423 | 13938549 | 0.99   | cps   |
| Holmium    | 165-2 | 8384792  | 8355897  | 8211039  | 8317243  | 1.12   | cps   |
| Indium     | 115-1 | 11083106 | 10929166 | 10739718 | 10917330 | 1.58   | cps   |
| Indium     | 115-2 | 2461439  | 2447032  | 2409315  | 2439262  | 1.10   | cps   |
| Iron       | 56-2  | 3389     | 3767     | 3545     | 3567     | 5.32   | cps   |
| Iron       | 57-2  | 367      | 350      | 333      | 350      | 4.76   | cps   |
| Lead       | 206-1 | 400      | 372      | 467      | 413      | 11.75  | cps   |
| Lead       | 207-1 | 367      | 467      | 361      | 398      | 14.92  | cps   |
| Lead       | 208-1 | 1695     | 1906     | 1778     | 1793     | 5.93   | cps   |
| Lithium    | 6-1   | 3081670  | 3061352  | 2998754  | 3047259  | 1.42   | cps   |
| Magnesium  | 24-2  | 525      | 567      | 517      | 536      | 5.00   | cps   |
| Manganese  | 55-2  | 60       | 103      | 83       | 82       | 26.38  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:29:04 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 233      | 350      | 183      | 256      | 33.47  | cps   |
| Molybdenum | 95-1  | 50       | 75       | 33       | 53       | 39.74  | cps   |
| Molybdenum | 96-1  | 83       | 92       | 75       | 83       | 10.00  | cps   |
| Molybdenum | 97-1  | 17       | 83       | 0        | 33       | 132.28 | cps   |
| Molybdenum | 98-1  | 33       | 58       | 25       | 39       | 44.62  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 120      | 90       | 160      | 123      | 28.47  | cps   |
| Phosphorus | 31-2  | 183      | 142      | 133      | 153      | 17.53  | cps   |
| Potassium  | 39-2  | 35427    | 34984    | 34491    | 34967    | 1.34   | cps   |
| Rhodium    | 103-1 | 10238252 | 10112285 | 9916374  | 10088970 | 1.61   | cps   |
| Rhodium    | 103-2 | 5219747  | 5217801  | 5138910  | 5192153  | 0.89   | cps   |
| Scandium   | 45-1  | 6829701  | 6726223  | 6646190  | 6734038  | 1.37   | cps   |
| Scandium   | 45-2  | 326571   | 320377   | 316613   | 321187   | 1.57   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 56       | 80       | 54       | 63       | 22.97  | cps   |
| Selenium   | 82-1  | 29       | 78       | 0        | 36       | 110.79 | cps   |
| Silicon    | 28-1  | 331840   | 329971   | 331883   | 331232   | 0.33   | cps   |
| Silver     | 109-1 | 183      | 125      | 175      | 161      | 19.58  | cps   |
| Silver     | 107-1 | 175      | 167      | 192      | 178      | 7.16   | cps   |
| Sodium     | 23-2  | 16718    | 16902    | 16735    | 16785    | 0.60   | cps   |
| Strontium  | 86-1  | 842      | 983      | 858      | 895      | 8.66   | cps   |
| Strontium  | 88-1  | 1909     | 1934     | 1742     | 1861     | 5.60   | cps   |
| Sulfur     | 34-1  | 405985   | 408844   | 410162   | 408331   | 0.52   | cps   |
| Terbium    | 159-1 | 14540081 | 14375096 | 14241601 | 14385593 | 1.04   | cps   |
| Terbium    | 159-2 | 8274686  | 8215727  | 8100837  | 8197083  | 1.08   | cps   |
| Thallium   | 203-1 | 25       | 75       | 67       | 56       | 48.22  | cps   |
| Thallium   | 205-1 | 200      | 167      | 133      | 167      | 20.00  | cps   |
| Tin        | 118-1 | 200      | 233      | 300      | 244      | 20.83  | cps   |
| Titanium   | 47-1  | 150      | 58       | 75       | 94       | 51.70  | cps   |
| Uranium    | 238-1 | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Vanadium   | 51-2  | 80       | 47       | 60       | 62       | 26.96  | cps   |
| Yttrium    | 89-1  | 11601419 | 11424394 | 11257519 | 11427778 | 1.50   | cps   |
| Yttrium    | 89-2  | 1842166  | 1834111  | 1822194  | 1832824  | 0.55   | cps   |
| Zinc       | 66-2  | 540      | 630      | 677      | 616      | 11.29  | cps   |
| Zirconium  | 90-1  | 650      | 633      | 733      | 672      | 7.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2916-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSF6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:29:04 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 133  | 133  | 136     | 3.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:32:38 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 42       | 50       | 25       | 39       | 32.73  | cps   |
| Antimony   | 121-1 | 33       | 50       | 75       | 53       | 39.74  | cps   |
| Arsenic    | 75-2  | 2        | 2        | 2        | 2        | 0.00   | cps   |
| Barium     | 135-1 | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Barium     | 137-1 | 75       | 75       | 100      | 83       | 17.33  | cps   |
| Beryllium  | 9-1   | 67       | 100      | 83       | 83       | 20.00  | cps   |
| Bismuth    | 209-1 | 9083636  | 9079584  | 8871913  | 9011711  | 1.34   | cps   |
| Bismuth    | 209-2 | 6374585  | 6413077  | 6427997  | 6405219  | 0.43   | cps   |
| Boron      | 10-1  | 133      | 117      | 133      | 128      | 7.53   | cps   |
| Boron      | 11-1  | 725      | 608      | 592      | 642      | 11.32  | cps   |
| Cadmium    | 111-1 | 1411     | 1475     | 1397     | 1428     | 2.92   | cps   |
| Cadmium    | 106-1 | 3509     | 3676     | 3492     | 3559     | 2.85   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 0        | 7        | 91.66  | cps   |
| Calcium    | 43-1  | 150      | 142      | 158      | 150      | 5.56   | cps   |
| Calcium    | 44-1  | 7886     | 8036     | 7877     | 7933     | 1.12   | cps   |
| Chromium   | 52-2  | 160      | 157      | 167      | 161      | 3.16   | cps   |
| Cobalt     | 59-2  | 73       | 60       | 43       | 59       | 25.53  | cps   |
| Copper     | 63-2  | 1387     | 1390     | 1243     | 1340     | 6.25   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 83       | 33       | 50       | 56       | 45.83  | cps   |
| Erbium     | 164-2 | 23       | 13       | 23       | 20       | 28.87  | cps   |
| Gadolinium | 160-1 | 58       | 50       | 100      | 69       | 38.57  | cps   |
| Gadolinium | 160-2 | 153      | 143      | 153      | 150      | 3.85   | cps   |
| Holmium    | 165-1 | 13965108 | 13977098 | 13740047 | 13894084 | 0.96   | cps   |
| Holmium    | 165-2 | 8378281  | 8400121  | 8455684  | 8411362  | 0.47   | cps   |
| Indium     | 115-1 | 11103734 | 10990072 | 10901083 | 10998296 | 0.92   | cps   |
| Indium     | 115-2 | 2457469  | 2462176  | 2491911  | 2470519  | 0.76   | cps   |
| Iron       | 56-2  | 21422    | 20837    | 21333    | 21197    | 1.48   | cps   |
| Iron       | 57-2  | 778      | 667      | 806      | 750      | 9.80   | cps   |
| Lead       | 206-1 | 344      | 378      | 450      | 391      | 13.81  | cps   |
| Lead       | 207-1 | 356      | 328      | 344      | 343      | 4.08   | cps   |
| Lead       | 208-1 | 1561     | 1556     | 1711     | 1609     | 5.48   | cps   |
| Lithium    | 6-1   | 3078013  | 3039985  | 3016242  | 3044747  | 1.02   | cps   |
| Magnesium  | 24-2  | 517      | 550      | 425      | 497      | 13.02  | cps   |
| Manganese  | 55-2  | 187      | 153      | 230      | 190      | 20.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:32:38 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 275      | 217      | 208      | 233      | 15.57   | cps   |
| Molybdenum | 95-1  | 42       | 8        | 17       | 22       | 78.07   | cps   |
| Molybdenum | 96-1  | 100      | 42       | 83       | 75       | 40.06   | cps   |
| Molybdenum | 97-1  | 50       | 33       | 17       | 33       | 50.00   | cps   |
| Molybdenum | 98-1  | 17       | 42       | 58       | 39       | 53.93   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 97       | 113      | 70       | 93       | 23.42   | cps   |
| Phosphorus | 31-2  | 200      | 208      | 175      | 194      | 8.92    | cps   |
| Potassium  | 39-2  | 35485    | 34917    | 34658    | 35020    | 1.21    | cps   |
| Rhodium    | 103-1 | 10249961 | 10159852 | 10066404 | 10158739 | 0.90    | cps   |
| Rhodium    | 103-2 | 5236536  | 5237890  | 5293606  | 5256011  | 0.62    | cps   |
| Scandium   | 45-1  | 6838878  | 6771645  | 6745392  | 6785305  | 0.71    | cps   |
| Scandium   | 45-2  | 327130   | 326705   | 327646   | 327161   | 0.14    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 80       | 81       | 72       | 78       | 6.30    | cps   |
| Selenium   | 82-1  | -86      | -6       | 33       | -20      | -304.09 | cps   |
| Silicon    | 28-1  | 332107   | 329227   | 332143   | 331159   | 0.51    | cps   |
| Silver     | 109-1 | 183      | 217      | 133      | 178      | 23.59   | cps   |
| Silver     | 107-1 | 183      | 158      | 150      | 164      | 10.58   | cps   |
| Sodium     | 23-2  | 16326    | 16193    | 15876    | 16132    | 1.43    | cps   |
| Strontium  | 86-1  | 742      | 658      | 733      | 711      | 6.45    | cps   |
| Strontium  | 88-1  | 150      | 242      | 142      | 178      | 31.21   | cps   |
| Sulfur     | 34-1  | 412149   | 408277   | 412475   | 410967   | 0.57    | cps   |
| Terbium    | 159-1 | 14482082 | 14361874 | 14294387 | 14379448 | 0.66    | cps   |
| Terbium    | 159-2 | 8258999  | 8207009  | 8336258  | 8267422  | 0.79    | cps   |
| Thallium   | 203-1 | 75       | 58       | 58       | 64       | 15.06   | cps   |
| Thallium   | 205-1 | 117      | 183      | 208      | 169      | 27.97   | cps   |
| Tin        | 118-1 | 192      | 267      | 200      | 219      | 18.73   | cps   |
| Titanium   | 47-1  | 42       | 125      | 58       | 75       | 58.79   | cps   |
| Uranium    | 238-1 | 8        | 8        | 8        | 8        | 0.00    | cps   |
| Vanadium   | 51-2  | 73       | 63       | 67       | 68       | 7.52    | cps   |
| Yttrium    | 89-1  | 11504964 | 11422244 | 11396179 | 11441129 | 0.50    | cps   |
| Yttrium    | 89-2  | 1848200  | 1848729  | 1866963  | 1854631  | 0.58    | cps   |
| Zinc       | 66-2  | 193      | 203      | 193      | 197      | 2.94    | cps   |
| Zirconium  | 90-1  | 708      | 550      | 717      | 658      | 14.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-08RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:32:38 | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 92   | 117  | 119     | 24.50  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:36:11 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83       | 33       | 108      | 75       | 50.91  | cps   |
| Antimony   | 121-1 | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Arsenic    | 75-2  | 6        | 0        | 4        | 3        | 91.69  | cps   |
| Barium     | 135-1 | 75       | 42       | 67       | 61       | 28.38  | cps   |
| Barium     | 137-1 | 75       | 83       | 92       | 83       | 10.00  | cps   |
| Beryllium  | 9-1   | 89       | 67       | 106      | 87       | 22.42  | cps   |
| Bismuth    | 209-1 | 9018460  | 9041344  | 8911731  | 8990512  | 0.77   | cps   |
| Bismuth    | 209-2 | 6264122  | 6441024  | 6433883  | 6379676  | 1.57   | cps   |
| Boron      | 10-1  | 200      | 150      | 133      | 161      | 21.53  | cps   |
| Boron      | 11-1  | 800      | 875      | 800      | 825      | 5.25   | cps   |
| Cadmium    | 111-1 | 1401     | 1540     | 1309     | 1417     | 8.23   | cps   |
| Cadmium    | 106-1 | 3501     | 3859     | 3259     | 3539     | 8.53   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Calcium    | 43-1  | 367      | 350      | 283      | 333      | 13.23  | cps   |
| Calcium    | 44-1  | 10771    | 10046    | 10012    | 10276    | 4.17   | cps   |
| Chromium   | 52-2  | 140      | 167      | 107      | 138      | 21.82  | cps   |
| Cobalt     | 59-2  | 40       | 37       | 47       | 41       | 12.39  | cps   |
| Copper     | 63-2  | 1153     | 1400     | 1227     | 1260     | 10.05  | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 67       | 50       | 42       | 53       | 24.12  | cps   |
| Erbium     | 164-2 | 43       | 23       | 17       | 28       | 49.95  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 75       | 75       | 22.22  | cps   |
| Gadolinium | 160-2 | 147      | 227      | 173      | 182      | 22.35  | cps   |
| Holmium    | 165-1 | 14016966 | 13991458 | 13781099 | 13929841 | 0.93   | cps   |
| Holmium    | 165-2 | 8291596  | 8505026  | 8468747  | 8421790  | 1.36   | cps   |
| Indium     | 115-1 | 11080601 | 11031206 | 11027433 | 11046414 | 0.27   | cps   |
| Indium     | 115-2 | 2434142  | 2489188  | 2496035  | 2473122  | 1.37   | cps   |
| Iron       | 56-2  | 4284     | 4184     | 4001     | 4156     | 3.46   | cps   |
| Iron       | 57-2  | 361      | 344      | 350      | 352      | 2.41   | cps   |
| Lead       | 206-1 | 439      | 456      | 511      | 469      | 8.07   | cps   |
| Lead       | 207-1 | 450      | 450      | 394      | 432      | 7.43   | cps   |
| Lead       | 208-1 | 1933     | 1889     | 2006     | 1943     | 3.03   | cps   |
| Lithium    | 6-1   | 3042296  | 3025430  | 2992930  | 3020219  | 0.83   | cps   |
| Magnesium  | 24-2  | 475      | 467      | 433      | 458      | 4.81   | cps   |
| Manganese  | 55-2  | 103      | 90       | 117      | 103      | 12.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:36:11 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 183      | 167      | 183      | 178      | 5.41   | cps   |
| Molybdenum | 95-1  | 25       | 8        | 8        | 14       | 69.31  | cps   |
| Molybdenum | 96-1  | 92       | 58       | 83       | 78       | 22.30  | cps   |
| Molybdenum | 97-1  | 50       | 50       | 42       | 47       | 10.18  | cps   |
| Molybdenum | 98-1  | 50       | 50       | 33       | 44       | 21.66  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 150      | 87       | 127      | 121      | 26.45  | cps   |
| Phosphorus | 31-2  | 142      | 158      | 167      | 156      | 8.18   | cps   |
| Potassium  | 39-2  | 36988    | 34691    | 36587    | 36089    | 3.40   | cps   |
| Rhodium    | 103-1 | 10284199 | 10271492 | 10117769 | 10224487 | 0.91   | cps   |
| Rhodium    | 103-2 | 5179848  | 5291291  | 5314247  | 5261795  | 1.37   | cps   |
| Scandium   | 45-1  | 6858449  | 6874651  | 6783878  | 6838993  | 0.71   | cps   |
| Scandium   | 45-2  | 321634   | 331138   | 329274   | 327349   | 1.54   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 63       | 85       | 56       | 68       | 22.71  | cps   |
| Selenium   | 82-1  | 21       | 25       | 68       | 38       | 68.95  | cps   |
| Silicon    | 28-1  | 327652   | 332119   | 328082   | 329284   | 0.75   | cps   |
| Silver     | 109-1 | 200      | 133      | 150      | 161      | 21.53  | cps   |
| Silver     | 107-1 | 142      | 192      | 167      | 167      | 15.00  | cps   |
| Sodium     | 23-2  | 17261    | 16919    | 15817    | 16665    | 4.53   | cps   |
| Strontium  | 86-1  | 675      | 758      | 733      | 722      | 5.92   | cps   |
| Strontium  | 88-1  | 267      | 300      | 333      | 300      | 11.11  | cps   |
| Sulfur     | 34-1  | 422646   | 425961   | 423899   | 424169   | 0.39   | cps   |
| Terbium    | 159-1 | 14539088 | 14477580 | 14371116 | 14462595 | 0.59   | cps   |
| Terbium    | 159-2 | 8167011  | 8315026  | 8272987  | 8251675  | 0.92   | cps   |
| Thallium   | 203-1 | 92       | 83       | 100      | 92       | 9.09   | cps   |
| Thallium   | 205-1 | 167      | 158      | 150      | 158      | 5.26   | cps   |
| Tin        | 118-1 | 225      | 275      | 167      | 222      | 24.40  | cps   |
| Titanium   | 47-1  | 33       | 125      | 67       | 75       | 61.87  | cps   |
| Uranium    | 238-1 | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Vanadium   | 51-2  | 77       | 80       | 53       | 70       | 20.76  | cps   |
| Yttrium    | 89-1  | 11547706 | 11633772 | 11511811 | 11564430 | 0.54   | cps   |
| Yttrium    | 89-2  | 1833198  | 1888424  | 1875203  | 1865608  | 1.55   | cps   |
| Zinc       | 66-2  | 1187     | 507      | 440      | 711      | 58.11  | cps   |
| Zirconium  | 90-1  | 700      | 750      | 567      | 672      | 14.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | J2917-09RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | MJHSG3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:36:11 | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 150  | 75   | 117     | 32.74  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 15:47:23 | DataFile Name :   | 060CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3489611   | 3525914   | 3512378   | 3509301   | 0.52   | cps   |
| Antimony   | 121-1 | 3607849   | 3596293   | 3608066   | 3604069   | 0.19   | cps   |
| Arsenic    | 75-2  | 134441    | 136007    | 136803    | 135750    | 0.89   | cps   |
| Barium     | 135-1 | 4368737   | 4354894   | 4347397   | 4357009   | 0.25   | cps   |
| Barium     | 137-1 | 7707104   | 7728204   | 7713978   | 7716428   | 0.14   | cps   |
| Beryllium  | 9-1   | 829624    | 824336    | 829919    | 827960    | 0.38   | cps   |
| Bismuth    | 209-1 | 7730772   | 7768583   | 7793509   | 7764288   | 0.41   | cps   |
| Bismuth    | 209-2 | 5422202   | 5489410   | 5502836   | 5471482   | 0.79   | cps   |
| Boron      | 10-1  | 92281     | 93219     | 93974     | 93158     | 0.91   | cps   |
| Boron      | 11-1  | 433001    | 437407    | 438589    | 436333    | 0.67   | cps   |
| Cadmium    | 111-1 | 811397    | 815322    | 806063    | 810927    | 0.57   | cps   |
| Cadmium    | 106-1 | 94062     | 93214     | 94112     | 93796     | 0.54   | cps   |
| Cadmium    | 108-1 | 62613     | 61671     | 62412     | 62232     | 0.80   | cps   |
| Calcium    | 43-1  | 5108079   | 5078726   | 5066048   | 5084284   | 0.42   | cps   |
| Calcium    | 44-1  | 82983050  | 82674331  | 82525273  | 82727551  | 0.28   | cps   |
| Chromium   | 52-2  | 1166424   | 1164236   | 1172370   | 1167677   | 0.36   | cps   |
| Cobalt     | 59-2  | 1772388   | 1771139   | 1770170   | 1771232   | 0.06   | cps   |
| Copper     | 63-2  | 2409003   | 2433718   | 2425716   | 2422812   | 0.52   | cps   |
| Dysprosium | 156-1 | 108       | 133       | 133       | 125       | 11.55  | cps   |
| Dysprosium | 156-2 | 57        | 77        | 47        | 60        | 25.46  | cps   |
| Erbium     | 164-1 | 25        | 42        | 67        | 44        | 47.19  | cps   |
| Erbium     | 164-2 | 23        | 23        | 17        | 21        | 18.21  | cps   |
| Gadolinium | 160-1 | 75        | 133       | 75        | 94        | 35.66  | cps   |
| Gadolinium | 160-2 | 163       | 157       | 167       | 162       | 3.14   | cps   |
| Holmium    | 165-1 | 12878271  | 12859576  | 12876209  | 12871352  | 0.08   | cps   |
| Holmium    | 165-2 | 7732515   | 7824766   | 7755804   | 7771028   | 0.62   | cps   |
| Indium     | 115-1 | 9550924   | 9578970   | 9509803   | 9546566   | 0.36   | cps   |
| Indium     | 115-2 | 2160917   | 2167614   | 2175477   | 2168003   | 0.34   | cps   |
| Iron       | 56-2  | 231852205 | 233164850 | 232630577 | 232549211 | 0.28   | cps   |
| Iron       | 57-2  | 5693722   | 5688678   | 5705663   | 5696021   | 0.15   | cps   |
| Lead       | 206-1 | 2611925   | 2648842   | 2659959   | 2640242   | 0.95   | cps   |
| Lead       | 207-1 | 2367255   | 2405227   | 2405449   | 2392644   | 0.92   | cps   |
| Lead       | 208-1 | 10742215  | 10883528  | 10938016  | 10854586  | 0.93   | cps   |
| Lithium    | 6-1   | 2705436   | 2718316   | 2703329   | 2709027   | 0.30   | cps   |
| Magnesium  | 24-2  | 38718529  | 39194865  | 39029585  | 38980993  | 0.62   | cps   |
| Manganese  | 55-2  | 1298781   | 1297748   | 1302163   | 1299564   | 0.18   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 15:47:23 | DataFile Name :   | 060CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7180356  | 7129374  | 7146270  | 7152000  | 0.36   | cps   |
| Molybdenum | 95-1  | 8814320  | 8802490  | 8731351  | 8782720  | 0.51   | cps   |
| Molybdenum | 96-1  | 9739503  | 9737725  | 9663455  | 9713561  | 0.45   | cps   |
| Molybdenum | 97-1  | 5345177  | 5381936  | 5327536  | 5351550  | 0.52   | cps   |
| Molybdenum | 98-1  | 14002552 | 14020627 | 13994802 | 14005994 | 0.09   | cps   |
| Neodymium  | 150-1 | 307      | 353      | 420      | 360      | 15.82  | cps   |
| Neodymium  | 150-2 | 57       | 33       | 63       | 51       | 30.82  | cps   |
| Nickel     | 60-2  | 467426   | 470108   | 467996   | 468510   | 0.30   | cps   |
| Phosphorus | 31-2  | 39093    | 39094    | 39487    | 39225    | 0.58   | cps   |
| Potassium  | 39-2  | 20476175 | 20623872 | 20595454 | 20565167 | 0.38   | cps   |
| Rhodium    | 103-1 | 8601771  | 8512310  | 8474418  | 8529500  | 0.77   | cps   |
| Rhodium    | 103-2 | 4439229  | 4462339  | 4458918  | 4453495  | 0.28   | cps   |
| Scandium   | 45-1  | 6230237  | 6142912  | 6132759  | 6168636  | 0.87   | cps   |
| Scandium   | 45-2  | 300936   | 299898   | 297941   | 299592   | 0.51   | cps   |
| Selenium   | 77-2  | 2597     | 2854     | 2757     | 2736     | 4.74   | cps   |
| Selenium   | 78-2  | 9197     | 9550     | 9153     | 9300     | 2.34   | cps   |
| Selenium   | 82-1  | 50780    | 50806    | 50776    | 50787    | 0.03   | cps   |
| Silicon    | 28-1  | 2917102  | 2942069  | 2930694  | 2929955  | 0.43   | cps   |
| Silver     | 109-1 | 3826246  | 3825974  | 3812608  | 3821609  | 0.20   | cps   |
| Silver     | 107-1 | 3980429  | 3974685  | 3983256  | 3979456  | 0.11   | cps   |
| Sodium     | 23-2  | 73564816 | 73786941 | 73850175 | 73733977 | 0.20   | cps   |
| Strontium  | 86-1  | 1123975  | 1123018  | 1109719  | 1118904  | 0.71   | cps   |
| Strontium  | 88-1  | 10038228 | 10053988 | 9996931  | 10029716 | 0.29   | cps   |
| Sulfur     | 34-1  | 760448   | 757460   | 747629   | 755179   | 0.89   | cps   |
| Terbium    | 159-1 | 13277776 | 13284049 | 13363786 | 13308537 | 0.36   | cps   |
| Terbium    | 159-2 | 7626602  | 7634171  | 7630101  | 7630291  | 0.05   | cps   |
| Thallium   | 203-1 | 3284295  | 3299060  | 3304644  | 3296000  | 0.32   | cps   |
| Thallium   | 205-1 | 8065911  | 8126743  | 8110283  | 8100979  | 0.39   | cps   |
| Tin        | 118-1 | 2741657  | 2736304  | 2742280  | 2740080  | 0.12   | cps   |
| Titanium   | 47-1  | 2387204  | 2381443  | 2365916  | 2378188  | 0.46   | cps   |
| Uranium    | 238-1 | 11848579 | 11858306 | 11811780 | 11839555 | 0.21   | cps   |
| Vanadium   | 51-2  | 949760   | 950830   | 950484   | 950358   | 0.06   | cps   |
| Yttrium    | 89-1  | 10394628 | 10416015 | 10346690 | 10385778 | 0.34   | cps   |
| Yttrium    | 89-2  | 1671052  | 1696225  | 1689886  | 1685721  | 0.78   | cps   |
| Zinc       | 66-2  | 356037   | 355784   | 354620   | 355480   | 0.21   | cps   |
| Zirconium  | 90-1  | 5951963  | 5952334  | 5973184  | 5959160  | 0.20   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95405             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV054              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV054              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-16 15:47:23 | DataFile Name :   | 060CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1292362 | 1289626 | 1291366 | 1291118 | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:50:59 | DataFile Name :   | 061CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 292      | 217      | 175      | 228      | 25.96  | cps   |
| Antimony   | 121-1 | 3417     | 3476     | 3634     | 3509     | 3.20   | cps   |
| Arsenic    | 75-2  | 6        | 13       | 11       | 10       | 38.99  | cps   |
| Barium     | 135-1 | 167      | 83       | 92       | 114      | 40.30  | cps   |
| Barium     | 137-1 | 242      | 175      | 258      | 225      | 19.60  | cps   |
| Beryllium  | 9-1   | 344      | 217      | 239      | 267      | 25.60  | cps   |
| Bismuth    | 209-1 | 8455767  | 8505397  | 8455253  | 8472139  | 0.34   | cps   |
| Bismuth    | 209-2 | 6035390  | 6040326  | 6034992  | 6036902  | 0.05   | cps   |
| Boron      | 10-1  | 1667     | 1517     | 1392     | 1525     | 9.03   | cps   |
| Boron      | 11-1  | 8161     | 7144     | 6227     | 7177     | 13.48  | cps   |
| Cadmium    | 111-1 | 1490     | 1369     | 1379     | 1413     | 4.76   | cps   |
| Cadmium    | 106-1 | 3626     | 3417     | 3392     | 3478     | 3.68   | cps   |
| Cadmium    | 108-1 | 4        | 25       | 8        | 13       | 88.19  | cps   |
| Calcium    | 43-1  | 275      | 242      | 258      | 258      | 6.45   | cps   |
| Calcium    | 44-1  | 8203     | 7527     | 8620     | 8117     | 6.79   | cps   |
| Chromium   | 52-2  | 333      | 353      | 320      | 336      | 5.00   | cps   |
| Cobalt     | 59-2  | 87       | 83       | 93       | 88       | 5.81   | cps   |
| Copper     | 63-2  | 1217     | 1270     | 1313     | 1267     | 3.82   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 33       | 50       | 25       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 7        | 20       | 27       | 18       | 57.27  | cps   |
| Gadolinium | 160-1 | 75       | 108      | 92       | 92       | 18.18  | cps   |
| Gadolinium | 160-2 | 150      | 153      | 190      | 164      | 13.50  | cps   |
| Holmium    | 165-1 | 13066281 | 13123887 | 13049483 | 13079883 | 0.30   | cps   |
| Holmium    | 165-2 | 7967778  | 7940891  | 7967018  | 7958563  | 0.19   | cps   |
| Indium     | 115-1 | 10280649 | 10175939 | 10219212 | 10225267 | 0.51   | cps   |
| Indium     | 115-2 | 2336028  | 2336178  | 2320868  | 2331025  | 0.38   | cps   |
| Iron       | 56-2  | 19497    | 18929    | 16482    | 18303    | 8.75   | cps   |
| Iron       | 57-2  | 761      | 744      | 639      | 715      | 9.27   | cps   |
| Lead       | 206-1 | 717      | 656      | 683      | 685      | 4.47   | cps   |
| Lead       | 207-1 | 617      | 528      | 578      | 574      | 7.76   | cps   |
| Lead       | 208-1 | 2845     | 2728     | 2706     | 2759     | 2.70   | cps   |
| Lithium    | 6-1   | 2837772  | 2827322  | 2827113  | 2830735  | 0.22   | cps   |
| Magnesium  | 24-2  | 808      | 900      | 983      | 897      | 9.76   | cps   |
| Manganese  | 55-2  | 100      | 43       | 73       | 72       | 39.26  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:50:59 | DataFile Name :   | 061CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1192     | 950      | 967      | 1036     | 13.03  | cps   |
| Molybdenum | 95-1  | 1250     | 1267     | 1483     | 1333     | 9.76   | cps   |
| Molybdenum | 96-1  | 1867     | 1533     | 1358     | 1586     | 16.28  | cps   |
| Molybdenum | 97-1  | 892      | 733      | 1033     | 886      | 16.94  | cps   |
| Molybdenum | 98-1  | 2192     | 2042     | 2184     | 2139     | 3.94   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 113      | 110      | 120      | 114      | 4.45   | cps   |
| Phosphorus | 31-2  | 208      | 200      | 158      | 189      | 14.18  | cps   |
| Potassium  | 39-2  | 36805    | 36020    | 36914    | 36580    | 1.33   | cps   |
| Rhodium    | 103-1 | 9453437  | 9343238  | 9453830  | 9416835  | 0.68   | cps   |
| Rhodium    | 103-2 | 4916286  | 4961181  | 4963796  | 4947087  | 0.54   | cps   |
| Scandium   | 45-1  | 6254420  | 6247960  | 6312560  | 6271647  | 0.57   | cps   |
| Scandium   | 45-2  | 308509   | 307660   | 306263   | 307478   | 0.37   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 54       | 81       | 65       | 67       | 20.97  | cps   |
| Selenium   | 82-1  | 37       | 29       | 50       | 39       | 27.63  | cps   |
| Silicon    | 28-1  | 357369   | 356476   | 356774   | 356873   | 0.13   | cps   |
| Silver     | 109-1 | 233      | 208      | 192      | 211      | 9.93   | cps   |
| Silver     | 107-1 | 292      | 192      | 267      | 250      | 20.82  | cps   |
| Sodium     | 23-2  | 24921    | 23820    | 23219    | 23987    | 3.60   | cps   |
| Strontium  | 86-1  | 683      | 558      | 800      | 681      | 17.76  | cps   |
| Strontium  | 88-1  | 400      | 292      | 275      | 322      | 21.06  | cps   |
| Sulfur     | 34-1  | 411694   | 415445   | 413655   | 413598   | 0.45   | cps   |
| Terbium    | 159-1 | 13548705 | 13504531 | 13440200 | 13497812 | 0.40   | cps   |
| Terbium    | 159-2 | 7838083  | 7818432  | 7840025  | 7832180  | 0.15   | cps   |
| Thallium   | 203-1 | 550      | 558      | 492      | 533      | 6.81   | cps   |
| Thallium   | 205-1 | 1458     | 1584     | 1367     | 1470     | 7.40   | cps   |
| Tin        | 118-1 | 875      | 1000     | 850      | 908      | 8.85   | cps   |
| Titanium   | 47-1  | 217      | 283      | 267      | 256      | 13.58  | cps   |
| Uranium    | 238-1 | 350      | 250      | 242      | 281      | 21.49  | cps   |
| Vanadium   | 51-2  | 20       | 10       | 33       | 21       | 55.45  | cps   |
| Yttrium    | 89-1  | 10613014 | 10613425 | 10643316 | 10623252 | 0.16   | cps   |
| Yttrium    | 89-2  | 1743405  | 1764376  | 1747278  | 1751686  | 0.64   | cps   |
| Zinc       | 66-2  | 163      | 150      | 103      | 139      | 22.68  | cps   |
| Zirconium  | 90-1  | 1075     | 875      | 967      | 972      | 10.30  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95405             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB054              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB054              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-16 15:50:59 | DataFile Name :   | 061CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 233  | 175  | 186     | 22.98  | cps   |