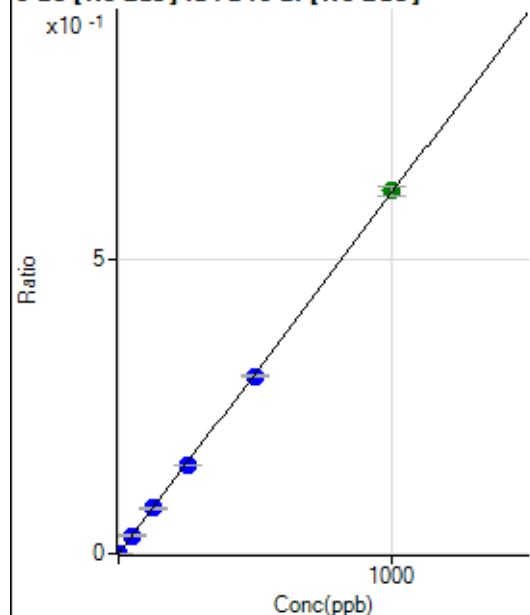


Batch Folder: D:\P8052518-MS.b\  
Analysis File: P8052518-MS.batch.bin  
DA Date-Time: 2018-05-25 18:21:05  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-05-25 15:57:22 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2018-05-25 16:05:02 |
| 4     | 006CALS.d          | S03         | 2018-05-25 16:08:44 |
| 5     | 007CALS.d          | S04         | 2018-05-25 16:12:26 |
| 6     | 008CALS.d          | S05         | 2018-05-25 16:16:01 |
| 7     | 009CALS.d          | S06         | 2018-05-25 16:19:31 |
| 8     | 010CALS.d          | S07         | 2018-05-25 16:22:56 |
| 9     | 011CALS.d          | S08         | 2018-05-25 16:26:15 |

**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      | 27.78      | 0.0000 | P    | 70.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.005      | 1255.65    | 0.0006 | P    | 4.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.291     | 61801.53   | 0.0308 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.795    | 152334.81  | 0.0771 | P    | 2.3  |
| 6 | <input type="checkbox"/> | 250.000  | 245.965    | 301113.83  | 0.1507 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 491.222    | 600953.19  | 0.3009 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.284   | 1203403.27 | 0.6159 | A    | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 292.60     | 0.0002 | P    | 6.4  |

$$y = 6.1263\text{E-}004 * x + 1.3764\text{E-}005$$

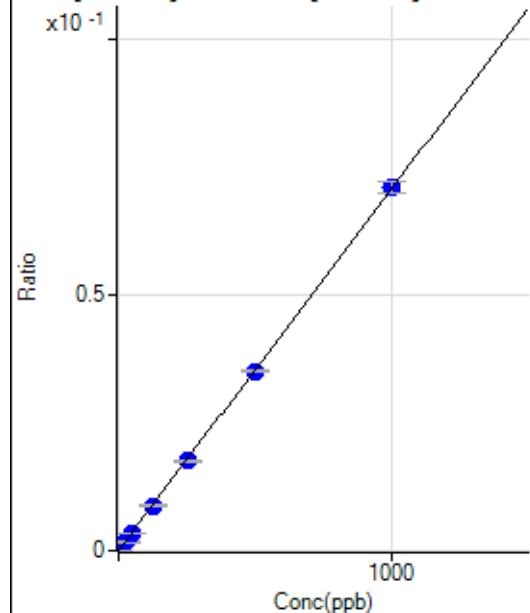
$$R = 0.9999$$

$$DL = 0.04748$$

$$BEC = 0.02247$$

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      | 111.12    | 0.0001 | P    | 19.2 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 24.055     | 3500.57   | 0.0018 | P    | 10.6 |
| 4 | <input type="checkbox"/> | 50.000   | 49.212     | 7090.92   | 0.0035 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 124.018    | 17444.53  | 0.0088 | P    | 2.6  |
| 6 | <input type="checkbox"/> | 250.000  | 246.883    | 35004.71  | 0.0175 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 495.244    | 70060.59  | 0.0351 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.343   | 138762.62 | 0.0710 | P    | 3.2  |
| 9 | <input type="checkbox"/> |          |            | 6040.41   | 0.0031 | P    | 9.8  |

$$y = 7.0728\text{E-}005 * x + 5.5697\text{E-}005$$

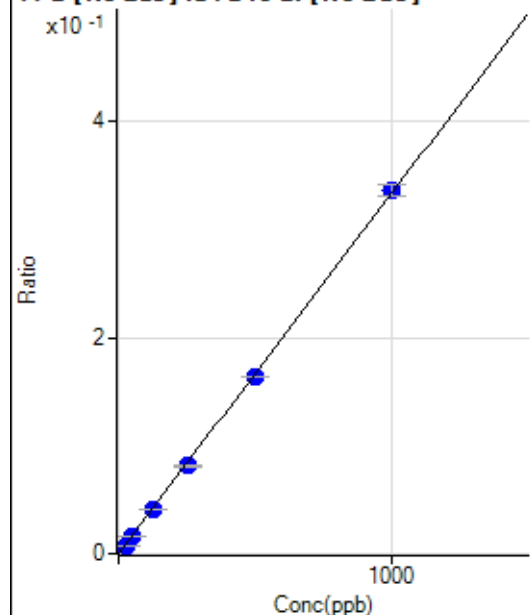
$$R = 1.0000$$

$$DL = 0.4546$$

$$BEC = 0.7875$$

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      | 425.02    | 0.0002 | P    | 21.9 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.977     | 15019.59  | 0.0075 | P    | 5.7  |
| 4 | <input type="checkbox"/> | 50.000   | 48.407     | 32749.39  | 0.0163 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 122.288    | 80920.35  | 0.0409 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 242.956    | 162101.37 | 0.0811 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 490.523    | 326625.80 | 0.1636 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.994   | 655630.52 | 0.3355 | P    | 3.1  |
| 9 | <input type="checkbox"/> |          |            | 27463.32  | 0.0143 | P    | 8.8  |

$$y = 3.3301E-004 * x + 2.1199E-004$$

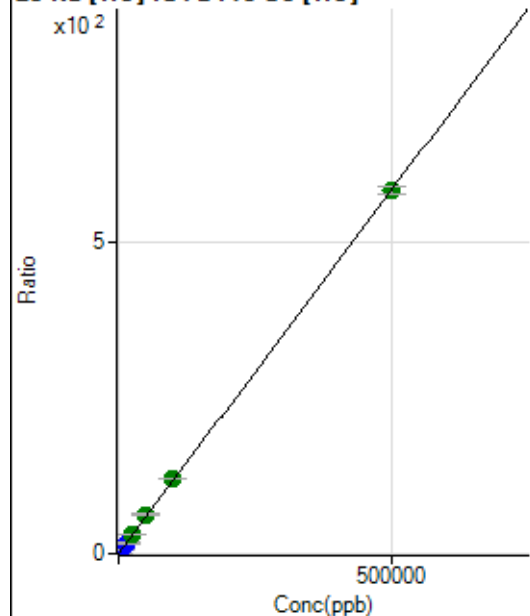
$$R = 0.9999$$

$$DL = 0.4184$$

$$BEC = 0.6366$$

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      | 7218.86     | 0.1113   | P    | 2.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 497.326    | 45359.62    | 0.6922   | P    | 2.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 5474.294   | 413287.06   | 6.5058   | P    | 2.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 14039.757  | 1030872.46  | 16.5111  | P    | 8.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 26473.285  | 2073035.31  | 31.0347  | A    | 2.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 53541.074  | 4084443.58  | 62.6526  | A    | 4.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 102720.20  | 8007434.82  | 120.0988 | A    | 0.3 |
| 9 | <input type="checkbox"/> | 500000.00 | 498984.95  | 39605923.45 | 582.9756 | A    | 2.0 |

$$y = 0.0012 * x + 0.1113$$

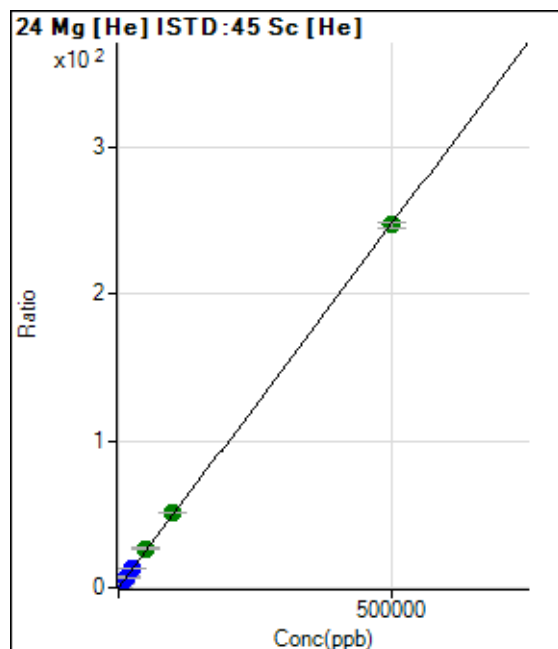
$$R = 1.0000$$

$$DL = 6.107$$

$$BEC = 95.26$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 238.90      | 0.0037   | P   | 13.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |      |
| 3 | <input type="checkbox"/> | 500.000   | 502.760    | 16538.04    | 0.2523   | P   | 1.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 5473.845   | 172207.07   | 2.7108   | P   | 2.8  |
| 5 | <input type="checkbox"/> | 12500.000 | 14045.161  | 433932.75   | 6.9497   | P   | 8.3  |
| 6 | <input type="checkbox"/> | 25000.000 | 26217.214  | 866171.89   | 12.9694  | P   | 3.3  |
| 7 | <input type="checkbox"/> | 50000.000 | 54157.284  | 1746101.91  | 26.7872  | A   | 4.5  |
| 8 | <input type="checkbox"/> | 100000.00 | 103497.18  | 3412925.95  | 51.1882  | A   | 1.0  |
| 9 | <input type="checkbox"/> | 500000.00 | 498780.60  | 16758763.92 | 246.6757 | A   | 1.9  |

$$y = 4.9455\text{E-}004 * x + 0.0037$$

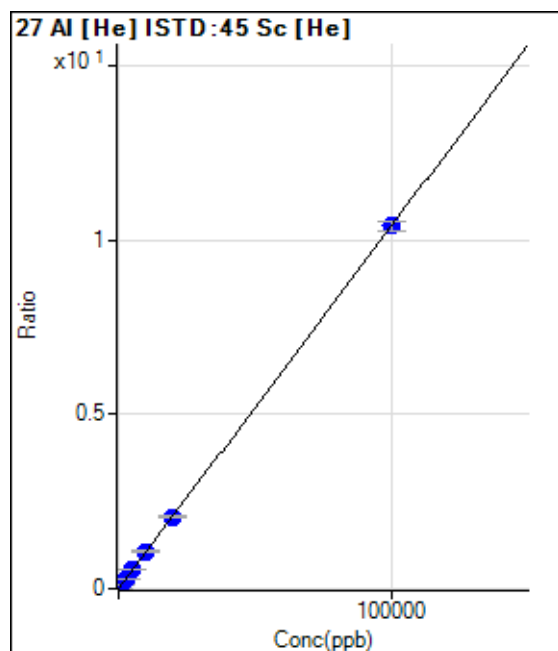
$$R = 1.0000$$

$$DL = 3.09$$

$$BEC = 7.45$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 25.00     | 0.0004  | P   | 33.7 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.484     | 144.45    | 0.0022  | P   | 20.3 |
| 4 | <input type="checkbox"/> | 1000.000  | 1079.629   | 7160.44   | 0.1127  | P   | 3.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2670.976   | 17369.66  | 0.2783  | P   | 9.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5124.501   | 35654.33  | 0.5336  | P   | 1.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10277.839  | 69755.56  | 1.0699  | P   | 3.5  |
| 8 | <input type="checkbox"/> | 20000.000 | 19801.902  | 137406.59 | 2.0609  | P   | 0.8  |
| 9 | <input type="checkbox"/> | 100000.00 | 100000.54  | 706903.12 | 10.4060 | P   | 2.7  |

$$y = 1.0406\text{E-}004 * x + 3.8551\text{E-}004$$

$$R = 1.0000$$

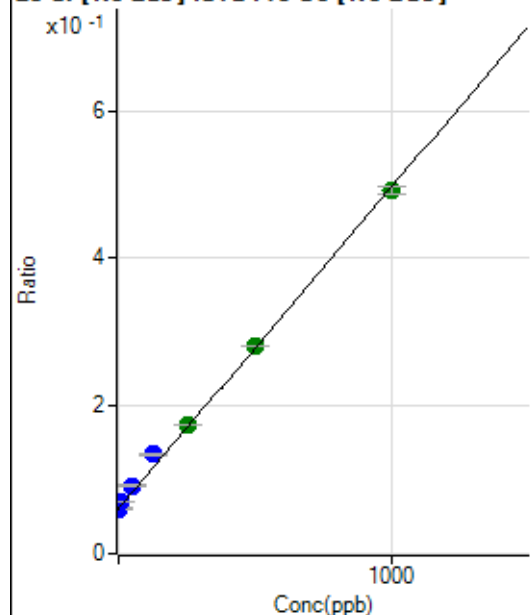
$$DL = 3.743$$

$$BEC = 3.705$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 440611.97  | 0.0610 | P    | 3.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 20.337     | 500821.57  | 0.0698 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 71.973     | 665036.98  | 0.0923 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 169.745    | 971558.74  | 0.1349 | P    | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 259.712    | 1285395.60 | 0.1741 | A    | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 505.976    | 2069965.15 | 0.2813 | A    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 987.789    | 3560507.16 | 0.4912 | A    | 2.0 |
| 9 | <input type="checkbox"/> |          |            | 663719.38  | 0.0903 | P    | 5.4 |

$$y = 4.3558\text{E-}004 * x + 0.0610$$

$$R = 0.9991$$

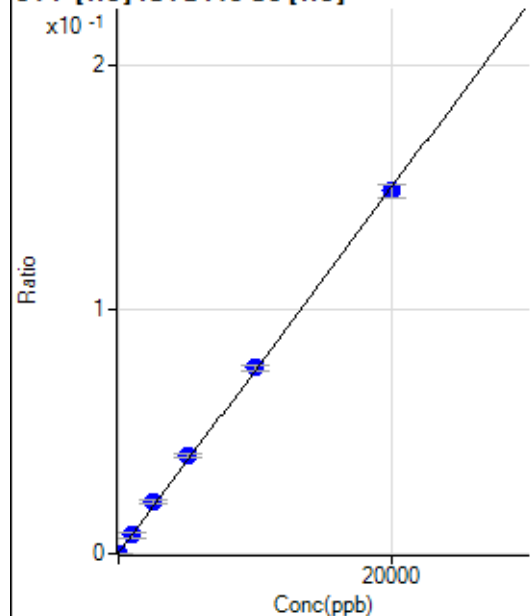
$$DL = 13.06$$

$$BEC = 139.9$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 5.776      | 11.11   | 0.0002 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 0.000     |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | -5.776     | 5.55    | 0.0001 | P    | 86.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 996.860    | 480.59  | 0.0076 | P    | 30.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2778.237   | 1314.02 | 0.0210 | P    | 7.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5331.524   | 2678.15 | 0.0401 | P    | 3.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 10142.603  | 4967.75 | 0.0762 | P    | 2.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19811.195  | 9912.20 | 0.1487 | P    | 3.7  |
| 9 | <input type="checkbox"/> |           |            | 11.11   | 0.0002 | P    | 45.6 |

$$y = 7.4974\text{E-}006 * x + 1.2737\text{E-}004$$

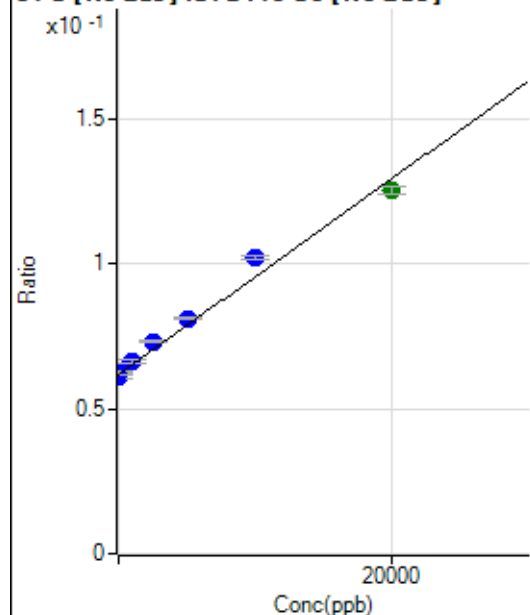
$$R = 0.9997$$

$$DL = 44.14$$

$$BEC = 16.99$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -146.676   | 443701.98 | 0.0614 | P    | 2.5 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 146.676    | 447405.46 | 0.0624 | P    | 2.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1308.313   | 477574.74 | 0.0663 | P    | 1.5 |
| 5 | <input type="checkbox"/> | 2500.000  | 3321.304   | 526409.99 | 0.0731 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5706.675   | 599122.40 | 0.0811 | P    | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 11892.549  | 750571.26 | 0.1020 | P    | 1.2 |
| 8 | <input type="checkbox"/> | 20000.000 | 18758.978  | 907542.86 | 0.1252 | A    | 2.1 |
| 9 | <input type="checkbox"/> |           |            | 420393.03 | 0.0572 | P    | 4.5 |

$$y = 3.3762\text{E-}006 * x + 0.0619$$

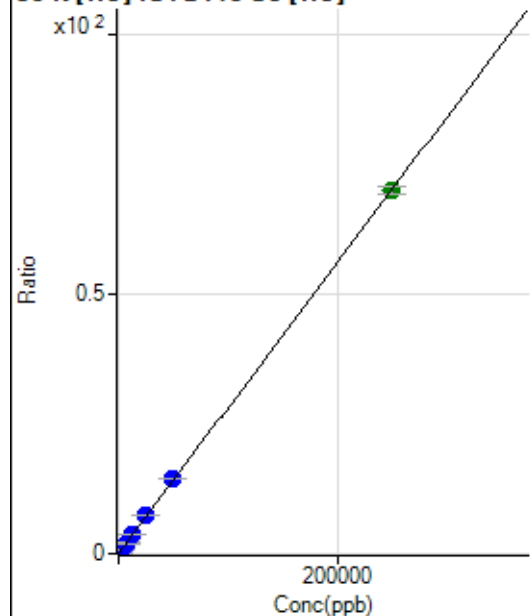
$$R = 0.9917$$

$$DL = 1282$$

$$BEC = 1.833\text{E}+04$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3100.50    | 0.0478  | P    | 1.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 497.520    | 12261.39   | 0.1871  | P    | 3.9 |
| 4 | <input type="checkbox"/> | 2500.000  | 2661.071   | 50388.49   | 0.7930  | P    | 2.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6899.807   | 123614.37  | 1.9801  | P    | 8.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12946.534  | 245381.76  | 3.6736  | P    | 2.4 |
| 7 | <input type="checkbox"/> | 25000.000 | 26299.698  | 483327.83  | 7.4132  | P    | 3.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 51167.393  | 958614.65  | 14.3776 | P    | 0.2 |
| 9 | <input type="checkbox"/> | 250000.00 | 249596.37  | 4752050.76 | 69.9492 | A    | 2.2 |

$$y = 2.8006\text{E-}004 * x + 0.0478$$

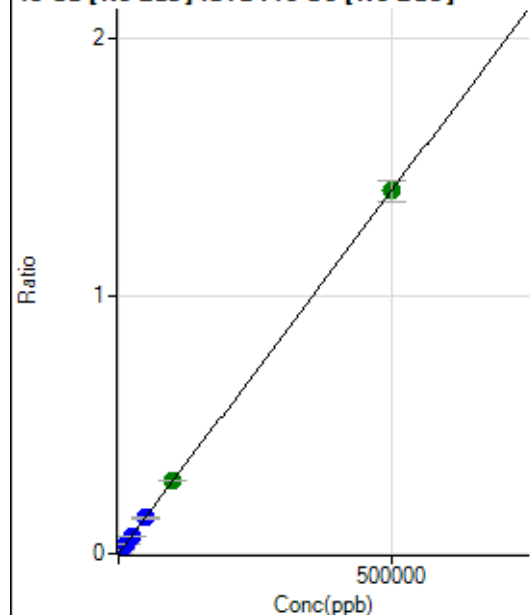
$$R = 1.0000$$

$$DL = 8.123$$

$$BEC = 170.7$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 811.17      | 0.0001 | P    | 11.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 439.059    | 9673.21     | 0.0013 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 4923.854   | 100678.97   | 0.0140 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12394.466  | 252130.70   | 0.0350 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 25000.000 | 24353.850  | 507090.81   | 0.0687 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 49185.967  | 1019590.91  | 0.1386 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 100000.00 | 100765.69  | 2057201.59  | 0.2838 | A    | 1.9  |
| 9 | <input type="checkbox"/> | 500000.00 | 499964.03  | 10345303.27 | 1.4077 | A    | 5.8  |

$$y = 2.8154\text{E-}006 * x + 1.1202\text{E-}004$$

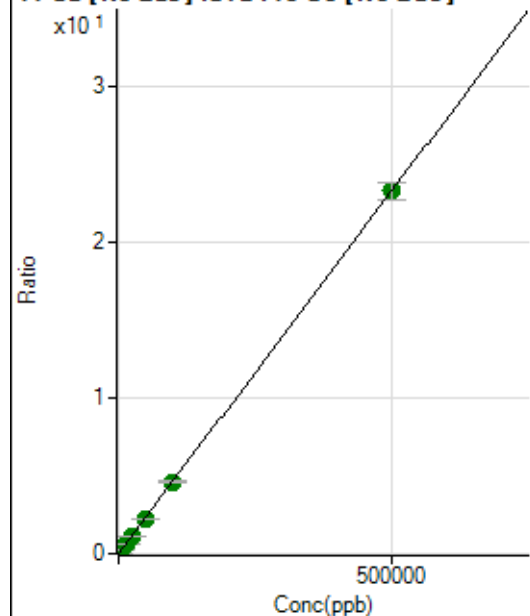
$$R = 1.0000$$

$$DL = 13.2$$

$$BEC = 39.79$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 23893.53    | 0.0033  | P    | 2.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 444.727    | 172448.70   | 0.0240  | P    | 1.7 |
| 4 | <input type="checkbox"/> | 5000.000  | 4946.715   | 1685265.67  | 0.2339  | A    | 1.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12205.930  | 4121980.08  | 0.5723  | A    | 2.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 24049.248  | 8303221.37  | 1.1245  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 48461.159  | 16645949.16 | 2.2625  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 98545.384  | 33318968.80 | 4.5974  | A    | 3.0 |
| 9 | <input type="checkbox"/> | 500000.00 | 500500.28  | 171554687.1 | 23.3363 | A    | 4.8 |

$$y = 4.6619\text{E-}005 * x + 0.0033$$

$$R = 1.0000$$

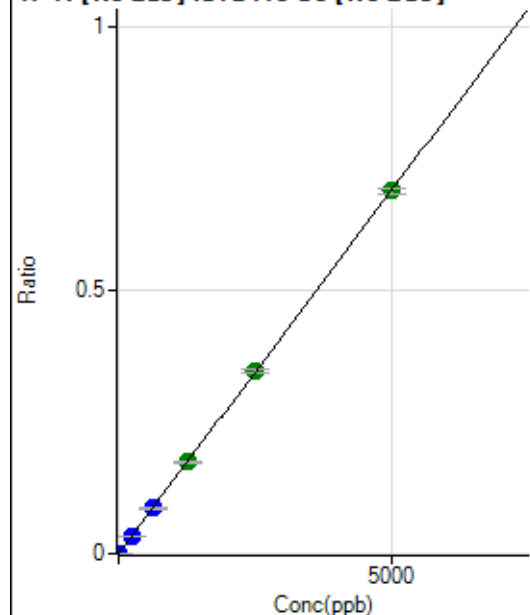
$$DL = 5.549$$

$$BEC = 70.88$$

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      | 177.79     | 0.0000 | P    | 24.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.727      | 4848.27    | 0.0007 | P    | 7.4  |
| 4 | <input type="checkbox"/> | 250.000  | 247.935    | 246395.18  | 0.0342 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 625.000  | 623.183    | 618896.92  | 0.0859 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1257.838   | 1280568.82 | 0.1734 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2510.729   | 2546294.79 | 0.3461 | A    | 1.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4993.006   | 4989155.76 | 0.6883 | A    | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 1705.74    | 0.0002 | P    | 13.2 |

$$y = 1.3785E-004 * x + 2.4628E-005$$

$$R = 1.0000$$

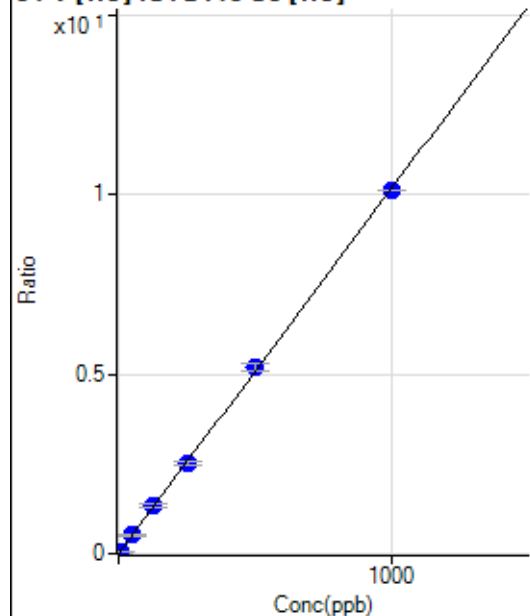
$$DL = 0.1297$$

$$BEC = 0.1787$$

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      | 14.44     | 0.0002  | P    | 35.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.496      | 3012.60   | 0.0460  | P    | 5.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.709     | 32801.92  | 0.5164  | P    | 3.7  |
| 5 | <input type="checkbox"/> | 125.000  | 133.037    | 84560.02  | 1.3545  | P    | 8.6  |
| 6 | <input type="checkbox"/> | 250.000  | 248.013    | 168644.76 | 2.5249  | P    | 2.7  |
| 7 | <input type="checkbox"/> | 500.000  | 511.795    | 339688.91 | 5.2101  | P    | 3.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.562    | 674359.70 | 10.1143 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 500.02    | 0.0074  | P    | 12.0 |

$$y = 0.0102 * x + 2.2283E-004$$

$$R = 0.9999$$

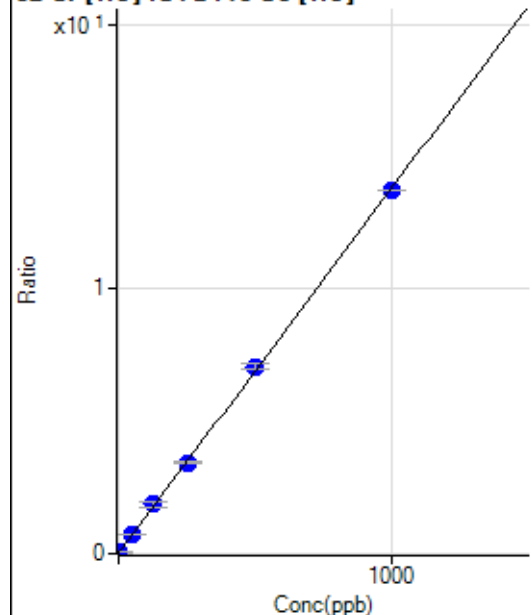
$$DL = 0.0235$$

$$BEC = 0.02189$$

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      | 716.70    | 0.0110  | P   | 4.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.052      | 2580.30   | 0.0394  | P   | 2.1 |
| 4 | <input type="checkbox"/> | 50.000   | 51.577     | 45916.37  | 0.7228  | P   | 2.7 |
| 5 | <input type="checkbox"/> | 125.000  | 133.687    | 115852.50 | 1.8558  | P   | 8.7 |
| 6 | <input type="checkbox"/> | 250.000  | 248.182    | 229506.18 | 3.4357  | P   | 2.0 |
| 7 | <input type="checkbox"/> | 500.000  | 511.781    | 461166.61 | 7.0732  | P   | 3.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.399    | 914707.20 | 13.7191 | P   | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 47269.71  | 0.6958  | P   | 1.9 |

$$y = 0.0138 * x + 0.0110$$

$$R = 0.9999$$

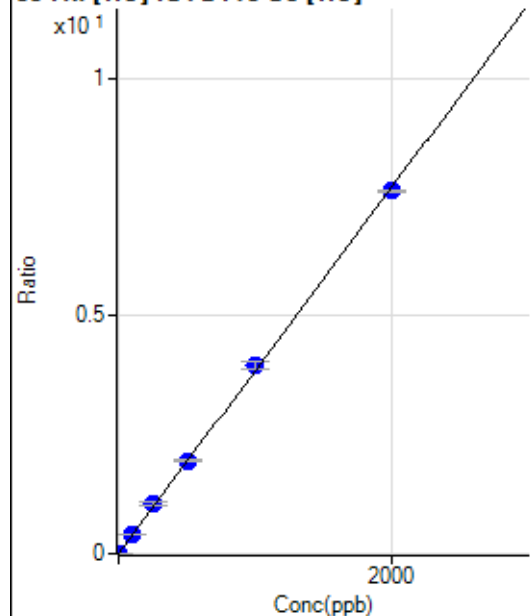
$$DL = 0.1137$$

$$BEC = 0.8005$$

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      | 33.33     | 0.0005 | P   | 25.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.046      | 297.79    | 0.0045 | P   | 6.1  |
| 4 | <input type="checkbox"/> | 100.000  | 105.048    | 25739.53  | 0.4052 | P   | 3.5  |
| 5 | <input type="checkbox"/> | 250.000  | 268.647    | 64674.60  | 1.0355 | P   | 7.7  |
| 6 | <input type="checkbox"/> | 500.000  | 506.015    | 130245.73 | 1.9500 | P   | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1028.101   | 258262.56 | 3.9614 | P   | 3.9  |
| 8 | <input type="checkbox"/> | 2000.000 | 1981.862   | 509111.99 | 7.6359 | P   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 2691.42   | 0.0396 | P   | 3.0  |

$$y = 0.0039 * x + 5.1294E-004$$

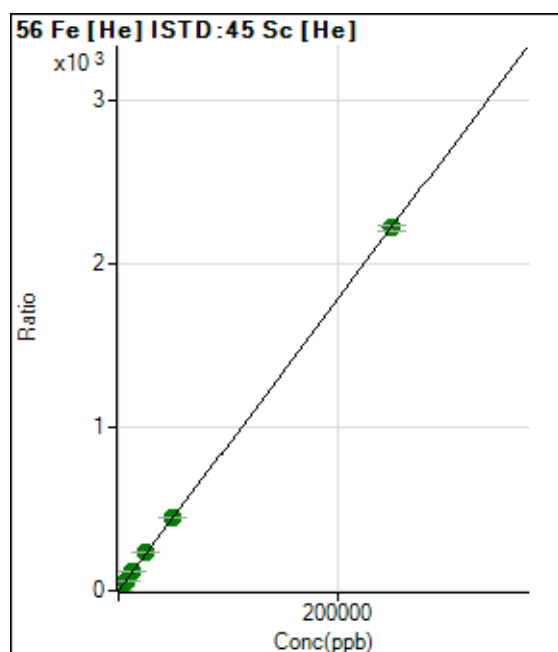
$$R = 0.9998$$

$$DL = 0.1012$$

$$BEC = 0.1331$$

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      | 1603.85     | 0.0247    | P    | 2.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 48.428     | 29875.11    | 0.4558    | P    | 0.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2737.799   | 1549594.87  | 24.3969   | A    | 3.8 |
| 5 | <input type="checkbox"/> | 6250.000  | 6933.453   | 3856269.24  | 61.7472   | A    | 7.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 12840.842  | 7636789.58  | 114.3355  | A    | 2.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 26394.791  | 15322175.92 | 234.9945  | A    | 3.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 50809.400  | 30158886.55 | 452.3364  | A    | 0.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 249662.13  | 151005212.6 | 2,222.548 | A    | 1.5 |

$$y = 0.0089 * x + 0.0247$$

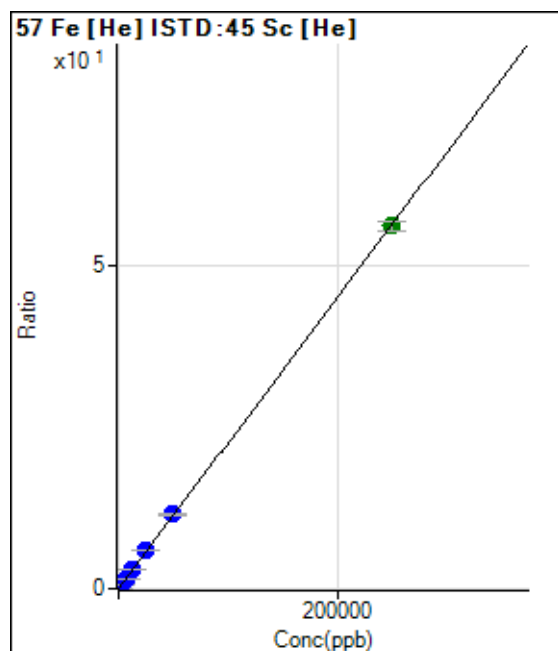
$$R = 1.0000$$

$$DL = 0.1802$$

$$BEC = 2.777$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 50.00      | 0.0008  | P    | 40.6 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 48.074     | 757.45     | 0.0116  | P    | 1.5  |
| 4 | <input type="checkbox"/> | 2500.000  | 2674.134   | 38147.13   | 0.6006  | P    | 3.9  |
| 5 | <input type="checkbox"/> | 6250.000  | 6846.752   | 95911.34   | 1.5366  | P    | 8.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 12880.635  | 193039.91  | 2.8900  | P    | 2.4  |
| 7 | <input type="checkbox"/> | 25000.000 | 26347.657  | 385369.50  | 5.9108  | P    | 3.7  |
| 8 | <input type="checkbox"/> | 50000.000 | 51075.377  | 763905.81  | 11.4574 | P    | 0.7  |
| 9 | <input type="checkbox"/> | 250000.00 | 249614.46  | 3803518.86 | 55.9914 | A    | 2.9  |

$$y = 2.2431E-004 * x + 7.7211E-004$$

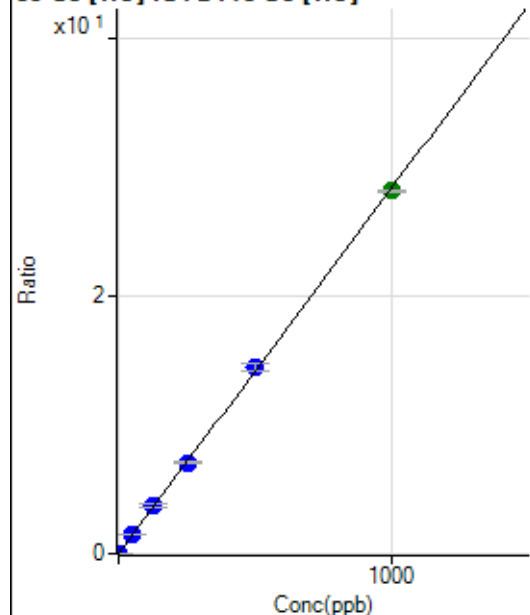
$$R = 1.0000$$

$$DL = 4.193$$

$$BEC = 3.442$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78      | 0.0012  | P   | 32.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.939      | 1823.49    | 0.0278  | P   | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.446     | 94566.83   | 1.4887  | P   | 3.0  |
| 5 | <input type="checkbox"/> | 125.000  | 133.856    | 237176.68  | 3.7976  | P   | 7.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.829    | 473382.72  | 7.0869  | P   | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 511.656    | 946145.75  | 14.5128 | P   | 3.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.986    | 1877839.62 | 28.1643 | A   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 3302.68    | 0.0486  | P   | 2.0  |

$$y = 0.0284 * x + 0.0012$$

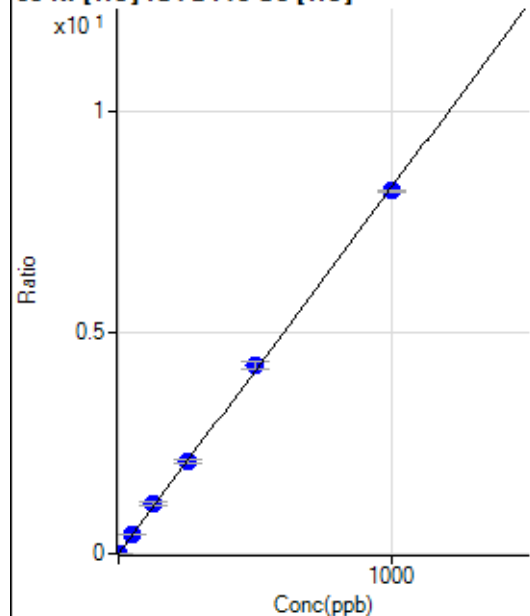
$$R = 0.9999$$

$$DL = 0.04131$$

$$BEC = 0.04229$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.78     | 0.0007 | P   | 45.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.035      | 608.91    | 0.0093 | P   | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 53.411     | 28080.77  | 0.4420 | P   | 2.7  |
| 5 | <input type="checkbox"/> | 125.000  | 135.489    | 69936.86  | 1.1201 | P   | 8.4  |
| 6 | <input type="checkbox"/> | 250.000  | 252.564    | 139427.08 | 2.0874 | P   | 2.6  |
| 7 | <input type="checkbox"/> | 500.000  | 514.385    | 277098.12 | 4.2506 | P   | 4.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.685    | 545775.29 | 8.1858 | P   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 17128.51  | 0.2521 | P   | 1.4  |

$$y = 0.0083 * x + 7.3877E-004$$

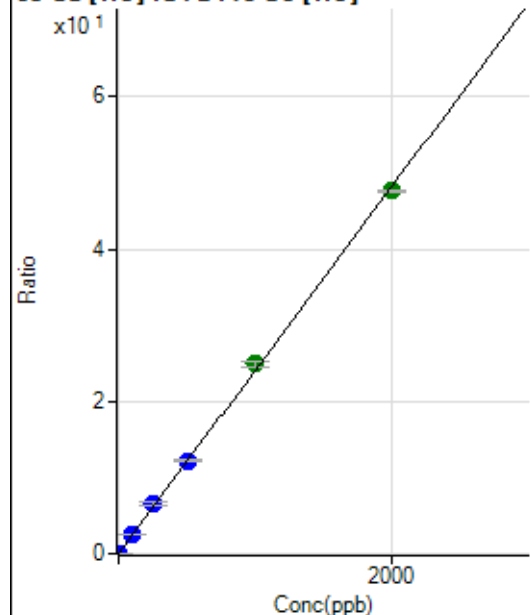
$$R = 0.9998$$

$$DL = 0.1206$$

$$BEC = 0.08942$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 391.12     | 0.0060  | P   | 7.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.934      | 3444.94    | 0.0526  | P   | 4.5 |
| 4 | <input type="checkbox"/> | 100.000  | 105.746    | 162003.88  | 2.5503  | P   | 3.2 |
| 5 | <input type="checkbox"/> | 250.000  | 270.423    | 406677.82  | 6.5125  | P   | 8.0 |
| 6 | <input type="checkbox"/> | 500.000  | 505.106    | 812116.93  | 12.1591 | P   | 2.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1034.149   | 1622594.68 | 24.8880 | A   | 3.8 |
| 8 | <input type="checkbox"/> | 2000.000 | 1978.809   | 3174791.72 | 47.6168 | A   | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 7284.24    | 0.1072  | P   | 2.2 |

$$y = 0.0241 * x + 0.0060$$

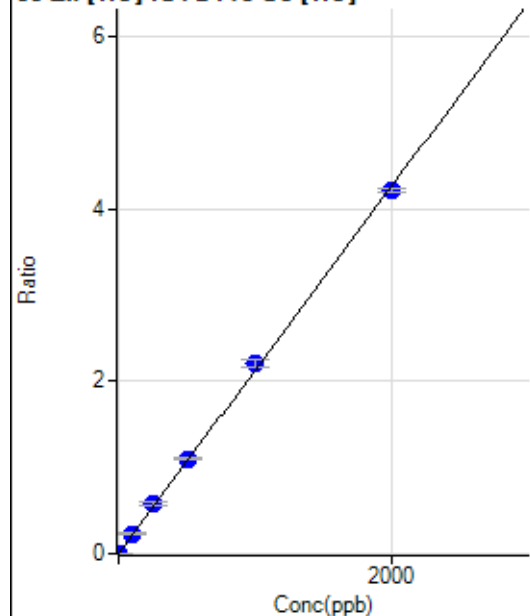
$$R = 0.9997$$

$$DL = 0.05483$$

$$BEC = 0.2506$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22     | 0.0003 | P   | 31.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.075      | 312.23    | 0.0048 | P   | 9.8  |
| 4 | <input type="checkbox"/> | 100.000  | 107.601    | 14578.99  | 0.2296 | P   | 4.5  |
| 5 | <input type="checkbox"/> | 250.000  | 272.469    | 36248.61  | 0.5808 | P   | 9.1  |
| 6 | <input type="checkbox"/> | 500.000  | 513.374    | 73076.75  | 1.0940 | P   | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1034.205   | 143661.31 | 2.2035 | P   | 3.8  |
| 8 | <input type="checkbox"/> | 2000.000 | 1976.365   | 280731.58 | 4.2106 | P   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 1363.42   | 0.0201 | P   | 2.2  |

$$y = 0.0021 * x + 3.4302E-004$$

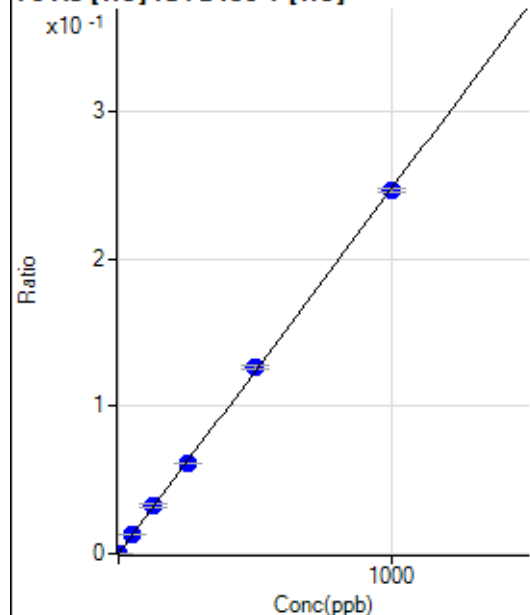
$$R = 0.9997$$

$$DL = 0.1535$$

$$BEC = 0.161$$

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      | 8.64      | 0.0000 | P    | 45.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.893      | 99.38     | 0.0002 | P    | 10.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.371     | 5062.08   | 0.0128 | P    | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 131.680    | 12717.04  | 0.0327 | P    | 7.1  |
| 6 | <input type="checkbox"/> | 250.000  | 247.688    | 25595.36  | 0.0615 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 511.190    | 51342.47  | 0.1268 | P    | 3.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.080    | 101395.55 | 0.2466 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 56.79     | 0.0001 | P    | 22.8 |

$$y = 2.4802E-004 * x + 2.1322E-005$$

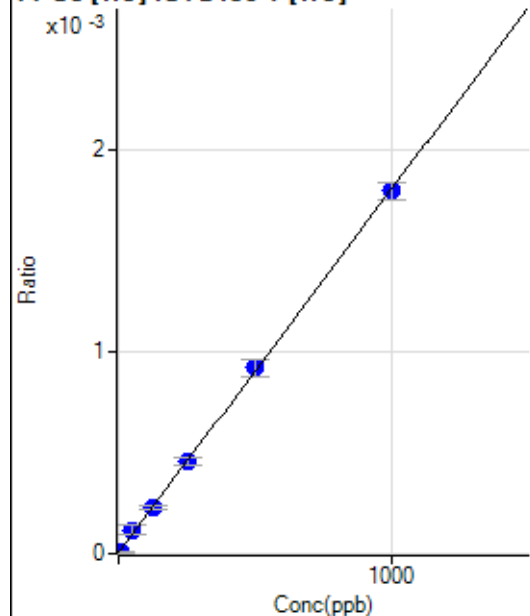
$$R = 0.9999$$

$$DL = 0.1174$$

$$BEC = 0.08597$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS    | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|--------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22   | 0.0000 | P    | 86.6  |
| 2 | <input type="checkbox"/> | 0.500    |            |        |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 0.019      | 2.22   | 0.0000 | P    | 86.6  |
| 4 | <input type="checkbox"/> | 50.000   | 62.891     | 46.67  | 0.0001 | P    | 40.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.116    | 88.89  | 0.0002 | P    | 10.8  |
| 6 | <input type="checkbox"/> | 250.000  | 248.958    | 188.89 | 0.0005 | P    | 8.5   |
| 7 | <input type="checkbox"/> | 500.000  | 508.782    | 373.34 | 0.0009 | P    | 9.7   |
| 8 | <input type="checkbox"/> | 1000.000 | 995.360    | 738.92 | 0.0018 | P    | 4.5   |
| 9 | <input type="checkbox"/> |          |            | 1.11   | 0.0000 | P    | 173.2 |

$$y = 1.7992E-006 * x + 5.4341E-006$$

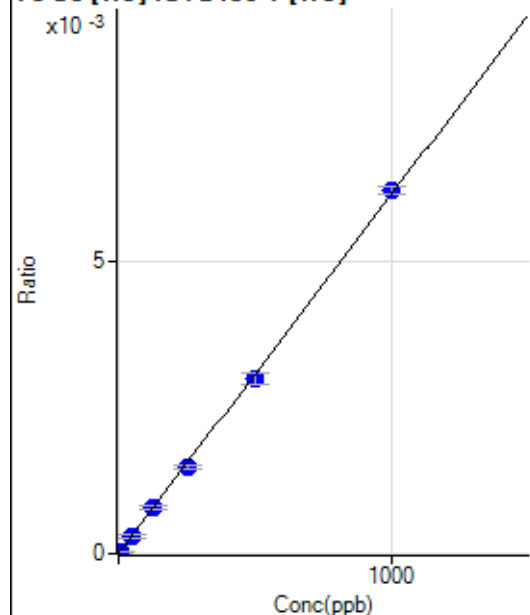
$$R = 0.9998$$

$$DL = 7.847$$

$$BEC = 3.02$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|---------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.47    | 0.0000 | P    | 86.6  |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 3.925      | 12.34   | 0.0000 | P    | 35.2  |
| 4 | <input type="checkbox"/> | 50.000   | 48.142     | 119.75  | 0.0003 | P    | 15.7  |
| 5 | <input type="checkbox"/> | 125.000  | 129.394    | 312.35  | 0.0008 | P    | 9.2   |
| 6 | <input type="checkbox"/> | 250.000  | 238.441    | 613.60  | 0.0015 | P    | 4.2   |
| 7 | <input type="checkbox"/> | 500.000  | 485.422    | 1210.56 | 0.0030 | P    | 6.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 1009.728   | 2557.06 | 0.0062 | P    | 2.1   |
| 9 | <input type="checkbox"/> |          |            | 2.47    | 0.0000 | P    | 113.7 |

$$y = 6.1524\text{E-}006 * x + 6.0379\text{E-}006$$

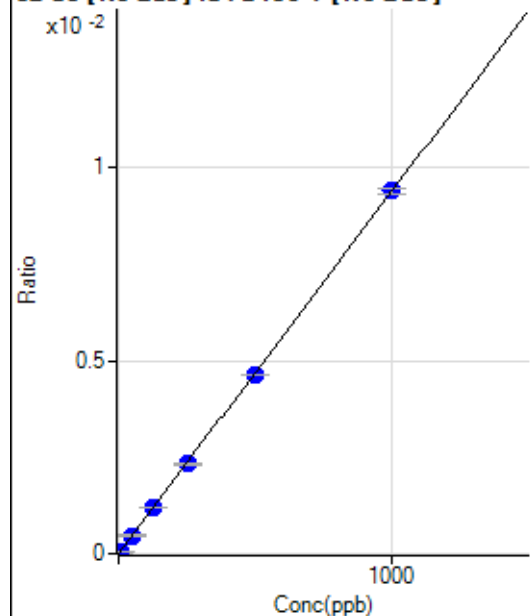
$$R = 0.9997$$

$$DL = 2.55$$

$$BEC = 0.9814$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -20.09    | 0.0000 | P    | -189. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.174      | 573.68    | 0.0000 | P    | 16.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.239     | 5846.99   | 0.0005 | P    | 2.2   |
| 5 | <input type="checkbox"/> | 125.000  | 126.732    | 14826.23  | 0.0012 | P    | 1.9   |
| 6 | <input type="checkbox"/> | 250.000  | 247.433    | 29565.73  | 0.0023 | P    | 1.3   |
| 7 | <input type="checkbox"/> | 500.000  | 495.449    | 59340.49  | 0.0046 | P    | 0.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.688   | 119003.56 | 0.0094 | P    | 1.5   |
| 9 | <input type="checkbox"/> |          |            | 108.39    | 0.0000 | P    | 39.3  |

$$y = 9.3753\text{E-}006 * x - 1.6559\text{E-}006$$

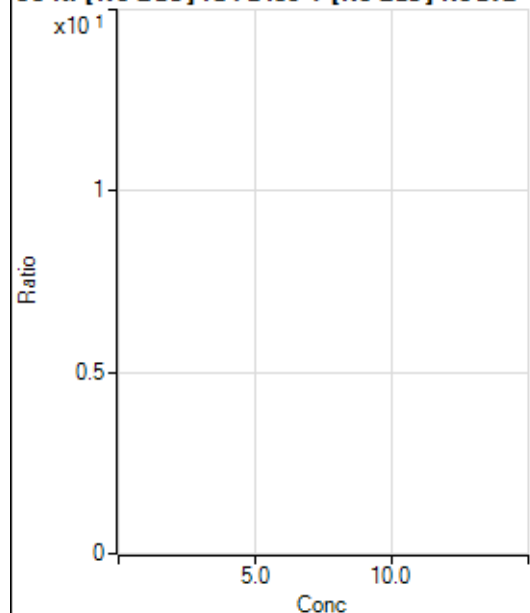
$$R = 1.0000$$

$$DL = 1.005$$

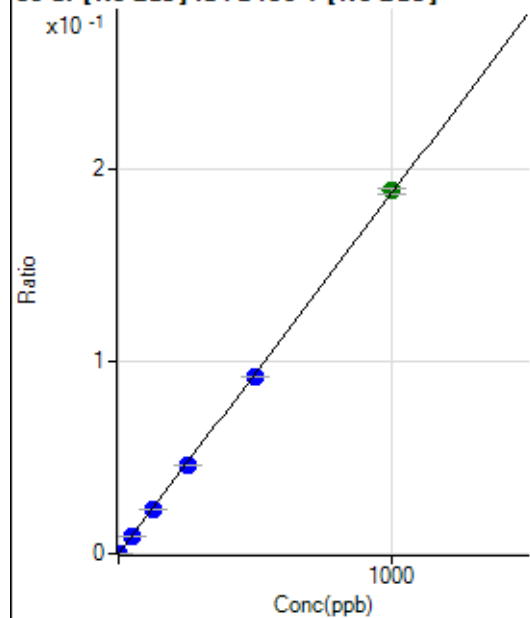
$$BEC = -0.1766$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [No Gas] ISTD:89 Y [No Gas] No av\_**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|--------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 437.79 | 0.0000 | P        | 5.7  |
| 2 | <input type="checkbox"/> |       |            |        |        |          |      |
| 3 | <input type="checkbox"/> |       |            | 422.24 | 0.0000 | P        | 1.5  |
| 4 | <input type="checkbox"/> |       |            | 398.90 | 0.0000 | P        | 11.7 |
| 5 | <input type="checkbox"/> |       |            | 415.57 | 0.0000 | P        | 16.2 |
| 6 | <input type="checkbox"/> |       |            | 438.90 | 0.0000 | P        | 4.9  |
| 7 | <input type="checkbox"/> |       |            | 445.58 | 0.0000 | P        | 1.7  |
| 8 | <input type="checkbox"/> |       |            | 456.68 | 0.0000 | P        | 6.3  |
| 9 | <input type="checkbox"/> |       |            | 431.13 | 0.0000 | P        | 15.0 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 658.38     | 0.0001 | P        | 20.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.895      | 2705.97    | 0.0002 | P        | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.037     | 114861.47  | 0.0092 | P        | 2.8  |
| 5 | <input type="checkbox"/> | 125.000  | 123.655    | 289560.37  | 0.0232 | P        | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 243.590    | 581536.45  | 0.0456 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 489.697    | 1170683.70 | 0.0916 | P        | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.970   | 2384310.32 | 0.1883 | A        | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 82133.26   | 0.0064 | P        | 4.9  |

$$y = 1.8696E-004 * x + 5.2905E-005$$

$$R = 0.9999$$

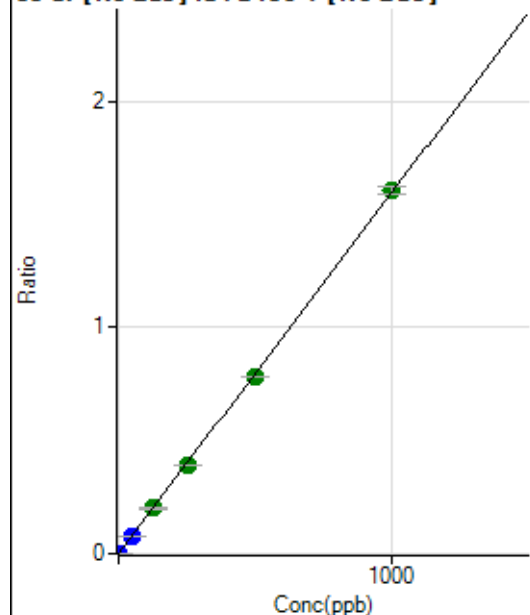
$$DL = 0.1713$$

$$BEC = 0.283$$

Weight: <None>

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      | 125.01      | 0.0000 | P    | 13.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.953      | 18772.01    | 0.0015 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.746     | 987622.09   | 0.0793 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.436    | 2497567.14  | 0.1999 | A    | 1.8  |
| 6 | <input type="checkbox"/> | 250.000  | 246.989    | 5019778.28  | 0.3936 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 490.283    | 9983851.79  | 0.7812 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.570   | 20286092.29 | 1.6023 | A    | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 704247.97   | 0.0549 | P    | 4.9  |

$$y = 0.0016 * x + 1.0075E-005$$

$$R = 0.9999$$

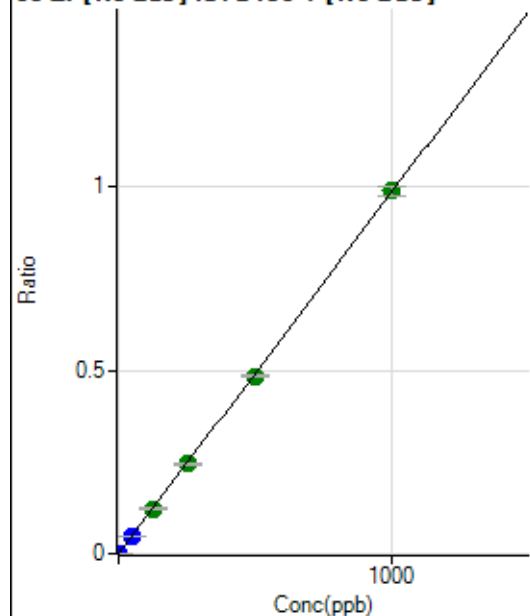
$$DL = 0.002639$$

$$BEC = 0.006323$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 761.16      | 0.0001 | P    | 11.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.930      | 11978.01    | 0.0010 | P    | 5.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.381     | 605526.62   | 0.0486 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.796    | 1533426.11  | 0.1227 | A    | 2.9  |
| 6 | <input type="checkbox"/> | 250.000  | 248.560    | 3117171.14  | 0.2444 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 491.159    | 6170907.82  | 0.4829 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.837   | 12505127.45 | 0.9878 | A    | 2.9  |
| 9 | <input type="checkbox"/> |          |            | 5220.71     | 0.0004 | P    | 6.1  |

$$y = 9.8299E-004 * x + 6.1380E-005$$

$$R = 0.9999$$

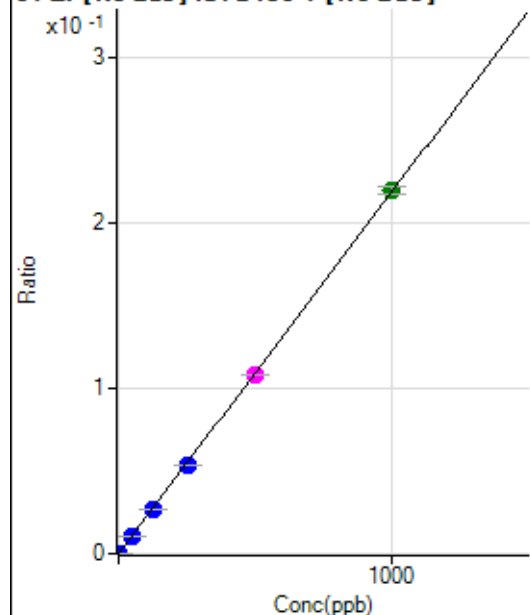
$$DL = 0.02117$$

$$BEC = 0.06244$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 163.90     | 0.0000 | P    | 15.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.952      | 2719.85    | 0.0002 | P    | 4.9  |
| 4 | <input type="checkbox"/> | 50.000   | 48.526     | 132332.71  | 0.0106 | P    | 2.7  |
| 5 | <input type="checkbox"/> | 125.000  | 122.607    | 335144.54  | 0.0268 | P    | 2.0  |
| 6 | <input type="checkbox"/> | 250.000  | 245.475    | 684775.07  | 0.0537 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 495.559    | 1384948.99 | 0.1084 | M    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.725   | 2778840.47 | 0.2195 | A    | 2.1  |
| 9 | <input type="checkbox"/> |          |            | 1164.00    | 0.0001 | P    | 6.1  |

$$y = 2.1866\text{E-}004 * x + 1.3204\text{E-}005$$

$$R = 1.0000$$

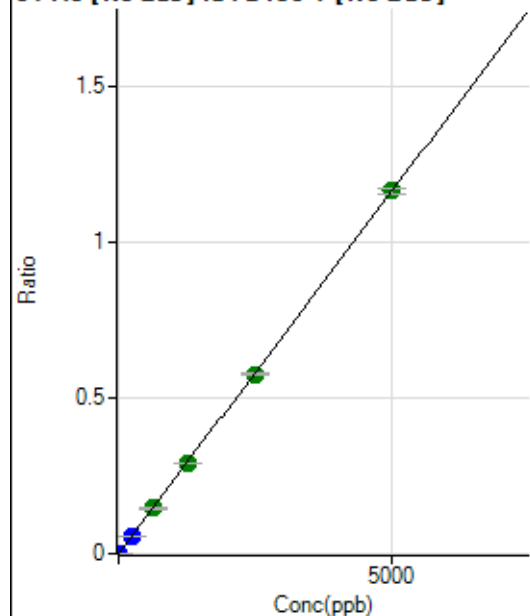
$$DL = 0.02827$$

$$BEC = 0.06039$$

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      | 344.46      | 0.0000 | P    | 14.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.659      | 13626.90    | 0.0011 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 250.000  | 247.739    | 716936.71   | 0.0576 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 625.000  | 628.998    | 1825042.77  | 0.1461 | A    | 2.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1249.380   | 3700268.36  | 0.2901 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2479.145   | 7356825.25  | 0.5757 | A    | 1.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 5010.196   | 14729109.01 | 1.1634 | A    | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 21008.68    | 0.0016 | P    | 4.6  |

$$y = 2.3219\text{E-}004 * x + 2.7804\text{E-}005$$

$$R = 1.0000$$

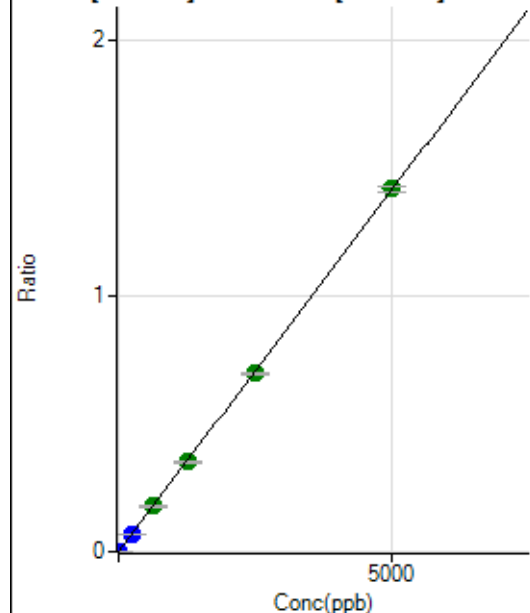
$$DL = 0.05239$$

$$BEC = 0.1197$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 138.90      | 0.0000 | P    | 37.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.643      | 16254.86    | 0.0013 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 250.000  | 247.160    | 871059.70   | 0.0699 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 625.000  | 627.843    | 2219142.28  | 0.1776 | A    | 2.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1242.012   | 4480999.23  | 0.3513 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2466.007   | 8914495.51  | 0.6976 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 5018.781   | 17974482.52 | 1.4196 | A    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 32709.99    | 0.0026 | P    | 3.6  |

$$y = 2.8286E-004 * x + 1.1116E-005$$

$$R = 1.0000$$

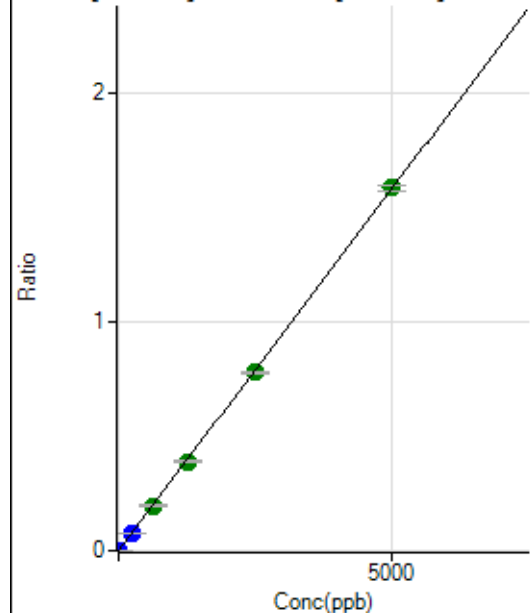
$$DL = 0.04362$$

$$BEC = 0.0393$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 197.23      | 0.0000 | P    | 18.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.699      | 18441.10    | 0.0015 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 246.825    | 972496.25   | 0.0781 | P    | 2.8  |
| 5 | <input type="checkbox"/> | 625.000  | 623.864    | 2465533.34  | 0.1973 | A    | 1.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1234.838   | 4981091.47  | 0.3905 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2472.029   | 9991229.74  | 0.7818 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 5000.000 | 5018.077   | 20092810.87 | 1.5870 | A    | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 37488.83    | 0.0029 | P    | 4.7  |

$$y = 3.1625E-004 * x + 1.5930E-005$$

$$R = 1.0000$$

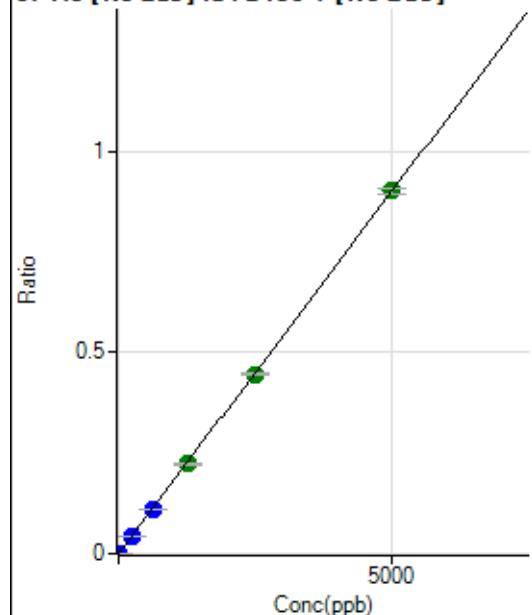
$$DL = 0.02819$$

$$BEC = 0.05037$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.34       | 0.0000 | P    | 12.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.600      | 10220.94    | 0.0008 | P    | 4.0  |
| 4 | <input type="checkbox"/> | 250.000  | 243.792    | 546577.11   | 0.0439 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 625.000  | 612.212    | 1376667.37  | 0.1102 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1244.566   | 2856472.57  | 0.2240 | A    | 1.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2478.485   | 5699969.62  | 0.4460 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 5014.025   | 11423924.48 | 0.9023 | A    | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 21175.81    | 0.0017 | P    | 1.5  |

$$y = 1.7995E-004 * x + 4.6909E-006$$

$$R = 1.0000$$

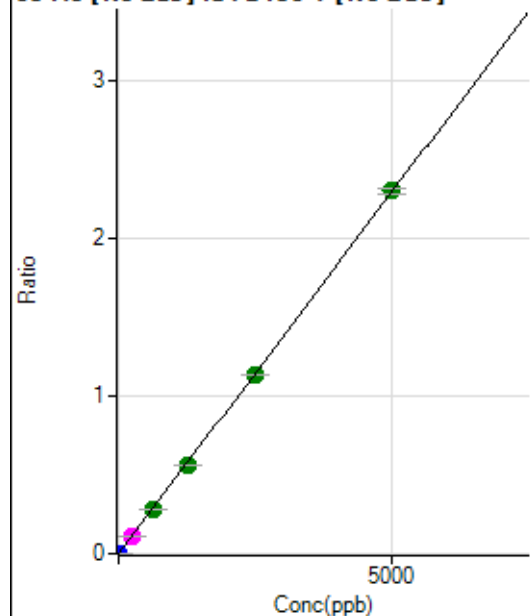
$$DL = 0.009877$$

$$BEC = 0.02607$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 161.12      | 0.0000 | P    | 26.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.700      | 26551.91    | 0.0022 | P    | 5.2  |
| 4 | <input type="checkbox"/> | 250.000  | 247.072    | 1408361.11  | 0.1130 | M    | 1.8  |
| 5 | <input type="checkbox"/> | 625.000  | 620.238    | 3545870.09  | 0.2838 | A    | 1.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1222.592   | 7134075.42  | 0.5593 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2466.982   | 14423913.69 | 1.1287 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 5024.103   | 29102385.37 | 2.2985 | A    | 1.7  |
| 9 | <input type="checkbox"/> |          |            | 52826.50    | 0.0041 | P    | 3.8  |

$$y = 4.5750E-004 * x + 1.3024E-005$$

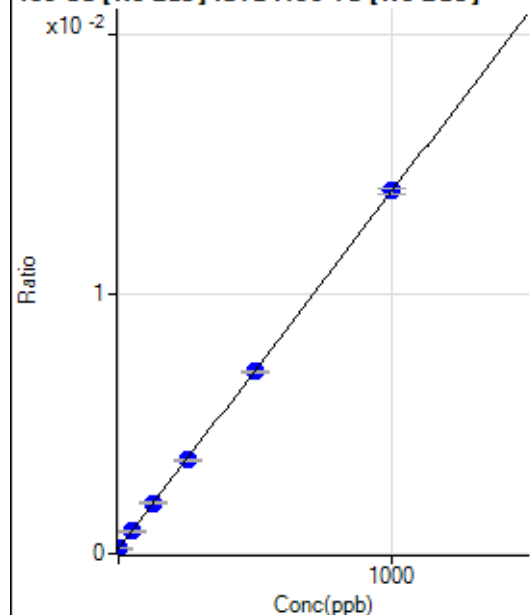
$$R = 1.0000$$

$$DL = 0.02257$$

$$BEC = 0.02847$$

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      | 2603.15   | 0.0002 | P    | 10.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.600      | 2664.29   | 0.0002 | P    | 9.9  |
| 4 | <input type="checkbox"/> | 50.000   | 48.948     | 11880.82  | 0.0009 | P    | 3.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.543    | 26657.87  | 0.0019 | P    | 3.6  |
| 6 | <input type="checkbox"/> | 250.000  | 247.607    | 50071.69  | 0.0036 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 496.688    | 98641.10  | 0.0070 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.114   | 195894.03 | 0.0140 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 2717.08   | 0.0002 | P    | 4.1  |

$$y = 1.3748\text{E-}005 * x + 1.8982\text{E-}004$$

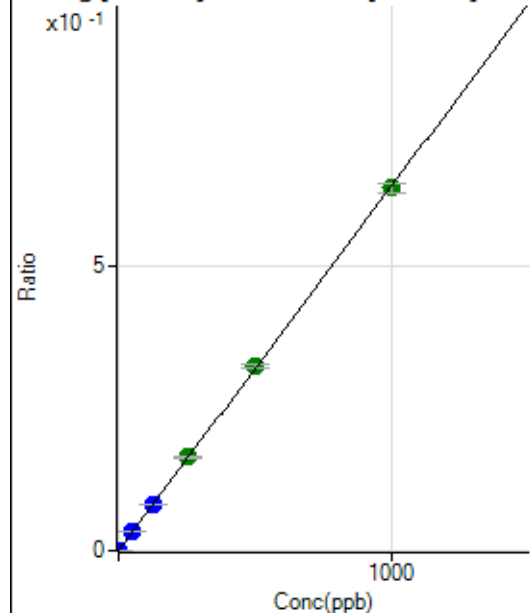
$$R = 1.0000$$

$$DL = 4.131$$

$$BEC = 13.81$$

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      | 88.89      | 0.0000 | P    | 46.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.971      | 8458.59    | 0.0006 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 51.005     | 450156.70  | 0.0327 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.474    | 1119950.07 | 0.0810 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 256.912    | 2293615.22 | 0.1646 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 505.941    | 4556642.07 | 0.3242 | A    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.067    | 8940410.18 | 0.6376 | A    | 2.7  |
| 9 | <input type="checkbox"/> |          |            | 1494.60    | 0.0001 | P    | 14.8 |

$$y = 6.4076\text{E-}004 * x + 6.4709\text{E-}006$$

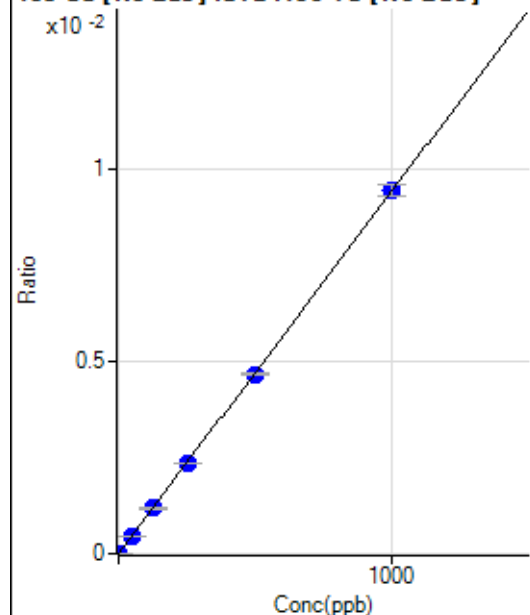
$$R = 0.9999$$

$$DL = 0.01401$$

$$BEC = 0.0101$$

Weight: &lt;None&gt;

Min Conc: 0

**108 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      | 4.17      | 0.0000 | P    | 98.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.079      | 140.28    | 0.0000 | P    | 32.2 |
| 4 | <input type="checkbox"/> | 50.000   | 49.785     | 6465.59   | 0.0005 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 125.175    | 16303.19  | 0.0012 | P    | 2.7  |
| 6 | <input type="checkbox"/> | 250.000  | 249.299    | 32737.17  | 0.0023 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 496.510    | 65768.07  | 0.0047 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.909   | 132385.60 | 0.0094 | P    | 3.0  |
| 9 | <input type="checkbox"/> |          |            | 37.50     | 0.0000 | P    | 37.2 |

$$y = 9.4235\text{E-}006 * x + 3.0408\text{E-}007$$

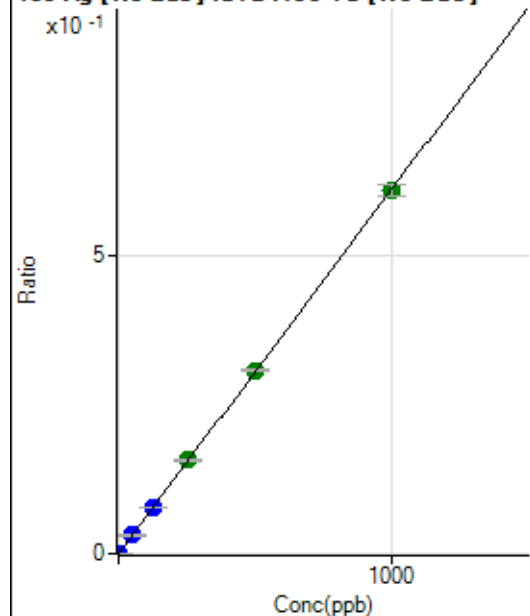
$$R = 1.0000$$

$$DL = 0.09554$$

$$BEC = 0.03227$$

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      | 38.89      | 0.0000 | P    | 13.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.979      | 8083.31    | 0.0006 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.572     | 425173.06  | 0.0309 | P    | 3.0  |
| 5 | <input type="checkbox"/> | 125.000  | 127.047    | 1072113.53 | 0.0776 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 256.987    | 2186003.65 | 0.1569 | A    | 2.1  |
| 7 | <input type="checkbox"/> | 500.000  | 502.493    | 4312204.78 | 0.3068 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.722    | 8533019.11 | 0.6086 | A    | 3.0  |
| 9 | <input type="checkbox"/> |          |            | 1447.37    | 0.0001 | P    | 9.0  |

$$y = 6.1057\text{E-}004 * x + 2.8375\text{E-}006$$

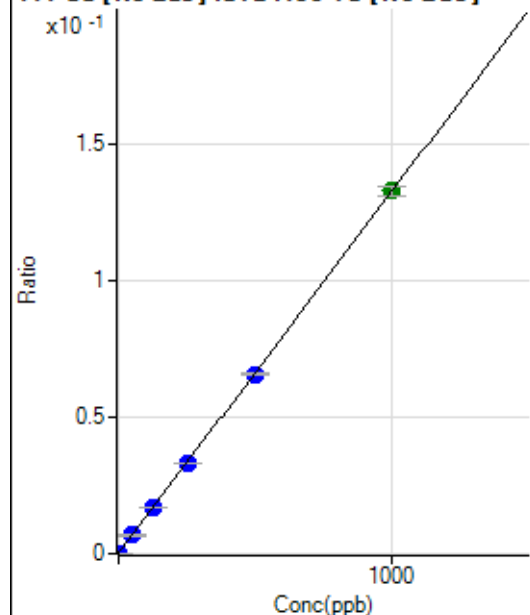
$$R = 1.0000$$

$$DL = 0.001882$$

$$BEC = 0.004647$$

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      | 1830.40    | 0.0001 | P    | 9.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.917      | 3426.67    | 0.0003 | P    | 4.6 |
| 4 | <input type="checkbox"/> | 50.000   | 49.538     | 92001.13   | 0.0067 | P    | 2.0 |
| 5 | <input type="checkbox"/> | 125.000  | 125.641    | 231332.96  | 0.0167 | P    | 2.0 |
| 6 | <input type="checkbox"/> | 250.000  | 248.583    | 459603.37  | 0.0330 | P    | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 495.941    | 923152.56  | 0.0657 | P    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.327   | 1859450.14 | 0.1326 | A    | 2.8 |
| 9 | <input type="checkbox"/> |          |            | 2291.00    | 0.0002 | P    | 3.0 |

$$y = 1.3217\text{E-}004 * x + 1.3347\text{E-}004$$

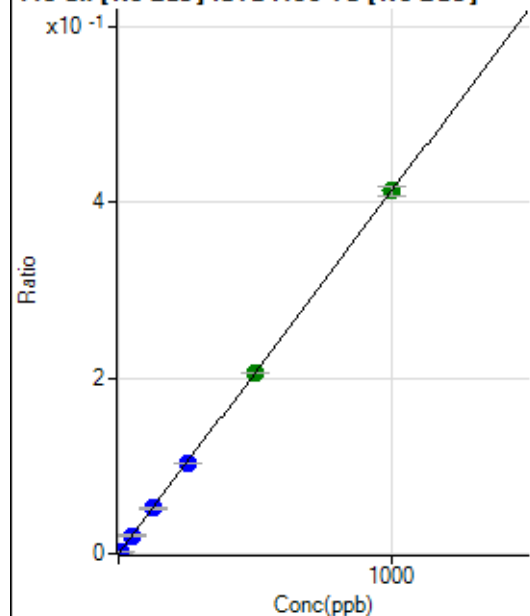
$$R = 1.0000$$

$$DL = 0.2763$$

$$BEC = 1.01$$

Weight: &lt;None&gt;

Min Conc: 0

**118 Sn [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      | 597.27     | 0.0000 | P    | 14.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.656      | 26477.12   | 0.0020 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.837     | 284118.12  | 0.0206 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 124.832    | 713286.52  | 0.0516 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 250.012    | 1439650.39 | 0.1033 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 498.739    | 2896789.15 | 0.2061 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.658   | 5797369.27 | 0.4135 | A    | 2.8  |
| 9 | <input type="checkbox"/> |          |            | 12097.68   | 0.0009 | P    | 9.0  |

$$y = 4.1314\text{E-}004 * x + 4.3507\text{E-}005$$

$$R = 1.0000$$

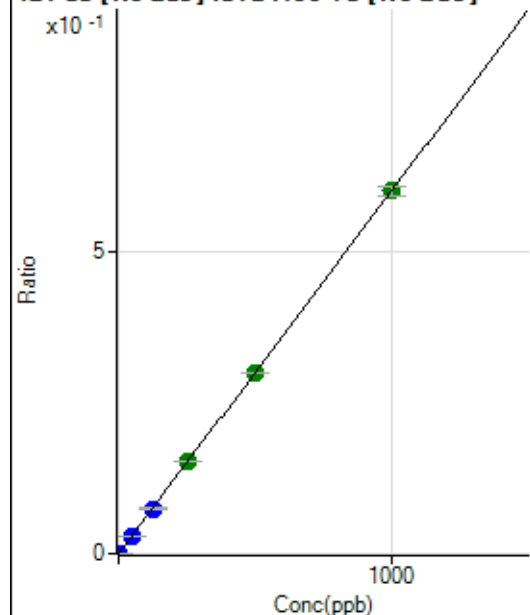
$$DL = 0.04536$$

$$BEC = 0.1053$$

Weight: &lt;None&gt;

Min Conc: 0

121 Sb [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      | 113.90     | 0.0000 | P    | 13.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.898      | 15476.41   | 0.0011 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.241     | 408010.83  | 0.0296 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 124.345    | 1033826.85 | 0.0748 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 253.049    | 2121060.79 | 0.1522 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 497.882    | 4209853.39 | 0.2995 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.417   | 8438808.96 | 0.6018 | A    | 2.7  |
| 9 | <input type="checkbox"/> |          |            | 22113.92   | 0.0016 | P    | 6.9  |

$$y = 6.0156\text{E-}004 * x + 8.3141\text{E-}006$$

$$R = 1.0000$$

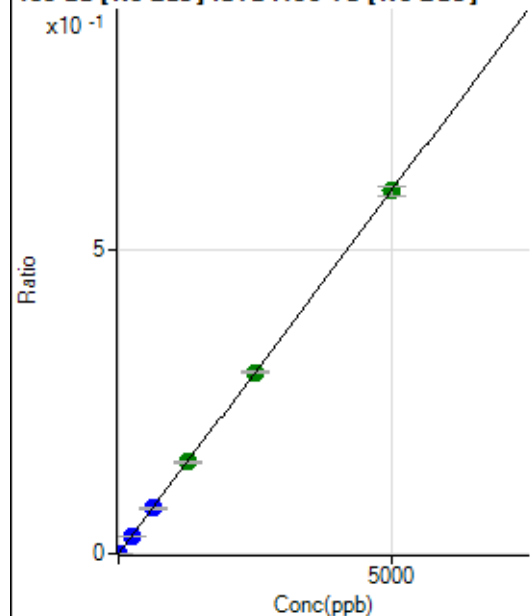
$$DL = 0.00545$$

$$BEC = 0.01382$$

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      | 38.89      | 0.0000 | P    | 34.4 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.520      | 15292.84   | 0.0011 | P    | 4.0  |
| 4 | <input type="checkbox"/> | 250.000  | 248.572    | 407763.14  | 0.0296 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 625.000  | 624.705    | 1028248.99 | 0.0744 | P    | 2.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1261.556   | 2093824.96 | 0.1503 | A    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2497.654   | 4181718.71 | 0.2975 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.393   | 8348759.56 | 0.5954 | A    | 2.9  |
| 9 | <input type="checkbox"/> |          |            | 3667.34    | 0.0003 | P    | 7.5  |

$$y = 1.1912\text{E-}004 * x + 2.8451\text{E-}006$$

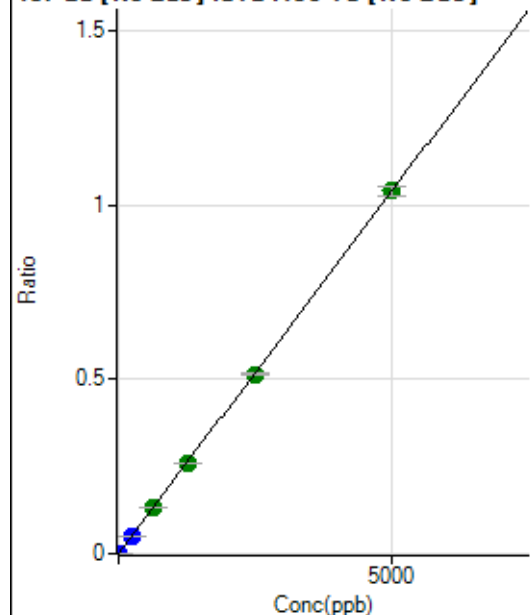
$$R = 1.0000$$

$$DL = 0.02467$$

$$BEC = 0.02389$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>137</sup>Ba [No Gas] ISTD : <sup>159</sup>Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 102.78      | 0.0000 | P        | 12.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.513      | 26703.05    | 0.0020 | P        | 4.1  |
| 4 | <input type="checkbox"/> | 250.000  | 249.438    | 714174.39   | 0.0519 | P        | 2.2  |
| 5 | <input type="checkbox"/> | 625.000  | 632.935    | 1818228.38  | 0.1316 | A        | 2.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1249.333   | 3618808.37  | 0.2597 | A        | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2481.654   | 7251620.39  | 0.5159 | A        | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 5008.377   | 14600450.33 | 1.0412 | A        | 2.7  |
| 9 | <input type="checkbox"/> |          |            | 6151.72     | 0.0004 | P        | 5.7  |

$$y = 2.0789\text{E-}004 * x + 7.4904\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01316$$

$$BEC = 0.03603$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>150</sup>Nd [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 124.9 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 13.33  |       | P        | 50.0  |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 52.9  |
| 5 | <input type="checkbox"/> |       |            | 73.34  |       | P        | 47.2  |
| 6 | <input type="checkbox"/> |       |            | 71.12  |       | P        | 32.9  |
| 7 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 10.2  |
| 8 | <input type="checkbox"/> |       |            | 284.46 |       | P        | 9.5   |
| 9 | <input type="checkbox"/> |       |            | 104.45 |       | P        | 24.2  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 6 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 7 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 0.0   |
| 8 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 43.3  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 19.45  |       | P        | 24.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 91.6 |
| 4 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 34.7 |
| 5 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 75.5 |
| 6 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 53.9 |
| 7 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 43.3 |
| 8 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 39.7 |
| 9 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 17.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 6.66  |       | P        | 86.6  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 6 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 69.3  |
| 7 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2  |
| 8 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 78.1  |
| 9 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8  |

**160 Gd [No Gas] Noavailable calibration poin\_**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 39.0 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 19.5 |
| 4 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 30.1 |
| 5 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 24.0 |
| 6 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 30.3 |
| 7 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 12.1 |
| 8 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 46.3 |
| 9 | <input type="checkbox"/> |       |            | 113.90 |       | P        | 21.1 |

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

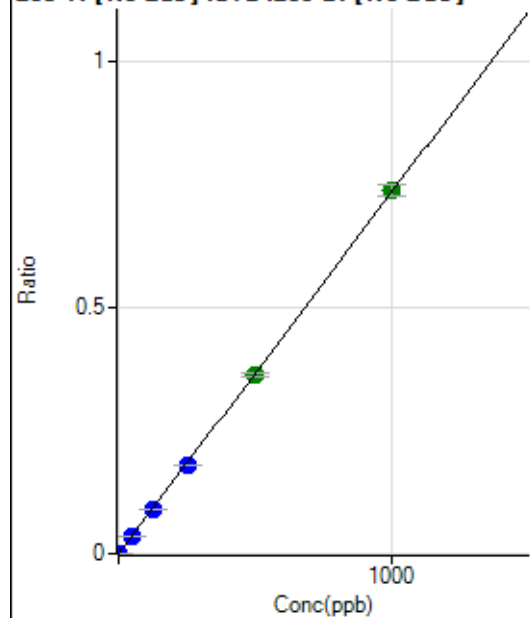
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 65.5  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 13.34 |       | P        | 43.3  |
| 4 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8  |
| 5 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 65.5  |
| 6 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6  |
| 7 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 113.8 |
| 8 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 56.8  |
| 9 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 27.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 32.9 |
| 4 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 21.6 |
| 5 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 28.6 |
| 6 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 9.1  |
| 7 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 39.8 |
| 8 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 21.6 |
| 9 | <input type="checkbox"/> |       |            | 55.56 |       | P        | 22.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 12.4 |
| 4 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 5 | <input type="checkbox"/> |       |            | 13.33 |       | P        | NaN  |
| 6 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 43.3 |
| 7 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3 |
| 8 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 49.5 |
| 9 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 26.7 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78      | 0.0000 | P        | 5.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.934      | 5448.64    | 0.0007 | P        | 5.9 |
| 4 | <input type="checkbox"/> | 50.000   | 47.978     | 280319.68  | 0.0352 | P        | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 120.984    | 697895.85  | 0.0888 | P        | 1.7 |
| 6 | <input type="checkbox"/> | 250.000  | 243.330    | 1411515.06 | 0.1785 | P        | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 494.835    | 2899889.89 | 0.3630 | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.853   | 5790105.34 | 0.7371 | A        | 3.1 |
| 9 | <input type="checkbox"/> |          |            | 3147.78    | 0.0004 | P        | 3.3 |

$$y = 7.3349\text{E-}004 * x + 9.7070\text{E-}006$$

$$R = 1.0000$$

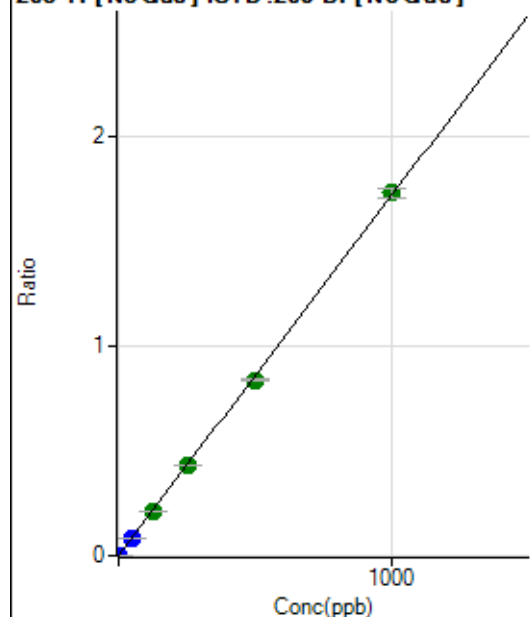
$$DL = 0.002015$$

$$BEC = 0.01323$$

Weight: <None>

Min Conc: 0

205 Tl [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      | 188.90      | 0.0000 | P    | 11.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.973      | 13316.00    | 0.0017 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.932     | 670801.28   | 0.0842 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 122.836    | 1662534.74  | 0.2114 | A    | 1.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.001    | 3389110.93  | 0.4286 | A    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 487.259    | 6700136.35  | 0.8386 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.944   | 13614605.16 | 1.7330 | A    | 2.8  |
| 9 | <input type="checkbox"/> |          |            | 7711.06     | 0.0010 | P    | 2.1  |

$$y = 0.0017 * x + 2.3600E-005$$

$$R = 0.9999$$

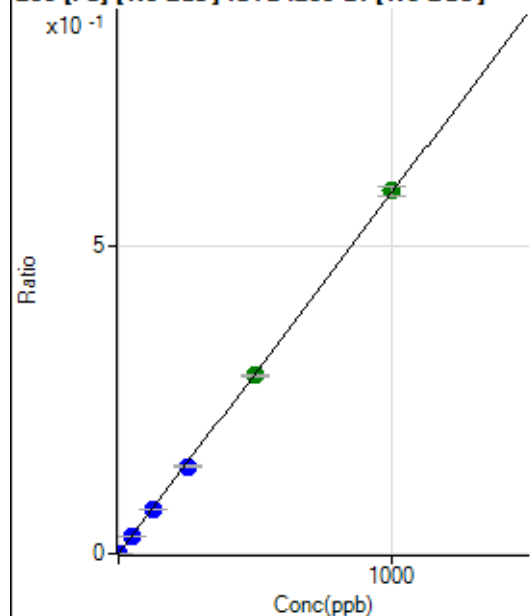
$$DL = 0.004871$$

$$BEC = 0.01371$$

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      | 218.53     | 0.0000 | P    | 5.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.943      | 4558.37    | 0.0006 | P    | 5.5 |
| 4 | <input type="checkbox"/> | 50.000   | 47.934     | 224573.95  | 0.0282 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 121.495    | 561718.80  | 0.0714 | P    | 2.0 |
| 6 | <input type="checkbox"/> | 250.000  | 242.492    | 1127309.27 | 0.1426 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 493.195    | 2316317.50 | 0.2899 | A    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.821   | 4644371.52 | 0.5912 | A    | 3.0 |
| 9 | <input type="checkbox"/> |          |            | 9116.52    | 0.0012 | P    | 4.7 |

$$y = 5.8775E-004 * x + 2.7271E-005$$

$$R = 0.9999$$

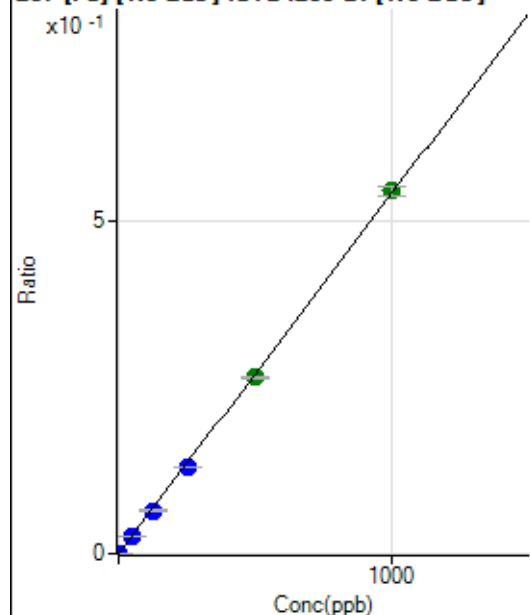
$$DL = 0.007146$$

$$BEC = 0.0464$$

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      | 164.82     | 0.0000 | P    | 9.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.941      | 4158.22    | 0.0005 | P    | 4.4 |
| 4 | <input type="checkbox"/> | 50.000   | 47.259     | 204084.89  | 0.0256 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 119.487    | 509263.58  | 0.0648 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 240.389    | 1030165.79 | 0.1303 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 489.786    | 2120476.54 | 0.2654 | A    | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.336   | 4292524.49 | 0.5464 | A    | 2.5 |
| 9 | <input type="checkbox"/> |          |            | 7834.12    | 0.0010 | P    | 5.2 |

$$y = 5.4182E-004 * x + 2.0585E-005$$

$$R = 0.9999$$

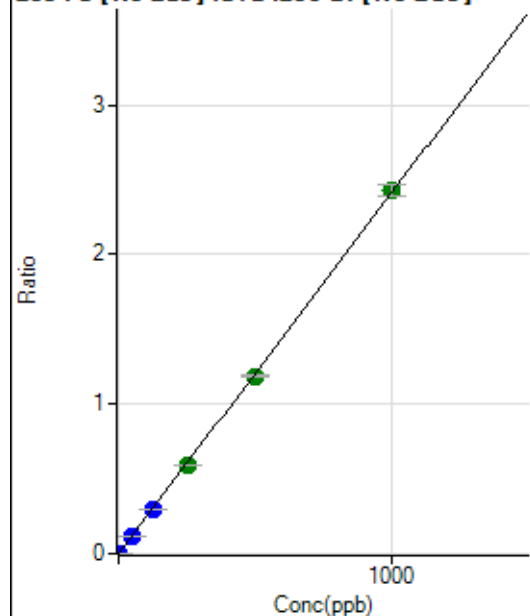
$$DL = 0.01034$$

$$BEC = 0.03799$$

Weight: &lt;None&gt;

Min Conc: 0

208 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      | 777.82      | 0.0001 | P    | 9.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.930      | 18340.87    | 0.0023 | P    | 3.8 |
| 4 | <input type="checkbox"/> | 50.000   | 47.927     | 920674.23   | 0.1156 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 121.264    | 2299126.20  | 0.2924 | P    | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 244.843    | 4667465.91  | 0.5902 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 491.784    | 9470942.53  | 1.1854 | A    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.968   | 19047853.87 | 2.4247 | A    | 3.1 |
| 9 | <input type="checkbox"/> |          |            | 36019.16    | 0.0048 | P    | 5.3 |

$$y = 0.0024 * x + 9.7088E-005$$

$$R = 0.9999$$

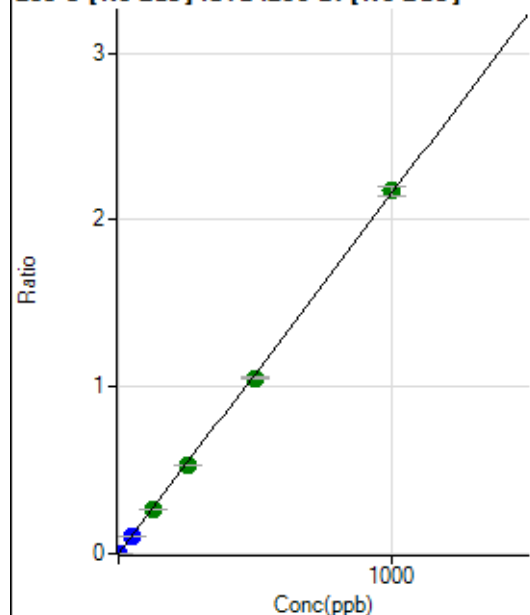
$$DL = 0.01137$$

$$BEC = 0.04028$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [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      | 69.45       | 0.0000 | P    | 24.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.925      | 15707.78    | 0.0020 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.116     | 826499.28   | 0.1038 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 123.856    | 2100911.66  | 0.2671 | A    | 2.0  |
| 6 | <input type="checkbox"/> | 250.000  | 244.765    | 4174908.17  | 0.5279 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 487.627    | 8403271.37  | 1.0518 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.733   | 17075646.39 | 2.1736 | A    | 2.8  |
| 9 | <input type="checkbox"/> |          |            | 4456.57     | 0.0006 | P    | 7.0  |

$$y = 0.0022 * x + 8.6583E-006$$

$$R = 0.9999$$

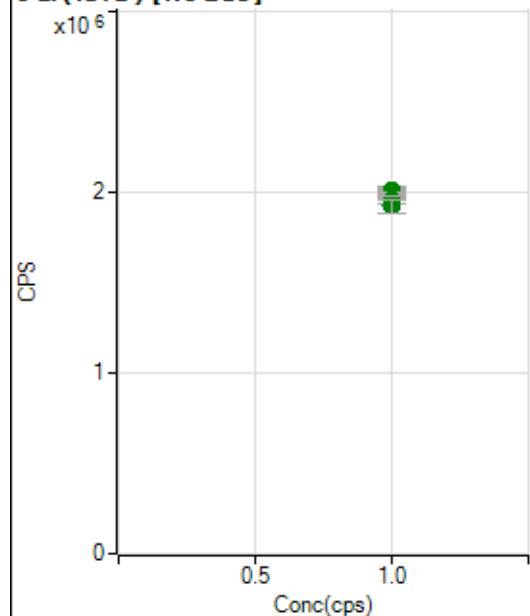
$$DL = 0.002931$$

$$BEC = 0.004014$$

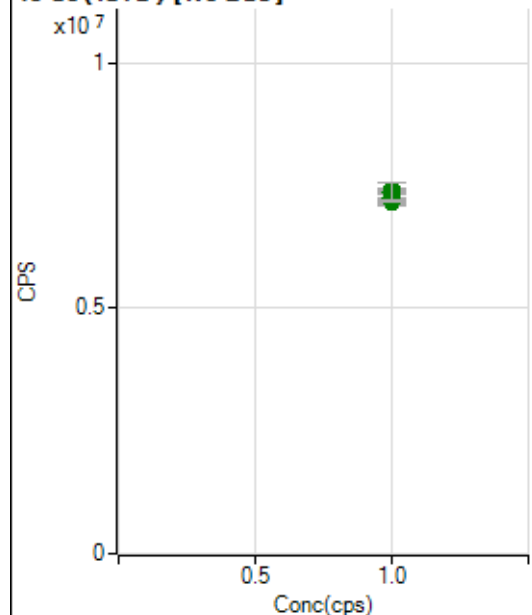
Weight: &lt;None&gt;

Min Conc: 0

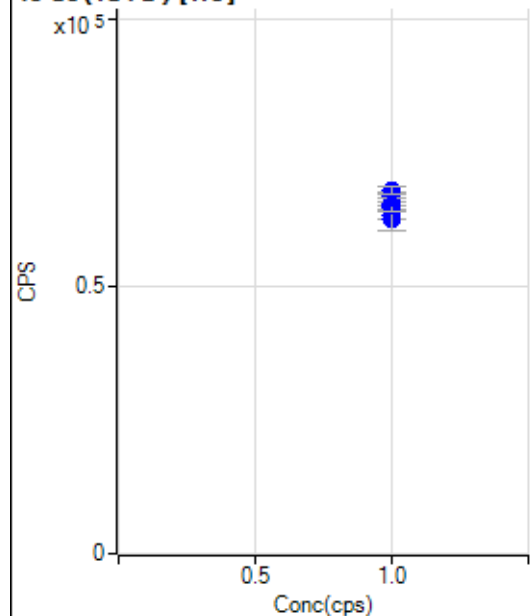
6 Li (ISTD) [No Gas]



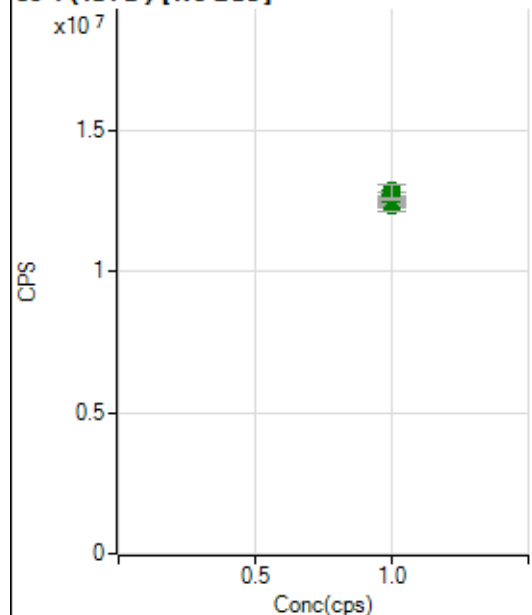
|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1999711.08 |       | A    | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |      |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1995857.85 |       | A    | 2.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2005383.90 |       | A    | 1.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1976912.51 |       | A    | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1998292.75 |       | A    | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1996930.06 |       | A    | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1954675.79 |       | A    | 2.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1921415.75 |       | A    | 3.7 |

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

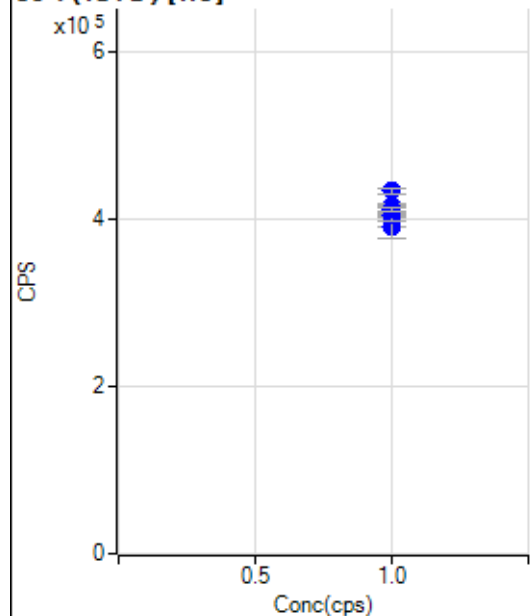
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7232511.18 |       | A        | 2.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7175899.90 |       | A        | 2.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7205486.45 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7203249.64 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7384487.84 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7357455.02 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7250674.73 |       | A        | 2.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7362578.90 |       | A        | 4.7 |

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

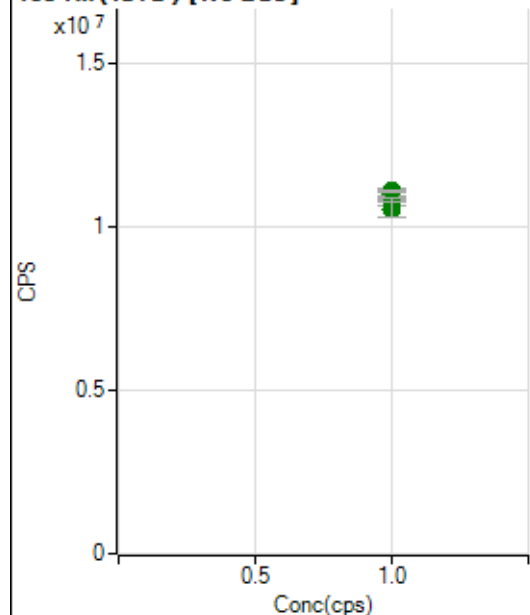
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 64875.51 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 65541.76 |       | P        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 63557.96 |       | P        | 2.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 62695.49 |       | P        | 7.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 66822.49 |       | P        | 2.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 65261.06 |       | P        | 3.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 66673.94 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 67955.64 |       | P        | 2.0 |

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

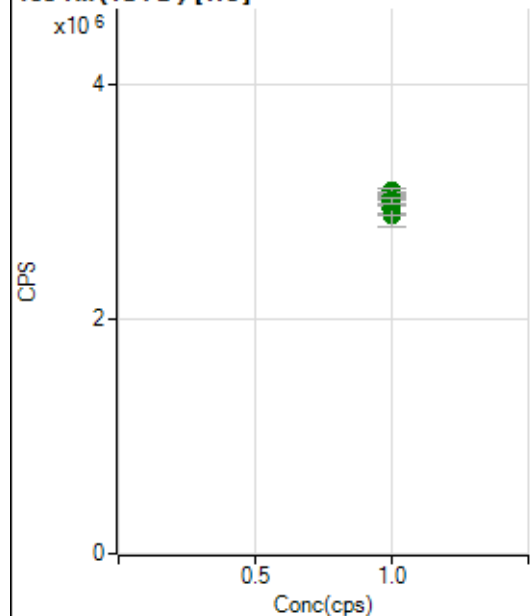
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12418866.20 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12285262.32 |       | A        | 2.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12461624.54 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12498183.70 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12755381.06 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12779695.36 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12663693.56 |       | A        | 1.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 12838147.31 |       | A        | 3.8 |

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

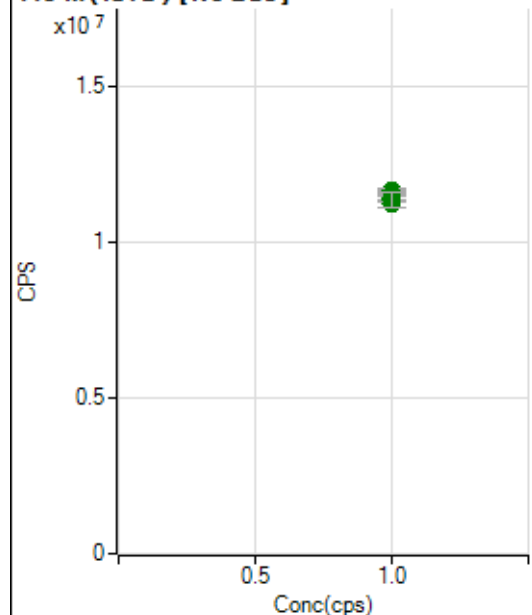
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 406430.95 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 409650.59 |       | P        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 396943.84 |       | P        | 3.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 390365.57 |       | P        | 6.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 416518.59 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 405215.43 |       | P        | 4.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 411244.71 |       | P        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 434081.22 |       | P        | 1.7 |

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

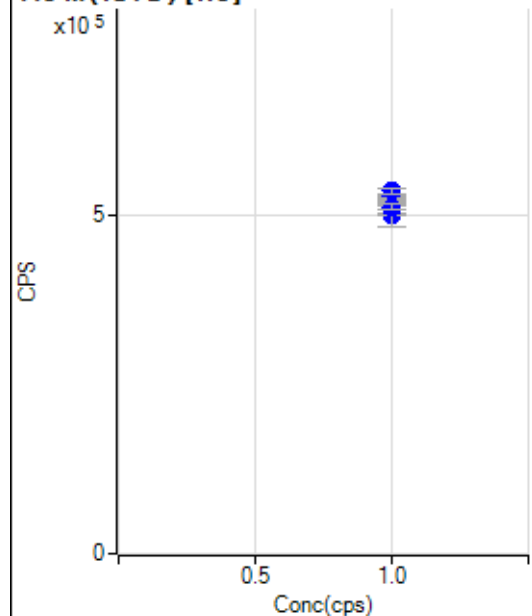
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10986839.48 |       | A        | 3.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10921707.88 |       | A        | 2.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10992015.09 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10902188.18 |       | A        | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11009284.45 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11079629.85 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10745600.50 |       | A        | 2.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10502767.25 |       | A        | 4.5 |

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

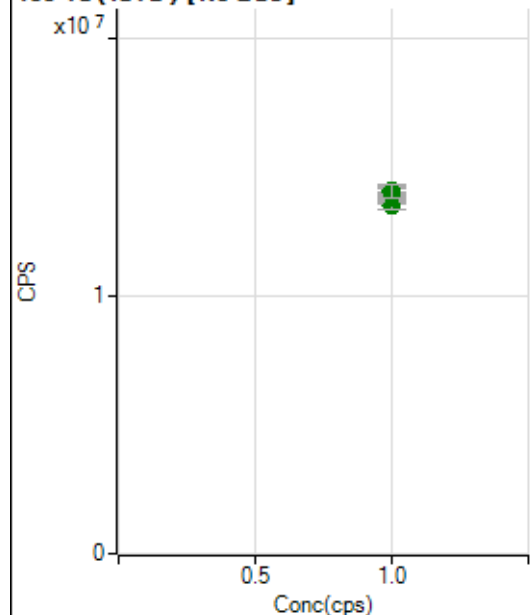
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3052101.14 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3041350.54 |       | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2933681.97 |       | A        | 2.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2872332.28 |       | A        | 6.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3087634.02 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2950562.07 |       | A        | 4.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3000843.18 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3004499.54 |       | A        | 2.0 |

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

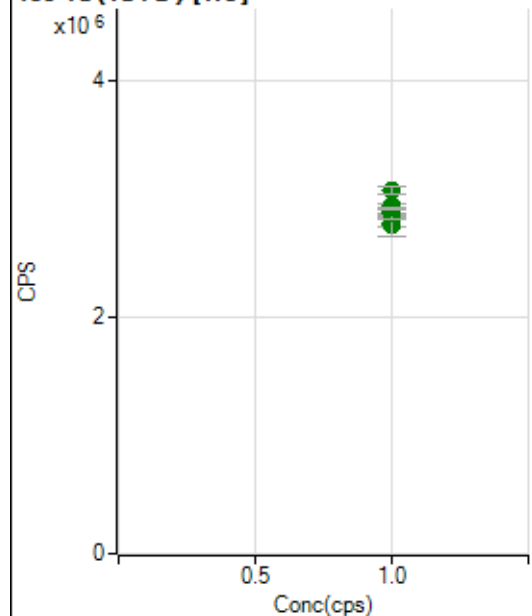
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11526260.64 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11234120.03 |       | A        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11388702.04 |       | A        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11456179.75 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11640762.96 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11514599.41 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11386865.94 |       | A        | 1.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11368304.34 |       | A        | 4.5 |

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

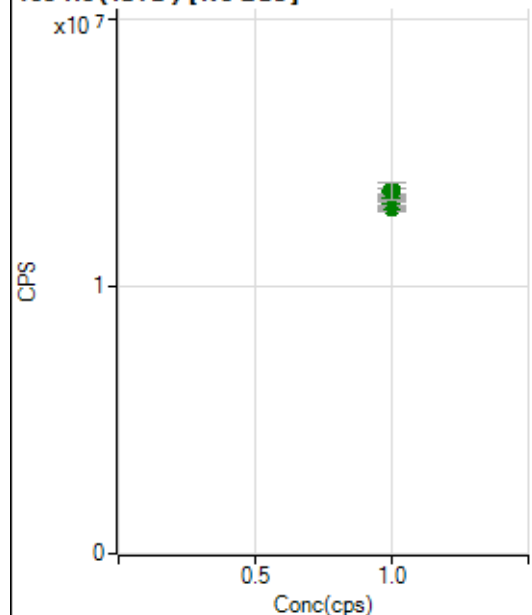
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 526086.01 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 525705.95 |       | P        | 2.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 510515.44 |       | P        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 500432.54 |       | P        | 6.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 529961.58 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 511595.66 |       | P        | 4.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 514049.15 |       | P        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 537447.46 |       | P        | 1.4 |

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

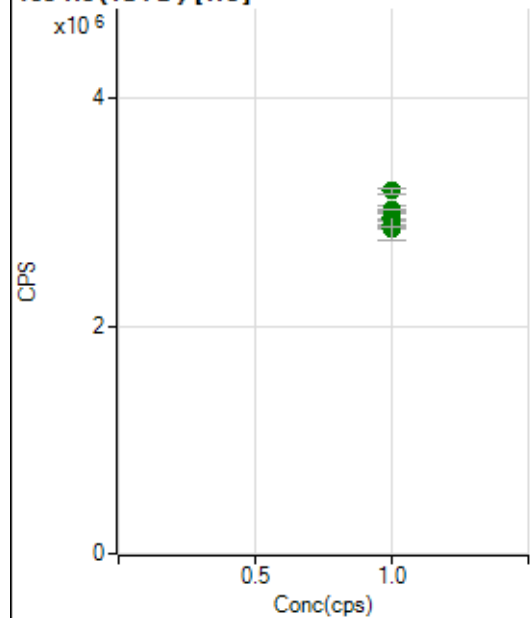
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13723369.94 |       | A        | 2.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 13458841.61 |       | A        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13774656.05 |       | A        | 2.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13822708.54 |       | A        | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13933617.29 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14056164.51 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14028452.71 |       | A        | 2.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 14038212.71 |       | A        | 4.1 |

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

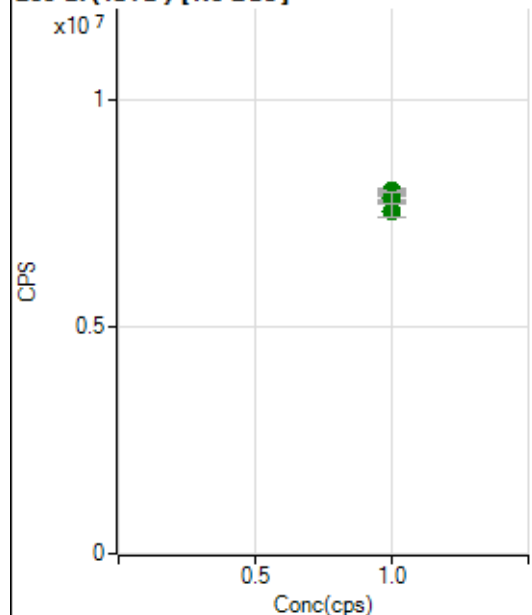
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2882660.83 |       | A        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2894609.89 |       | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2795390.30 |       | A        | 2.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2769362.62 |       | A        | 6.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2946954.02 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2875252.81 |       | A        | 3.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2920270.03 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3063840.65 |       | A        | 2.2 |

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

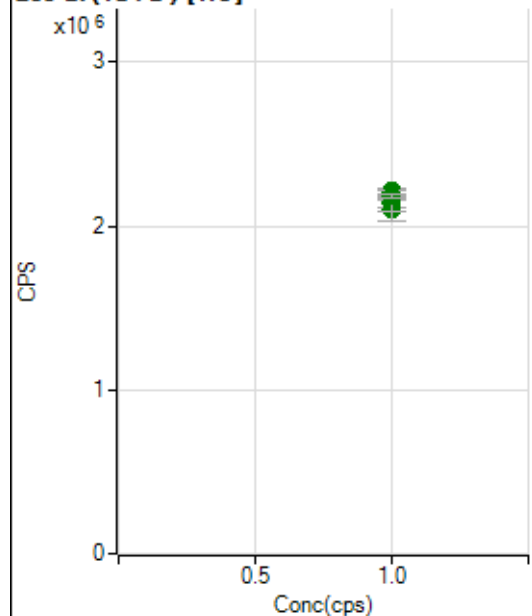
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13136696.56 |       | A        | 3.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12933533.79 |       | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13121984.32 |       | A        | 2.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13160832.67 |       | A        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13295723.39 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 13428734.16 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 13524541.45 |       | A        | 2.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 13579797.35 |       | A        | 5.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2922781.45 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2961972.87 |       | A        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2892748.95 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2853587.29 |       | A        | 6.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3028744.05 |       | A        | 1.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2943346.94 |       | A        | 4.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3027324.88 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3189798.56 |       | A        | 1.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8009967.31 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7843645.79 |       | A        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7963982.80 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7864682.80 |       | A        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7908131.20 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7990190.85 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7860493.42 |       | A        | 3.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7574690.44 |       | A        | 3.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2209888.48 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2213353.63 |       | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2141365.54 |       | A        | 2.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2095083.34 |       | A        | 6.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2208124.10 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2136862.90 |       | A        | 4.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2185574.67 |       | A        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2182549.99 |       | A        | 1.3 |

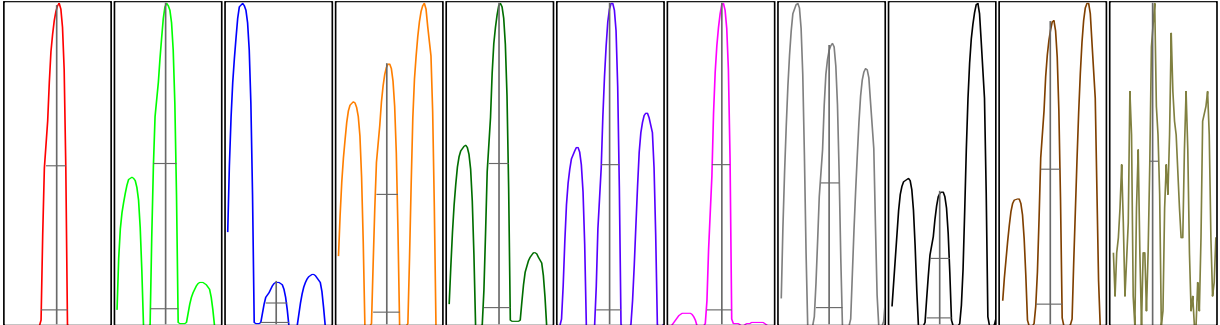
US EPA Tune Check Sample Report

Batch Folder D:\P8052518-MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 7814            | 0.63             | 5.00               |                |
| 24       | 119040          | 1.03             | 5.00               |                |
| 25       | 16031           | 0.87             | 5.00               |                |
| 26       | 18581           | 1.11             | 5.00               |                |
| 59       | 84445           | 0.96             | 5.00               |                |
| 113      | 13579           | 0.79             | 5.00               |                |
| 115      | 225027          | 1.01             | 5.00               |                |
| 206      | 27515           | 1.41             | 5.00               |                |
| 207      | 24884           | 0.90             | 5.00               |                |
| 208      | 59391           | 1.03             | 5.00               |                |
| 220      | 1               | 26.49            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 7860                 | 7762                 | 7873                 | 7782                 | 7796                 |
| 24   | 120601               | 117420               | 119795               | 118398               | 118984               |
| 25   | 16191                | 15826                | 16102                | 15967                | 16069                |
| 26   | 18761                | 18370                | 18720                | 18344                | 18711                |
| 59   | 85368                | 83863                | 84343                | 83495                | 85155                |
| 113  | 13607                | 13486                | 13741                | 13475                | 13587                |
| 115  | 226520               | 224908               | 227386               | 221426               | 224894               |
| 206  | 27894                | 27073                | 27838                | 27138                | 27632                |
| 207  | 25043                | 24620                | 25153                | 24698                | 24905                |
| 208  | 60104                | 58618                | 59919                | 59110                | 59201                |
| 220  | 1                    | 1                    | 1                    | 1                    | 2                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 13802          | 9.00             | 8.9 - 9.1          |                | 0.739                | 0.900                  |                        |
| 24   | 199637         | 23.95            | 23.9 - 24.1        |                | 0.785                | 0.900                  |                        |
| 25   | 27091          | 24.95            | 24.9 - 25.1        |                | 0.786                | 0.900                  |                        |
| 26   | 31742          | 25.95            | 25.9 - 26.1        |                | 0.782                | 0.900                  |                        |
| 59   | 150506         | 59.00            | 58.9 - 59.1        |                | 0.769                | 0.900                  |                        |
| 113  | 26300          | 113.00           | 112.9 - 113.1      |                | 0.724                | 0.900                  |                        |
| 115  | 432583         | 115.05           | 114.9 - 115.1      |                | 0.716                | 0.900                  |                        |
| 206  | 51163          | 205.95           | 205.9 - 206.1      |                | 0.773                | 0.900                  |                        |
| 207  | 46903          | 206.95           | 206.9 - 207.1      |                | 0.737                | 0.900                  |                        |
| 208  | 112174         | 207.95           | 207.9 - 208.1      |                | 0.741                | 0.900                  |                        |
| 220  | 2              | 219.70           | -                  |                |                      |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 7.9   | V    | Deflect       | 14.4  | V    |
| Extract 2     | -240.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -105   | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination | 5.0   | V    |
| He Flow       | 0.0   | mL/min | OctP RF       | 200   | V    |                       |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 11276           | 0.43             |                    |
| 89   | 12926           | 0.24             |                    |
| 205  | 9688            | 0.56             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 11317                | 11274                | 11332                | 11229                | 11229                |
| 89   | 12976                | 12909                | 12933                | 12905                | 12906                |
| 205  | 9766                 | 9711                 | 9687                 | 9649                 | 9628                 |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 7.9   | V    | Deflect       | 2.4   | V    |
| Extract 2     | -240.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -105   | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|------|
| Use Gas       | Yes   |        | OctP Bias     | -18.0 | V    | Energy Discrimination | 5.0   | V    |
| He Flow       | 5.0   | mL/min | OctP RF       | 180   | V    |                       |       |      |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 15:57:22 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.22   | -0.05   | 1.27    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.03   | 0.04    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.08   | 0.17    | -0.09   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.07   | -0.09   | 0.16    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.04    | -0.11   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.95    | 0.63    | -1.58   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.00    | -0.03   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 4.79    | -3.87   | -0.92   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 1.22    | 0.91    | -2.13   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | -0.04   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | -0.01   | 0.07    | -0.05   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 1.54    | -1.18   | -0.36   | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.67   | -0.52   | 1.19    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 15:57:22 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.03   | 0.04    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | -0.05   | 0.02    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 17.44   | 16.87   | -16.99  | 5.78       | 341.36  | ppb   |
| Potassium  | 39-2  | 3.09    | -1.15   | -1.95   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 1.51    | 1.51    | -3.02   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.49    | 0.49    | -0.98   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.01   | -0.33   | 0.34    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -1.13   | 4.81    | -3.68   | 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  | -1.66   | -0.61   | 2.27    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.01   | -0.05   | 0.06    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -310.83 | 361.85  | -491.05 | -146.68    |         | 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 | 0.02    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.04    | 0.01    | -0.05   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.06    | -0.04   | -0.02   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 15:57:22 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Zirconium | 91-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:05:02 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.83   | 13.22   | 17.40   | 17.48      | 24.65   | ppb   |
| Antimony   | 121-1 | 1.88    | 1.91    | 1.90    | 1.90       | 0.90    | ppb   |
| Arsenic    | 75-2  | 0.96    | 0.77    | 0.94    | 0.89       | 11.64   | ppb   |
| Barium     | 135-1 | 9.81    | 9.66    | 9.09    | 9.52       | 4.02    | ppb   |
| Barium     | 137-1 | 9.32    | 9.96    | 9.26    | 9.51       | 4.10    | ppb   |
| Beryllium  | 9-1   | 1.05    | 1.01    | 0.96    | 1.00       | 4.46    | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 22.07   | 27.03   | 23.07   | 24.06      | 10.90   | ppb   |
| Boron      | 11-1  | 20.64   | 23.19   | 22.11   | 21.98      | 5.82    | ppb   |
| Cadmium    | 111-1 | 1.02    | 0.89    | 0.85    | 0.92       | 9.66    | ppb   |
| Cadmium    | 106-1 | 2.22    | 0.09    | -0.50   | 0.60       | 238.33  | ppb   |
| Cadmium    | 108-1 | 1.22    | 1.34    | 0.67    | 1.08       | 33.14   | ppb   |
| Calcium    | 43-1  | 427.67  | 447.29  | 442.22  | 439.06     | 2.32    | ppb   |
| Calcium    | 44-1  | 443.02  | 454.38  | 436.78  | 444.73     | 2.01    | ppb   |
| Chromium   | 52-2  | 2.12    | 2.04    | 2.00    | 2.05       | 2.97    | ppb   |
| Cobalt     | 59-2  | 0.96    | 0.90    | 0.95    | 0.94       | 3.21    | ppb   |
| Copper     | 63-2  | 1.82    | 1.98    | 2.00    | 1.93       | 5.05    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 48.50   | 48.20   | 48.58   | 48.43      | 0.41    | ppb   |
| Iron       | 57-2  | 48.84   | 48.14   | 47.24   | 48.07      | 1.66    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.90    | 1.00    | 0.92    | 0.94       | 5.80    | ppb   |
| Lead       | 207-1 | 0.92    | 0.99    | 0.91    | 0.94       | 4.59    | ppb   |
| Lead       | 208-1 | 0.92    | 0.97    | 0.90    | 0.93       | 3.96    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 496.91  | 508.08  | 503.29  | 502.76     | 1.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:05:02 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Manganese  | 55-2  | 1.13    | 1.02    | 0.99    | 1.05       | 6.89     | ppb   |
| Molybdenum | 94-1  | 4.55    | 4.82    | 4.61    | 4.66       | 2.99     | ppb   |
| Molybdenum | 95-1  | 4.62    | 4.90    | 4.41    | 4.64       | 5.33     | ppb   |
| Molybdenum | 96-1  | 4.80    | 4.77    | 4.52    | 4.70       | 3.29     | ppb   |
| Molybdenum | 97-1  | 4.48    | 4.81    | 4.51    | 4.60       | 4.02     | ppb   |
| Molybdenum | 98-1  | 4.70    | 4.95    | 4.45    | 4.70       | 5.23     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 1.06    | 1.04    | 1.01    | 1.03       | 2.17     | ppb   |
| Phosphorus | 31-2  | -0.12   | -0.22   | -16.99  | -5.78      |          | ppb   |
| Potassium  | 39-2  | 511.03  | 467.30  | 514.24  | 497.52     | 5.27     | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |          | %     |
| Rhodium    | 103-2 |         |         |         | 100        |          | %     |
| Scandium   | 45-1  |         |         |         | 99         |          | %     |
| Scandium   | 45-2  |         |         |         | 101        |          | %     |
| Selenium   | 77-2  | 1.47    | -3.02   | 1.61    | 0.02       | 13668.21 | ppb   |
| Selenium   | 78-2  | 1.94    | 4.79    | 5.04    | 3.92       | 43.95    | ppb   |
| Selenium   | 82-1  | 5.35    | 5.92    | 4.25    | 5.17       | 16.37    | ppb   |
| Silicon    | 28-1  | 20.49   | 23.94   | 16.58   | 20.34      | 18.10    | ppb   |
| Silver     | 109-1 | 0.98    | 1.00    | 0.95    | 0.98       | 2.32     | ppb   |
| Silver     | 107-1 | 0.94    | 1.01    | 0.96    | 0.97       | 3.43     | ppb   |
| Sodium     | 23-2  | 497.38  | 484.47  | 510.14  | 497.33     | 2.58     | ppb   |
| Strontium  | 86-1  | 0.94    | 0.88    | 0.87    | 0.90       | 4.22     | ppb   |
| Strontium  | 88-1  | 0.99    | 0.98    | 0.89    | 0.95       | 5.37     | ppb   |
| Sulfur     | 34-1  | 10.11   | 602.35  | -172.43 | 146.68     | 276.15   | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |          | %     |
| Terbium    | 159-2 |         |         |         | 100        |          | %     |
| Thallium   | 203-1 | 0.93    | 0.99    | 0.88    | 0.93       | 6.02     | ppb   |
| Thallium   | 205-1 | 0.97    | 0.97    | 0.98    | 0.97       | 0.43     | ppb   |
| Tin        | 118-1 | 4.61    | 4.68    | 4.68    | 4.66       | 0.94     | ppb   |
| Titanium   | 47-1  | 4.87    | 5.00    | 4.31    | 4.73       | 7.70     | ppb   |
| Uranium    | 238-1 | 0.91    | 0.95    | 0.91    | 0.92       | 2.43     | ppb   |
| Vanadium   | 51-2  | 4.51    | 4.25    | 4.73    | 4.50       | 5.37     | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |          | %     |
| Yttrium    | 89-2  |         |         |         | 101        |          | %     |
| Zinc       | 66-2  | 1.86    | 2.29    | 2.07    | 2.07       | 10.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:05:02 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.96    | 0.97    | 0.87    | 0.93       | 5.80    | ppb   |
| Zirconium | 91-1 | 0.90    | 1.00    | 0.96    | 0.95       | 5.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:08:44 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1122.38 | 1053.77 | 1062.74 | 1079.63    | 3.45    | ppb   |
| Antimony   | 121-1 | 50.04   | 48.02   | 49.66   | 49.24      | 2.17    | ppb   |
| Arsenic    | 75-2  | 53.47   | 50.10   | 50.54   | 51.37      | 3.56    | ppb   |
| Barium     | 135-1 | 253.46  | 242.80  | 249.46  | 248.57     | 2.17    | ppb   |
| Barium     | 137-1 | 254.61  | 243.81  | 249.89  | 249.44     | 2.17    | ppb   |
| Beryllium  | 9-1   | 51.05   | 49.63   | 50.19   | 50.29      | 1.42    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 49.51   | 48.60   | 49.52   | 49.21      | 1.07    | ppb   |
| Boron      | 11-1  | 48.23   | 47.50   | 49.49   | 48.41      | 2.08    | ppb   |
| Cadmium    | 111-1 | 50.24   | 48.38   | 49.99   | 49.54      | 2.03    | ppb   |
| Cadmium    | 106-1 | 48.82   | 46.79   | 51.23   | 48.95      | 4.54    | ppb   |
| Cadmium    | 108-1 | 50.60   | 49.59   | 49.17   | 49.78      | 1.48    | ppb   |
| Calcium    | 43-1  | 4978.40 | 4840.35 | 4952.80 | 4923.85    | 1.49    | ppb   |
| Calcium    | 44-1  | 5025.23 | 4894.44 | 4920.47 | 4946.71    | 1.40    | ppb   |
| Chromium   | 52-2  | 53.20   | 50.65   | 50.89   | 51.58      | 2.73    | ppb   |
| Cobalt     | 59-2  | 54.23   | 51.23   | 51.88   | 52.45      | 3.01    | ppb   |
| Copper     | 63-2  | 109.30  | 102.47  | 105.46  | 105.75     | 3.24    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 2855.36 | 2659.02 | 2699.02 | 2737.80    | 3.79    | ppb   |
| Iron       | 57-2  | 2791.33 | 2591.58 | 2639.49 | 2674.13    | 3.90    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 48.48   | 47.38   | 47.94   | 47.93      | 1.14    | ppb   |
| Lead       | 207-1 | 47.42   | 46.95   | 47.41   | 47.26      | 0.57    | ppb   |
| Lead       | 208-1 | 48.47   | 47.34   | 47.97   | 47.93      | 1.18    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 5641.20 | 5333.70 | 5446.64 | 5473.85    | 2.84    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:08:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 109.18  | 102.11  | 103.86  | 105.05     | 3.50    | ppb   |
| Molybdenum | 94-1  | 253.59  | 243.56  | 246.07  | 247.74     | 2.11    | ppb   |
| Molybdenum | 95-1  | 252.18  | 241.49  | 247.82  | 247.16     | 2.18    | ppb   |
| Molybdenum | 96-1  | 254.07  | 240.10  | 246.31  | 246.82     | 2.83    | ppb   |
| Molybdenum | 97-1  | 248.99  | 238.28  | 244.10  | 243.79     | 2.20    | ppb   |
| Molybdenum | 98-1  | 252.01  | 243.29  | 245.92  | 247.07     | 1.81    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 55.10   | 52.46   | 52.67   | 53.41      | 2.74    | ppb   |
| Phosphorus | 31-2  | 1352.72 | 805.81  | 832.05  | 996.86     | 30.94   | ppb   |
| Potassium  | 39-2  | 2729.22 | 2657.96 | 2596.03 | 2661.07    | 2.50    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 93.86   | 47.14   | 47.68   | 62.89      | 42.64   | ppb   |
| Selenium   | 78-2  | 54.10   | 50.87   | 39.45   | 48.14      | 15.99   | ppb   |
| Selenium   | 82-1  | 51.51   | 49.62   | 49.59   | 50.24      | 2.19    | ppb   |
| Silicon    | 28-1  | 74.73   | 70.13   | 71.06   | 71.97      | 3.38    | ppb   |
| Silver     | 109-1 | 52.02   | 49.01   | 50.68   | 50.57      | 2.98    | ppb   |
| Silver     | 107-1 | 51.71   | 50.03   | 51.28   | 51.01      | 1.72    | ppb   |
| Sodium     | 23-2  | 5651.47 | 5334.51 | 5436.90 | 5474.29    | 2.95    | ppb   |
| Strontium  | 86-1  | 50.61   | 48.45   | 48.05   | 49.04      | 2.81    | ppb   |
| Strontium  | 88-1  | 50.74   | 48.99   | 49.51   | 49.75      | 1.81    | ppb   |
| Sulfur     | 34-1  | 1541.67 | 976.49  | 1406.79 | 1308.31    | 22.56   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 48.61   | 47.34   | 47.98   | 47.98      | 1.33    | ppb   |
| Thallium   | 205-1 | 49.58   | 48.35   | 48.87   | 48.93      | 1.27    | ppb   |
| Tin        | 118-1 | 50.83   | 48.72   | 49.96   | 49.84      | 2.12    | ppb   |
| Titanium   | 47-1  | 251.89  | 243.34  | 248.57  | 247.94     | 1.74    | ppb   |
| Uranium    | 238-1 | 48.81   | 47.15   | 48.39   | 48.12      | 1.79    | ppb   |
| Vanadium   | 51-2  | 52.83   | 49.33   | 49.97   | 50.71      | 3.67    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 113.03  | 103.56  | 106.22  | 107.60     | 4.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:08:44 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 50.12   | 48.75   | 49.26   | 49.38      | 1.40    | ppb   |
| Zirconium | 91-1 | 50.05   | 47.67   | 47.85   | 48.53      | 2.74    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:12:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2943.88  | 2602.98  | 2466.06  | 2670.98    | 9.21    | ppb   |
| Antimony   | 121-1 | 125.21   | 126.16   | 121.66   | 124.35     | 1.91    | ppb   |
| Arsenic    | 75-2  | 140.72   | 132.35   | 121.97   | 131.68     | 7.13    | ppb   |
| Barium     | 135-1 | 636.41   | 632.64   | 605.06   | 624.71     | 2.74    | ppb   |
| Barium     | 137-1 | 646.28   | 640.02   | 612.50   | 632.93     | 2.84    | ppb   |
| Beryllium  | 9-1   | 125.85   | 128.62   | 122.91   | 125.80     | 2.27    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 125.07   | 126.62   | 120.37   | 124.02     | 2.62    | ppb   |
| Boron      | 11-1  | 120.46   | 124.24   | 122.17   | 122.29     | 1.55    | ppb   |
| Cadmium    | 111-1 | 126.26   | 127.75   | 122.92   | 125.64     | 1.97    | ppb   |
| Cadmium    | 106-1 | 130.08   | 128.78   | 120.76   | 126.54     | 3.99    | ppb   |
| Cadmium    | 108-1 | 127.91   | 126.15   | 121.46   | 125.17     | 2.67    | ppb   |
| Calcium    | 43-1  | 12567.92 | 12439.25 | 12176.23 | 12394.47   | 1.61    | ppb   |
| Calcium    | 44-1  | 12394.94 | 12290.97 | 11931.88 | 12205.93   | 1.99    | ppb   |
| Chromium   | 52-2  | 146.46   | 130.90   | 123.70   | 133.69     | 8.70    | ppb   |
| Cobalt     | 59-2  | 145.22   | 131.67   | 124.68   | 133.86     | 7.80    | ppb   |
| Copper     | 63-2  | 294.51   | 264.54   | 252.21   | 270.42     | 8.04    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 7545.33  | 6747.95  | 6507.08  | 6933.45    | 7.84    | ppb   |
| Iron       | 57-2  | 7512.30  | 6710.09  | 6317.86  | 6846.75    | 8.89    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 121.60   | 123.90   | 118.98   | 121.49     | 2.02    | ppb   |
| Lead       | 207-1 | 119.63   | 121.01   | 117.83   | 119.49     | 1.33    | ppb   |
| Lead       | 208-1 | 121.76   | 122.67   | 119.36   | 121.26     | 1.41    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 15311.15 | 13799.03 | 13025.30 | 14045.16   | 8.28    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:12:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 291.37   | 263.52   | 251.05   | 268.65     | 7.69    | ppb   |
| Molybdenum | 94-1  | 642.41   | 635.14   | 609.45   | 629.00     | 2.75    | ppb   |
| Molybdenum | 95-1  | 633.24   | 638.62   | 611.67   | 627.84     | 2.27    | ppb   |
| Molybdenum | 96-1  | 633.99   | 625.25   | 612.35   | 623.86     | 1.75    | ppb   |
| Molybdenum | 97-1  | 618.35   | 619.27   | 599.01   | 612.21     | 1.87    | ppb   |
| Molybdenum | 98-1  | 628.88   | 623.27   | 608.57   | 620.24     | 1.69    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 148.26   | 131.71   | 126.49   | 135.49     | 8.39    | ppb   |
| Phosphorus | 31-2  | 2707.45  | 3006.37  | 2620.90  | 2778.24    | 7.28    | ppb   |
| Potassium  | 39-2  | 7575.44  | 6737.03  | 6386.96  | 6899.81    | 8.85    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 135.33   | 128.21   | 108.81   | 124.12     | 11.06   | ppb   |
| Selenium   | 78-2  | 133.05   | 139.12   | 116.01   | 129.39     | 9.26    | ppb   |
| Selenium   | 82-1  | 127.11   | 128.90   | 124.19   | 126.73     | 1.87    | ppb   |
| Silicon    | 28-1  | 173.26   | 170.95   | 165.02   | 169.75     | 2.50    | ppb   |
| Silver     | 109-1 | 127.59   | 128.39   | 125.16   | 127.05     | 1.32    | ppb   |
| Silver     | 107-1 | 128.91   | 126.82   | 123.70   | 126.47     | 2.07    | ppb   |
| Sodium     | 23-2  | 15349.10 | 13729.66 | 13040.51 | 14039.76   | 8.44    | ppb   |
| Strontium  | 86-1  | 124.78   | 123.73   | 122.45   | 123.65     | 0.95    | ppb   |
| Strontium  | 88-1  | 126.91   | 126.54   | 122.85   | 125.44     | 1.79    | ppb   |
| Sulfur     | 34-1  | 3406.41  | 3456.56  | 3100.95  | 3321.30    | 5.80    | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 119.83   | 123.32   | 119.80   | 120.98     | 1.67    | ppb   |
| Thallium   | 205-1 | 121.64   | 125.42   | 121.45   | 122.84     | 1.82    | ppb   |
| Tin        | 118-1 | 127.68   | 124.21   | 122.60   | 124.83     | 2.08    | ppb   |
| Titanium   | 47-1  | 623.97   | 630.39   | 615.19   | 623.18     | 1.22    | ppb   |
| Uranium    | 238-1 | 126.51   | 123.55   | 121.51   | 123.86     | 2.03    | ppb   |
| Vanadium   | 51-2  | 145.42   | 130.77   | 122.92   | 133.04     | 8.58    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 299.97   | 265.34   | 252.10   | 272.47     | 9.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:12:26 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 128.40  | 124.73  | 121.27  | 124.80     | 2.86    | ppb   |
| Zirconium | 91-1 | 125.04  | 122.69  | 120.09  | 122.61     | 2.02    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:16:01 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5161.91  | 5059.81  | 5151.79  | 5124.50    | 1.10    | ppb   |
| Antimony   | 121-1 | 255.54   | 252.31   | 251.30   | 253.05     | 0.88    | ppb   |
| Arsenic    | 75-2  | 250.84   | 245.71   | 246.52   | 247.69     | 1.11    | ppb   |
| Barium     | 135-1 | 1269.17  | 1257.91  | 1257.59  | 1261.56    | 0.52    | ppb   |
| Barium     | 137-1 | 1259.24  | 1239.40  | 1249.36  | 1249.33    | 0.79    | ppb   |
| Beryllium  | 9-1   | 247.88   | 243.51   | 246.50   | 245.96     | 0.91    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 243.50   | 245.07   | 252.08   | 246.88     | 1.85    | ppb   |
| Boron      | 11-1  | 239.42   | 241.47   | 247.99   | 242.96     | 1.84    | ppb   |
| Cadmium    | 111-1 | 252.77   | 246.15   | 246.83   | 248.58     | 1.46    | ppb   |
| Cadmium    | 106-1 | 248.56   | 244.81   | 249.45   | 247.61     | 1.00    | ppb   |
| Cadmium    | 108-1 | 252.47   | 249.57   | 245.86   | 249.30     | 1.33    | ppb   |
| Calcium    | 43-1  | 24433.93 | 23952.85 | 24674.76 | 24353.85   | 1.51    | ppb   |
| Calcium    | 44-1  | 24172.35 | 23894.37 | 24081.02 | 24049.25   | 0.59    | ppb   |
| Chromium   | 52-2  | 253.99   | 244.92   | 245.64   | 248.18     | 2.03    | ppb   |
| Cobalt     | 59-2  | 256.14   | 247.58   | 245.77   | 249.83     | 2.22    | ppb   |
| Copper     | 63-2  | 521.07   | 497.46   | 496.78   | 505.11     | 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 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 13223.85 | 12675.67 | 12623.00 | 12840.84   | 2.59    | ppb   |
| Iron       | 57-2  | 13230.51 | 12692.09 | 12719.31 | 12880.63   | 2.35    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 243.34   | 243.23   | 240.90   | 242.49     | 0.57    | ppb   |
| Lead       | 207-1 | 241.51   | 241.21   | 238.45   | 240.39     | 0.70    | ppb   |
| Lead       | 208-1 | 246.82   | 244.43   | 243.28   | 244.84     | 0.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 27198.51 | 25586.12 | 25867.01 | 26217.21   | 3.29    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:16:01 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 521.30   | 497.18   | 499.56   | 506.02     | 2.63    | ppb   |
| Molybdenum | 94-1  | 1267.96  | 1245.02  | 1235.15  | 1249.38    | 1.35    | ppb   |
| Molybdenum | 95-1  | 1255.71  | 1240.51  | 1229.81  | 1242.01    | 1.05    | ppb   |
| Molybdenum | 96-1  | 1247.72  | 1232.47  | 1224.32  | 1234.84    | 0.96    | ppb   |
| Molybdenum | 97-1  | 1268.95  | 1230.42  | 1234.33  | 1244.57    | 1.70    | ppb   |
| Molybdenum | 98-1  | 1240.80  | 1210.29  | 1216.69  | 1222.59    | 1.32    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 259.94   | 247.53   | 250.22   | 252.56     | 2.59    | ppb   |
| Phosphorus | 31-2  | 5520.70  | 5285.47  | 5188.40  | 5331.52    | 3.20    | ppb   |
| Potassium  | 39-2  | 13296.45 | 12676.47 | 12866.68 | 12946.53   | 2.45    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 225.12   | 266.76   | 254.99   | 248.96     | 8.62    | ppb   |
| Selenium   | 78-2  | 237.41   | 249.06   | 228.85   | 238.44     | 4.26    | ppb   |
| Selenium   | 82-1  | 250.68   | 247.37   | 244.25   | 247.43     | 1.30    | ppb   |
| Silicon    | 28-1  | 262.88   | 254.90   | 261.36   | 259.71     | 1.63    | ppb   |
| Silver     | 109-1 | 263.10   | 253.31   | 254.56   | 256.99     | 2.07    | ppb   |
| Silver     | 107-1 | 258.98   | 254.46   | 257.29   | 256.91     | 0.89    | ppb   |
| Sodium     | 23-2  | 27162.54 | 25920.22 | 26337.09 | 26473.28   | 2.39    | ppb   |
| Strontium  | 86-1  | 245.33   | 242.85   | 242.60   | 243.59     | 0.62    | ppb   |
| Strontium  | 88-1  | 248.75   | 246.82   | 245.40   | 246.99     | 0.68    | ppb   |
| Sulfur     | 34-1  | 5837.49  | 5427.85  | 5854.69  | 5706.68    | 4.23    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 243.41   | 243.46   | 243.12   | 243.33     | 0.08    | ppb   |
| Thallium   | 205-1 | 248.49   | 249.66   | 248.85   | 249.00     | 0.24    | ppb   |
| Tin        | 118-1 | 252.40   | 247.09   | 250.56   | 250.01     | 1.08    | ppb   |
| Titanium   | 47-1  | 1266.65  | 1260.02  | 1246.85  | 1257.84    | 0.80    | ppb   |
| Uranium    | 238-1 | 245.69   | 244.82   | 243.77   | 244.76     | 0.39    | ppb   |
| Vanadium   | 51-2  | 255.61   | 242.82   | 245.61   | 248.01     | 2.71    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 525.41   | 506.64   | 508.08   | 513.37     | 2.03    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:16:01 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 250.11  | 249.73  | 245.84  | 248.56     | 0.95    | ppb   |
| Zirconium | 91-1 | 247.65  | 243.80  | 244.97  | 245.47     | 0.80    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:19:31 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9921.35  | 10268.07 | 10644.10 | 10277.84   | 3.52    | ppb   |
| Antimony   | 121-1 | 497.26   | 495.12   | 501.27   | 497.88     | 0.63    | ppb   |
| Arsenic    | 75-2  | 497.27   | 508.63   | 527.68   | 511.19     | 3.01    | ppb   |
| Barium     | 135-1 | 2488.49  | 2485.64  | 2518.83  | 2497.65    | 0.74    | ppb   |
| Barium     | 137-1 | 2475.96  | 2468.12  | 2500.89  | 2481.65    | 0.69    | ppb   |
| Beryllium  | 9-1   | 496.23   | 490.33   | 487.10   | 491.22     | 0.94    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 493.04   | 492.77   | 499.93   | 495.24     | 0.82    | ppb   |
| Boron      | 11-1  | 486.36   | 492.63   | 492.57   | 490.52     | 0.73    | ppb   |
| Cadmium    | 111-1 | 489.67   | 496.70   | 501.45   | 495.94     | 1.19    | ppb   |
| Cadmium    | 106-1 | 490.64   | 498.37   | 501.05   | 496.69     | 1.09    | ppb   |
| Cadmium    | 108-1 | 493.56   | 496.52   | 499.45   | 496.51     | 0.59    | ppb   |
| Calcium    | 43-1  | 49553.09 | 48584.32 | 49420.49 | 49185.97   | 1.07    | ppb   |
| Calcium    | 44-1  | 48754.37 | 48342.14 | 48286.97 | 48461.16   | 0.53    | ppb   |
| Chromium   | 52-2  | 493.38   | 511.59   | 530.37   | 511.78     | 3.61    | ppb   |
| Cobalt     | 59-2  | 491.12   | 512.52   | 531.32   | 511.66     | 3.93    | ppb   |
| Copper     | 63-2  | 997.86   | 1028.18  | 1076.40  | 1034.15    | 3.83    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 25544.37 | 26286.58 | 27353.42 | 26394.79   | 3.45    | ppb   |
| Iron       | 57-2  | 25481.15 | 26139.44 | 27422.37 | 26347.66   | 3.75    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 493.38   | 495.35   | 490.86   | 493.20     | 0.46    | ppb   |
| Lead       | 207-1 | 487.72   | 495.26   | 486.38   | 489.79     | 0.98    | ppb   |
| Lead       | 208-1 | 492.01   | 497.47   | 485.88   | 491.78     | 1.18    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 51837.72 | 53943.55 | 56690.58 | 54157.28   | 4.49    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:19:31 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 991.63   | 1021.60  | 1071.08  | 1028.10    | 3.90    | ppb   |
| Molybdenum | 94-1  | 2527.83  | 2446.97  | 2462.64  | 2479.14    | 1.73    | ppb   |
| Molybdenum | 95-1  | 2484.51  | 2457.48  | 2456.03  | 2466.01    | 0.65    | ppb   |
| Molybdenum | 96-1  | 2477.46  | 2494.25  | 2444.37  | 2472.03    | 1.03    | ppb   |
| Molybdenum | 97-1  | 2492.49  | 2457.24  | 2485.73  | 2478.49    | 0.75    | ppb   |
| Molybdenum | 98-1  | 2458.47  | 2471.93  | 2470.55  | 2466.98    | 0.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 495.81   | 509.38   | 537.97   | 514.38     | 4.18    | ppb   |
| Phosphorus | 31-2  | 9951.15  | 10027.52 | 10449.13 | 10142.60   | 2.64    | ppb   |
| Potassium  | 39-2  | 25419.36 | 26116.49 | 27363.25 | 26299.70   | 3.74    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 485.83   | 565.95   | 474.57   | 508.78     | 9.79    | ppb   |
| Selenium   | 78-2  | 459.10   | 477.49   | 519.68   | 485.42     | 6.40    | ppb   |
| Selenium   | 82-1  | 495.54   | 493.62   | 497.19   | 495.45     | 0.36    | ppb   |
| Silicon    | 28-1  | 505.90   | 501.89   | 510.14   | 505.98     | 0.82    | ppb   |
| Silver     | 109-1 | 495.61   | 504.45   | 507.42   | 502.49     | 1.22    | ppb   |
| Silver     | 107-1 | 498.07   | 512.36   | 507.39   | 505.94     | 1.43    | ppb   |
| Sodium     | 23-2  | 51733.81 | 52842.30 | 56047.11 | 53541.07   | 4.18    | ppb   |
| Strontium  | 86-1  | 491.16   | 489.46   | 488.47   | 489.70     | 0.28    | ppb   |
| Strontium  | 88-1  | 492.84   | 489.94   | 488.07   | 490.28     | 0.49    | ppb   |
| Sulfur     | 34-1  | 12278.20 | 11531.31 | 11868.13 | 11892.55   | 3.15    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 498.78   | 498.89   | 486.83   | 494.84     | 1.40    | ppb   |
| Thallium   | 205-1 | 490.41   | 489.67   | 481.69   | 487.26     | 0.99    | ppb   |
| Tin        | 118-1 | 496.98   | 499.49   | 499.75   | 498.74     | 0.31    | ppb   |
| Titanium   | 47-1  | 2557.52  | 2488.41  | 2486.26  | 2510.73    | 1.61    | ppb   |
| Uranium    | 238-1 | 488.59   | 490.87   | 483.43   | 487.63     | 0.78    | ppb   |
| Vanadium   | 51-2  | 494.55   | 508.75   | 532.08   | 511.80     | 3.70    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 1000.03  | 1025.62  | 1076.96  | 1034.20    | 3.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:19:31 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 492.01  | 494.15  | 487.31  | 491.16     | 0.71    | ppb   |
| Zirconium | 91-1 | 494.69  | 499.10  | 492.89  | 495.56     | 0.64    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:22:56 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19979.39  | 19750.94  | 19675.37  | 19801.90   | 0.80    | ppb   |
| Antimony   | 121-1 | 986.45    | 1031.78   | 983.02    | 1000.42    | 2.72    | ppb   |
| Arsenic    | 75-2  | 983.41    | 1003.44   | 995.39    | 994.08     | 1.01    | ppb   |
| Barium     | 135-1 | 4946.49   | 5160.01   | 4888.69   | 4998.39    | 2.86    | ppb   |
| Barium     | 137-1 | 4957.98   | 5161.22   | 4905.93   | 5008.38    | 2.69    | ppb   |
| Beryllium  | 9-1   | 988.33    | 1031.78   | 995.75    | 1005.28    | 2.31    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 968.59    | 1032.05   | 1009.39   | 1003.34    | 3.21    | ppb   |
| Boron      | 11-1  | 972.44    | 1034.15   | 1014.39   | 1006.99    | 3.13    | ppb   |
| Cadmium    | 111-1 | 978.76    | 1033.77   | 994.45    | 1002.33    | 2.83    | ppb   |
| Cadmium    | 106-1 | 1001.65   | 1016.53   | 988.17    | 1002.11    | 1.42    | ppb   |
| Cadmium    | 108-1 | 981.37    | 1036.96   | 987.40    | 1001.91    | 3.04    | ppb   |
| Calcium    | 43-1  | 98909.70  | 102677.76 | 100709.65 | 100765.70  | 1.87    | ppb   |
| Calcium    | 44-1  | 95974.77  | 101726.65 | 97934.73  | 98545.38   | 2.97    | ppb   |
| Chromium   | 52-2  | 993.34    | 992.77    | 994.09    | 993.40     | 0.07    | ppb   |
| Cobalt     | 59-2  | 986.66    | 996.77    | 995.53    | 992.99     | 0.55    | ppb   |
| Copper     | 63-2  | 1981.13   | 1963.14   | 1992.16   | 1978.81    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 51029.31  | 50527.01  | 50871.88  | 50809.40   | 0.51    | ppb   |
| Iron       | 57-2  | 51423.07  | 51132.65  | 50670.41  | 51075.38   | 0.74    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 985.04    | 1040.10   | 992.31    | 1005.82    | 2.97    | ppb   |
| Lead       | 207-1 | 997.36    | 1037.22   | 990.43    | 1008.34    | 2.50    | ppb   |
| Lead       | 208-1 | 991.18    | 1041.36   | 985.36    | 1005.97    | 3.06    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 103174.77 | 102651.49 | 104665.30 | 103497.19  | 1.01    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:22:56 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1990.38   | 1975.11   | 1980.10   | 1981.86    | 0.39    | ppb   |
| Molybdenum | 94-1  | 4935.05   | 5114.84   | 4980.70   | 5010.20    | 1.87    | ppb   |
| Molybdenum | 95-1  | 4981.92   | 5111.85   | 4962.57   | 5018.78    | 1.62    | ppb   |
| Molybdenum | 96-1  | 4930.75   | 5119.87   | 5003.61   | 5018.08    | 1.90    | ppb   |
| Molybdenum | 97-1  | 4938.81   | 5118.21   | 4985.06   | 5014.03    | 1.86    | ppb   |
| Molybdenum | 98-1  | 4992.17   | 5123.19   | 4956.95   | 5024.10    | 1.74    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 993.44    | 988.98    | 989.64    | 990.68     | 0.24    | ppb   |
| Phosphorus | 31-2  | 18969.68  | 20283.75  | 20180.16  | 19811.19   | 3.69    | ppb   |
| Potassium  | 39-2  | 51071.07  | 51216.84  | 51214.27  | 51167.39   | 0.16    | ppb   |
| Rhodium    | 103-1 |           |           |           | 98         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 1039.20   | 950.04    | 996.84    | 995.36     | 4.48    | ppb   |
| Selenium   | 78-2  | 993.32    | 1002.59   | 1033.28   | 1009.73    | 2.07    | ppb   |
| Selenium   | 82-1  | 993.19    | 1019.96   | 994.91    | 1002.69    | 1.49    | ppb   |
| Silicon    | 28-1  | 972.67    | 1014.00   | 976.70    | 987.79     | 2.31    | ppb   |
| Silver     | 109-1 | 970.80    | 1029.87   | 989.50    | 996.72     | 3.03    | ppb   |
| Silver     | 107-1 | 974.93    | 1025.99   | 984.28    | 995.07     | 2.73    | ppb   |
| Sodium     | 23-2  | 102920.95 | 102322.21 | 102917.44 | 102720.20  | 0.34    | ppb   |
| Strontium  | 86-1  | 991.65    | 1023.10   | 1006.16   | 1006.97    | 1.56    | ppb   |
| Strontium  | 88-1  | 988.34    | 1027.47   | 1000.90   | 1005.57    | 1.99    | ppb   |
| Sulfur     | 34-1  | 18413.88  | 19643.50  | 18219.55  | 18758.98   | 4.12    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 981.24    | 1040.04   | 993.28    | 1004.85    | 3.09    | ppb   |
| Thallium   | 205-1 | 989.81    | 1038.97   | 992.05    | 1006.94    | 2.76    | ppb   |
| Tin        | 118-1 | 977.78    | 1031.62   | 992.57    | 1000.66    | 2.78    | ppb   |
| Titanium   | 47-1  | 4954.20   | 5097.71   | 4927.11   | 4993.01    | 1.84    | ppb   |
| Uranium    | 238-1 | 995.71    | 1040.28   | 987.20    | 1007.73    | 2.83    | ppb   |
| Vanadium   | 51-2  | 994.22    | 991.84    | 994.62    | 993.56     | 0.15    | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 1996.09   | 1975.96   | 1957.05   | 1976.37    | 0.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:22:56 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 978.26  | 1035.61 | 1000.64 | 1004.84    | 2.88    | ppb   |
| Zirconium | 91-1 | 983.40  | 1024.85 | 1002.93 | 1003.72    | 2.07    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:26:15 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 98694.13  | 103059.22 | 98248.27  | 100000.54  | 2.66    | ppb   |
| Antimony   | 121-1 | 2.68      | 2.73      | 2.40      | 2.61       | 6.90    | ppb   |
| Arsenic    | 75-2  | 0.44      | 0.56      | 0.32      | 0.44       | 27.21   | ppb   |
| Barium     | 135-1 | 2.19      | 2.33      | 2.00      | 2.17       | 7.63    | ppb   |
| Barium     | 137-1 | 1.94      | 2.18      | 2.10      | 2.07       | 5.85    | ppb   |
| Beryllium  | 9-1   | 0.21      | 0.24      | 0.22      | 0.23       | 7.04    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 46.55     | 45.86     | 38.68     | 43.70      | 9.97    | ppb   |
| Boron      | 11-1  | 45.04     | 43.87     | 38.02     | 42.31      | 8.90    | ppb   |
| Cadmium    | 111-1 | 0.22      | 0.19      | 0.26      | 0.22       | 16.38   | ppb   |
| Cadmium    | 106-1 | 0.06      | -0.17     | 0.91      | 0.27       | 214.89  | ppb   |
| Cadmium    | 108-1 | 0.15      | 0.36      | 0.25      | 0.25       | 41.95   | ppb   |
| Calcium    | 43-1  | 476403.43 | 532489.67 | 490999.00 | 499964.03  | 5.82    | ppb   |
| Calcium    | 44-1  | 479958.14 | 527086.49 | 494456.23 | 500500.28  | 4.82    | ppb   |
| Chromium   | 52-2  | 49.01     | 50.74     | 49.11     | 49.62      | 1.95    | ppb   |
| Cobalt     | 59-2  | 1.64      | 1.71      | 1.66      | 1.67       | 2.05    | ppb   |
| Copper     | 63-2  | 4.11      | 4.31      | 4.19      | 4.21       | 2.37    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 109        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 102        |         | %     |
| Iron       | 56-2  | 246983.38 | 254022.64 | 247980.39 | 249662.13  | 1.53    | ppb   |
| Iron       | 57-2  | 244638.56 | 257892.52 | 246312.33 | 249614.47  | 2.89    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.97      | 2.11      | 1.92      | 2.00       | 4.86    | ppb   |
| Lead       | 207-1 | 1.78      | 1.98      | 1.87      | 1.87       | 5.34    | ppb   |
| Lead       | 208-1 | 1.89      | 2.05      | 1.86      | 1.93       | 5.45    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 494932.87 | 509770.05 | 491638.89 | 498780.60  | 1.94    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:26:15 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 9.87      | 10.49     | 10.10     | 10.15      | 3.07    | ppb   |
| Molybdenum | 94-1  | 6.92      | 7.26      | 6.62      | 6.93       | 4.65    | ppb   |
| Molybdenum | 95-1  | 8.80      | 9.35      | 8.78      | 8.98       | 3.63    | ppb   |
| Molybdenum | 96-1  | 8.95      | 9.69      | 8.94      | 9.19       | 4.71    | ppb   |
| Molybdenum | 97-1  | 9.04      | 9.30      | 9.09      | 9.14       | 1.54    | ppb   |
| Molybdenum | 98-1  | 8.70      | 9.36      | 8.86      | 8.97       | 3.82    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 30.52     | 30.79     | 29.95     | 30.42      | 1.41    | ppb   |
| Phosphorus | 31-2  | -0.79     | 16.49     | -0.85     | 4.95       | 201.97  | ppb   |
| Potassium  | 39-2  | 247388.65 | 255963.78 | 245436.69 | 249596.37  | 2.24    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 105        |         | %     |
| Selenium   | 77-2  | 1.21      | -3.02     | -3.02     | -1.61      |         | ppb   |
| Selenium   | 78-2  | 1.09      | -0.28     | -0.98     | -0.06      |         | ppb   |
| Selenium   | 82-1  | 1.35      | 1.20      | 0.68      | 1.08       | 32.83   | ppb   |
| Silicon    | 28-1  | 57.90     | 79.78     | 64.43     | 67.37      | 16.67   | ppb   |
| Silver     | 109-1 | 0.18      | 0.15      | 0.16      | 0.16       | 9.22    | ppb   |
| Silver     | 107-1 | 0.16      | 0.18      | 0.13      | 0.16       | 15.72   | ppb   |
| Sodium     | 23-2  | 493584.26 | 510693.79 | 492676.81 | 498984.95  | 2.03    | ppb   |
| Strontium  | 86-1  | 32.36     | 35.73     | 33.85     | 33.98      | 4.97    | ppb   |
| Strontium  | 88-1  | 32.86     | 36.23     | 34.30     | 34.46      | 4.91    | ppb   |
| Sulfur     | 34-1  | -2065.94  | -565.46   | -1538.21  | -1389.87   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 0.57      | 0.56      | 0.53      | 0.55       | 3.38    | ppb   |
| Thallium   | 205-1 | 0.59      | 0.58      | 0.57      | 0.58       | 2.12    | ppb   |
| Tin        | 118-1 | 1.89      | 2.20      | 1.87      | 1.99       | 9.47    | ppb   |
| Titanium   | 47-1  | 1.35      | 1.76      | 1.42      | 1.51       | 14.75   | ppb   |
| Uranium    | 238-1 | 0.29      | 0.27      | 0.25      | 0.27       | 7.10    | ppb   |
| Vanadium   | 51-2  | 0.67      | 0.80      | 0.64      | 0.70       | 12.40   | ppb   |
| Yttrium    | 89-1  |           |           |           | 103        |         | %     |
| Yttrium    | 89-2  |           |           |           | 107        |         | %     |
| Zinc       | 66-2  | 9.40      | 9.36      | 9.02      | 9.26       | 2.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:26:15 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.37    | 0.36    | 0.32    | 0.35       | 7.13    | ppb   |
| Zirconium | 91-1 | 0.37    | 0.36    | 0.33    | 0.35       | 7.10    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:31:59 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 582.33  | 532.98  | 568.67  | 561.33     | 4.54    | ppb   |
| Antimony   | 121-1 | 194.45  | 191.95  | 192.83  | 193.08     | 0.66    | ppb   |
| Arsenic    | 75-2  | 183.77  | 187.24  | 192.15  | 187.72     | 2.24    | ppb   |
| Barium     | 135-1 | 97.07   | 96.86   | 98.30   | 97.41      | 0.80    | ppb   |
| Barium     | 137-1 | 97.13   | 97.73   | 97.25   | 97.37      | 0.33    | ppb   |
| Beryllium  | 9-1   | 92.55   | 94.28   | 92.56   | 93.13      | 1.07    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 447.65  | 460.03  | 465.67  | 457.78     | 2.01    | ppb   |
| Boron      | 11-1  | 440.54  | 457.18  | 467.58  | 455.10     | 3.00    | ppb   |
| Cadmium    | 111-1 | 99.90   | 99.40   | 99.58   | 99.63      | 0.26    | ppb   |
| Cadmium    | 106-1 | 148.10  | 144.11  | 144.55  | 145.59     | 1.50    | ppb   |
| Cadmium    | 108-1 | 125.49  | 128.05  | 126.02  | 126.52     | 1.07    | ppb   |
| Calcium    | 43-1  | 2048.59 | 1985.45 | 2019.18 | 2017.74    | 1.57    | ppb   |
| Calcium    | 44-1  | 1935.93 | 1909.76 | 1958.52 | 1934.74    | 1.26    | ppb   |
| Chromium   | 52-2  | 92.32   | 93.31   | 93.59   | 93.07      | 0.72    | ppb   |
| Cobalt     | 59-2  | 95.21   | 96.22   | 97.43   | 96.29      | 1.16    | ppb   |
| Copper     | 63-2  | 96.26   | 95.91   | 98.54   | 96.90      | 1.47    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 991.15  | 995.03  | 1013.51 | 999.90     | 1.19    | ppb   |
| Iron       | 57-2  | 1022.85 | 1008.54 | 1005.01 | 1012.13    | 0.93    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 188.28  | 189.80  | 186.21  | 188.10     | 0.96    | ppb   |
| Lead       | 207-1 | 177.21  | 178.04  | 176.98  | 177.41     | 0.31    | ppb   |
| Lead       | 208-1 | 185.75  | 187.44  | 186.85  | 186.68     | 0.46    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1213.82 | 1227.83 | 1192.16 | 1211.27    | 1.48    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:31:59 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 96.49    | 98.59    | 95.26    | 96.78      | 1.74    | ppb   |
| Molybdenum | 94-1  | 1046.24  | 1039.18  | 1040.70  | 1042.04    | 0.36    | ppb   |
| Molybdenum | 95-1  | 482.04   | 473.47   | 474.59   | 476.70     | 0.98    | ppb   |
| Molybdenum | 96-1  | 553.59   | 540.42   | 549.86   | 547.96     | 1.24    | ppb   |
| Molybdenum | 97-1  | 461.47   | 457.96   | 460.57   | 460.00     | 0.40    | ppb   |
| Molybdenum | 98-1  | 476.62   | 461.29   | 471.04   | 469.65     | 1.65    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 95.57    | 97.65    | 100.56   | 97.93      | 2.56    | ppb   |
| Phosphorus | 31-2  | 29.57    | 14.31    | -16.99   | 8.96       | 264.81  | ppb   |
| Potassium  | 39-2  | 1986.84  | 2079.66  | 2073.76  | 2046.75    | 2.54    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 153.89   | 162.04   | 158.74   | 158.22     | 2.59    | ppb   |
| Selenium   | 78-2  | 186.86   | 197.74   | 174.68   | 186.43     | 6.19    | ppb   |
| Selenium   | 82-1  | 191.69   | 192.37   | 193.28   | 192.45     | 0.42    | ppb   |
| Silicon    | 28-1  | 457.92   | 455.52   | 464.82   | 459.42     | 1.05    | ppb   |
| Silver     | 109-1 | 98.70    | 98.71    | 97.81    | 98.40      | 0.52    | ppb   |
| Silver     | 107-1 | 98.13    | 98.53    | 97.41    | 98.02      | 0.58    | ppb   |
| Sodium     | 23-2  | 2065.23  | 2054.89  | 2097.86  | 2072.66    | 1.08    | ppb   |
| Strontium  | 86-1  | 463.55   | 458.45   | 468.87   | 463.62     | 1.12    | ppb   |
| Strontium  | 88-1  | 462.57   | 463.08   | 465.55   | 463.73     | 0.34    | ppb   |
| Sulfur     | 34-1  | -1959.25 | -1982.04 | -2010.26 | -1983.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 188.69   | 191.74   | 191.30   | 190.58     | 0.87    | ppb   |
| Thallium   | 205-1 | 192.93   | 198.84   | 195.64   | 195.80     | 1.51    | ppb   |
| Tin        | 118-1 | 495.10   | 479.54   | 479.08   | 484.57     | 1.88    | ppb   |
| Titanium   | 47-1  | 469.28   | 463.10   | 467.29   | 466.56     | 0.68    | ppb   |
| Uranium    | 238-1 | 449.34   | 456.84   | 454.70   | 453.63     | 0.85    | ppb   |
| Vanadium   | 51-2  | 93.72    | 93.73    | 95.06    | 94.17      | 0.82    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |
| Zinc       | 66-2  | 196.48   | 199.85   | 197.88   | 198.07     | 0.85    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:31:59 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 472.70  | 452.95  | 465.30  | 463.65     | 2.15    | ppb   |
| Zirconium | 91-1 | 462.39  | 459.30  | 465.11  | 462.27     | 0.63    | ppb   |

LB Number : LB95676 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-25 16:39:18 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.43   | -1.36   | -1.39   | -1.39      |         | ppb   |
| Antimony   | 121-1 | 0.28    | 0.29    | 0.25    | 0.27       | 7.11    | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | 0.05    | 0.02       | 100.45  | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.01    | 0.01       | 91.69   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.08    | 0.06    | 0.05       | 62.81   | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 11.72   | 13.52   | 12.59   | 12.61      | 7.17    | ppb   |
| Boron      | 11-1  | 13.26   | 12.73   | 12.32   | 12.77      | 3.67    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.78   | -0.65   | -0.70   | -0.71      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.17    | -0.03   | 0.08       | 132.01  | ppb   |
| Calcium    | 43-1  | 4.24    | 4.47    | -6.80   | 0.64       | 1012.50 | ppb   |
| Calcium    | 44-1  | 10.83   | 13.32   | 12.23   | 12.13      | 10.31   | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | 0.07    | 0.00       | 6713.06 | ppb   |
| Cobalt     | 59-2  | 0.01    | -0.01   | 0.00    | 0.00       | 588.96  | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.01    | 0.02       | 40.40   | 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 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 0.75    | 1.15    | 1.02    | 0.97       | 21.02   | ppb   |
| Iron       | 57-2  | 0.78    | 0.91    | -0.22   | 0.49       | 126.89  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.05    | 0.04    | 0.05    | 0.05       | 12.24   | ppb   |
| Lead       | 207-1 | 0.06    | 0.05    | 0.04    | 0.05       | 20.33   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.91    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1.16    | 0.93    | 1.07    | 1.05       | 10.84   | ppb   |

LB Number : LB95676 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-25 16:39:18 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01     | 0.01    | 0.13    | 0.05       | 138.10  | ppb   |
| Molybdenum | 94-1  | 0.16     | 0.13    | 0.18    | 0.16       | 16.93   | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.14    | 0.14    | 0.16       | 15.68   | ppb   |
| Molybdenum | 96-1  | 0.16     | 0.17    | 0.17    | 0.17       | 3.81    | ppb   |
| Molybdenum | 97-1  | 0.10     | 0.12    | 0.11    | 0.11       | 11.24   | ppb   |
| Molybdenum | 98-1  | 0.16     | 0.18    | 0.15    | 0.16       | 8.22    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03    | 0.02    | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 14.57    | 48.06   | -0.94   | 20.56      | 121.79  | ppb   |
| Potassium  | 39-2  | 25.77    | 14.85   | 27.09   | 22.57      | 29.75   | ppb   |
| Rhodium    | 103-1 |          |         |         | 101        |         | %     |
| Rhodium    | 103-2 |          |         |         | 105        |         | %     |
| Scandium   | 45-1  |          |         |         | 103        |         | %     |
| Scandium   | 45-2  |          |         |         | 107        |         | %     |
| Selenium   | 77-2  | -3.02    | -3.02   | -3.02   | -3.02      |         | ppb   |
| Selenium   | 78-2  | -0.29    | 0.45    | 1.09    | 0.42       | 164.96  | ppb   |
| Selenium   | 82-1  | 0.17     | 0.47    | -0.10   | 0.18       | 158.88  | ppb   |
| Silicon    | 28-1  | -7.15    | -4.04   | -4.65   | -5.28      |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01    | 0.01       | 6.09    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 15.30   | ppb   |
| Sodium     | 23-2  | 45.55    | 57.42   | 53.91   | 52.29      | 11.66   | ppb   |
| Strontium  | 86-1  | -0.01    | -0.01   | 0.04    | 0.01       | 534.22  | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01    | 0.01    | 0.01       | 17.64   | ppb   |
| Sulfur     | 34-1  | -1370.71 | -758.57 | -903.31 | -1010.86   |         | ppb   |
| Terbium    | 159-1 |          |         |         | 99         |         | %     |
| Terbium    | 159-2 |          |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.07    | 0.09    | 0.08       | 10.18   | ppb   |
| Thallium   | 205-1 | 0.08     | 0.09    | 0.09    | 0.09       | 3.68    | ppb   |
| Tin        | 118-1 | 0.36     | 0.38    | 0.48    | 0.41       | 14.86   | ppb   |
| Titanium   | 47-1  | 0.12     | -0.04   | -0.01   | 0.03       | 321.24  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       | 50.24   | ppb   |
| Vanadium   | 51-2  | -0.01    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |         |         | 102        |         | %     |
| Yttrium    | 89-2  |          |         |         | 106        |         | %     |
| Zinc       | 66-2  | 0.26     | 0.07    | 0.25    | 0.19       | 56.04   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:39:18 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.04    | 0.04    | 0.03       | 23.88   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.04    | 0.04    | 0.04       | 7.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:42:39 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 89427.56 | 90410.96 | 93787.43  | 91208.65   | 2.51    | ppb   |
| Antimony   | 121-1 | 1.17     | 1.21     | 1.26      | 1.22       | 3.69    | ppb   |
| Arsenic    | 75-2  | 0.22     | 0.20     | 0.31      | 0.24       | 24.28   | ppb   |
| Barium     | 135-1 | 1.56     | 1.43     | 1.43      | 1.47       | 5.37    | ppb   |
| Barium     | 137-1 | 1.35     | 1.42     | 1.38      | 1.38       | 2.41    | ppb   |
| Beryllium  | 9-1   | 0.27     | 0.28     | 0.34      | 0.30       | 12.57   | ppb   |
| Bismuth    | 209-1 |          |          |           | 95         |         | %     |
| Bismuth    | 209-2 |          |          |           | 97         |         | %     |
| Boron      | 10-1  | 10.92    | 10.93    | 12.20     | 11.35      | 6.48    | ppb   |
| Boron      | 11-1  | 11.29    | 10.85    | 11.68     | 11.27      | 3.66    | ppb   |
| Cadmium    | 111-1 | 0.31     | 0.27     | 0.26      | 0.28       | 9.18    | ppb   |
| Cadmium    | 106-1 | 0.21     | -0.99    | -0.10     | -0.29      |         | ppb   |
| Cadmium    | 108-1 | 8.38     | 7.47     | 8.86      | 8.23       | 8.57    | ppb   |
| Calcium    | 43-1  | 92186.85 | 90901.34 | 91790.15  | 91626.11   | 0.72    | ppb   |
| Calcium    | 44-1  | 91128.21 | 88968.30 | 90312.37  | 90136.29   | 1.21    | ppb   |
| Chromium   | 52-2  | 19.51    | 20.05    | 20.13     | 19.90      | 1.69    | ppb   |
| Cobalt     | 59-2  | 1.14     | 1.10     | 1.06      | 1.10       | 3.77    | ppb   |
| Copper     | 63-2  | 7.04     | 7.31     | 7.40      | 7.25       | 2.56    | 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 |          |          |           | 102        |         | %     |
| Holmium    | 165-2 |          |          |           | 105        |         | %     |
| Indium     | 115-1 |          |          |           | 102        |         | %     |
| Indium     | 115-2 |          |          |           | 104        |         | %     |
| Iron       | 56-2  | 95882.71 | 98015.21 | 100019.35 | 97972.42   | 2.11    | ppb   |
| Iron       | 57-2  | 97077.40 | 99208.74 | 103033.46 | 99773.20   | 3.02    | ppb   |
| Krypton    | 83-1  |          |          |           |            |         | cps   |
| Lead       | 206-1 | 4.62     | 4.42     | 4.64      | 4.56       | 2.59    | ppb   |
| Lead       | 207-1 | 3.86     | 3.95     | 3.92      | 3.91       | 1.12    | ppb   |
| Lead       | 208-1 | 4.17     | 4.10     | 4.19      | 4.16       | 1.09    | ppb   |
| Lithium    | 6-1   |          |          |           | 102        |         | %     |
| Magnesium  | 24-2  | 98203.52 | 98538.44 | 102930.42 | 99890.79   | 2.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:42:39 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 7.51     | 7.70      | 7.85      | 7.69       | 2.22    | ppb   |
| Molybdenum | 94-1  | 1321.41  | 1277.56   | 1279.93   | 1292.97    | 1.91    | ppb   |
| Molybdenum | 95-1  | 1854.27  | 1828.18   | 1844.26   | 1842.24    | 0.71    | ppb   |
| Molybdenum | 96-1  | 1761.39  | 1760.05   | 1778.62   | 1766.69    | 0.59    | ppb   |
| Molybdenum | 97-1  | 1860.89  | 1803.25   | 1819.04   | 1827.73    | 1.63    | ppb   |
| Molybdenum | 98-1  | 1817.58  | 1800.57   | 1817.07   | 1811.74    | 0.53    | ppb   |
| Neodymium  | 150-1 |          |           |           |            |         | cps   |
| Neodymium  | 150-2 |          |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.76     | 5.89      | 5.95      | 5.87       | 1.64    | ppb   |
| Phosphorus | 31-2  | 89484.78 | 93018.79  | 98180.69  | 93561.42   | 4.67    | ppb   |
| Potassium  | 39-2  | 99543.98 | 100361.29 | 103712.33 | 101205.87  | 2.18    | ppb   |
| Rhodium    | 103-1 |          |           |           | 100        |         | %     |
| Rhodium    | 103-2 |          |           |           | 102        |         | %     |
| Scandium   | 45-1  |          |           |           | 108        |         | %     |
| Scandium   | 45-2  |          |           |           | 108        |         | %     |
| Selenium   | 77-2  | 5.36     | -3.02     | -3.02     | -0.23      |         | ppb   |
| Selenium   | 78-2  | -0.30    | 0.39      | 2.51      | 0.86       | 169.50  | ppb   |
| Selenium   | 82-1  | 0.53     | -0.43     | -0.42     | -0.11      |         | ppb   |
| Silicon    | 28-1  | 27.16    | 26.84     | 29.25     | 27.75      | 4.71    | ppb   |
| Silver     | 109-1 | 0.04     | 0.06      | 0.06      | 0.06       | 24.89   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05      | 0.08      | 0.06       | 26.12   | ppb   |
| Sodium     | 23-2  | 97762.16 | 99308.12  | 103533.32 | 100201.20  | 2.98    | ppb   |
| Strontium  | 86-1  | 31.47    | 31.89     | 32.37     | 31.91      | 1.42    | ppb   |
| Strontium  | 88-1  | 31.85    | 32.16     | 31.88     | 31.96      | 0.54    | ppb   |
| Sulfur     | 34-1  | 83032.82 | 83560.88  | 84618.00  | 83737.23   | 0.96    | ppb   |
| Terbium    | 159-1 |          |           |           | 103        |         | %     |
| Terbium    | 159-2 |          |           |           | 104        |         | %     |
| Thallium   | 203-1 | 0.16     | 0.18      | 0.19      | 0.18       | 9.11    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.16      | 0.18      | 0.16       | 12.47   | ppb   |
| Tin        | 118-1 | 0.22     | 0.25      | 0.20      | 0.22       | 10.72   | ppb   |
| Titanium   | 47-1  | 1927.62  | 1902.75   | 1952.80   | 1927.72    | 1.30    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02      | 0.02      | 0.02       | 7.35    | ppb   |
| Vanadium   | 51-2  | 0.15     | 0.23      | 0.16      | 0.18       | 24.98   | ppb   |
| Yttrium    | 89-1  |          |           |           | 106        |         | %     |
| Yttrium    | 89-2  |          |           |           | 108        |         | %     |
| Zinc       | 66-2  | 10.59    | 11.46     | 11.48     | 11.18      | 4.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:42:39 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.30    | 0.27    | 0.22    | 0.26       | 15.00   | ppb   |
| Zirconium | 91-1 | 0.34    | 0.30    | 0.19    | 0.28       | 27.62   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:45:54 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 92121.99 | 90596.62  | 87899.56 | 90206.05   | 2.37    | ppb   |
| Antimony   | 121-1 | 20.06    | 19.91     | 19.72    | 19.90      | 0.84    | ppb   |
| Arsenic    | 75-2  | 19.85    | 18.94     | 19.10    | 19.30      | 2.52    | ppb   |
| Barium     | 135-1 | 21.07    | 21.18     | 20.93    | 21.06      | 0.58    | ppb   |
| Barium     | 137-1 | 21.25    | 21.12     | 20.94    | 21.11      | 0.74    | ppb   |
| Beryllium  | 9-1   | 19.47    | 20.05     | 18.29    | 19.27      | 4.64    | ppb   |
| Bismuth    | 209-1 |          |           |          | 94         |         | %     |
| Bismuth    | 209-2 |          |           |          | 99         |         | %     |
| Boron      | 10-1  | 61.68    | 68.63     | 61.90    | 64.07      | 6.17    | ppb   |
| Boron      | 11-1  | 63.73    | 63.88     | 60.47    | 62.69      | 3.07    | ppb   |
| Cadmium    | 111-1 | 19.45    | 19.74     | 18.88    | 19.35      | 2.26    | ppb   |
| Cadmium    | 106-1 | 21.52    | 19.99     | 22.57    | 21.36      | 6.07    | ppb   |
| Cadmium    | 108-1 | 29.03    | 29.09     | 29.81    | 29.31      | 1.48    | ppb   |
| Calcium    | 43-1  | 94375.41 | 96417.51  | 91339.03 | 94043.99   | 2.72    | ppb   |
| Calcium    | 44-1  | 91613.67 | 93944.15  | 89504.94 | 91687.59   | 2.42    | ppb   |
| Chromium   | 52-2  | 39.64    | 38.38     | 38.07    | 38.70      | 2.15    | ppb   |
| Cobalt     | 59-2  | 20.14    | 19.98     | 19.66    | 19.92      | 1.23    | ppb   |
| Copper     | 63-2  | 26.60    | 26.28     | 25.64    | 26.17      | 1.88    | ppb   |
| Dysprosium | 156-1 |          |           |          |            |         | cps   |
| Dysprosium | 156-2 |          |           |          |            |         | cps   |
| Erbium     | 164-1 |          |           |          |            |         | cps   |
| Erbium     | 164-2 |          |           |          |            |         | cps   |
| Gadolinium | 160-1 |          |           |          |            |         | cps   |
| Gadolinium | 160-2 |          |           |          |            |         | cps   |
| Holmium    | 165-1 |          |           |          | 101        |         | %     |
| Holmium    | 165-2 |          |           |          | 107        |         | %     |
| Indium     | 115-1 |          |           |          | 100        |         | %     |
| Indium     | 115-2 |          |           |          | 103        |         | %     |
| Iron       | 56-2  | 97778.66 | 96736.26  | 95130.10 | 96548.34   | 1.38    | ppb   |
| Iron       | 57-2  | 99277.03 | 100684.97 | 96196.75 | 98719.59   | 2.33    | ppb   |
| Krypton    | 83-1  |          |           |          |            |         | cps   |
| Lead       | 206-1 | 24.51    | 23.65     | 23.26    | 23.81      | 2.69    | ppb   |
| Lead       | 207-1 | 21.47    | 22.28     | 21.59    | 21.78      | 1.99    | ppb   |
| Lead       | 208-1 | 22.76    | 22.87     | 22.31    | 22.65      | 1.31    | ppb   |
| Lithium    | 6-1   |          |           |          | 102        |         | %     |
| Magnesium  | 24-2  | 99889.53 | 98437.60  | 96261.04 | 98196.06   | 1.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:45:54 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 27.55     | 27.26    | 26.93    | 27.24      | 1.14    | ppb   |
| Molybdenum | 94-1  | 1434.12   | 1448.16  | 1410.68  | 1430.99    | 1.32    | ppb   |
| Molybdenum | 95-1  | 1922.69   | 1947.00  | 1900.53  | 1923.41    | 1.21    | ppb   |
| Molybdenum | 96-1  | 1861.06   | 1890.58  | 1842.04  | 1864.56    | 1.31    | ppb   |
| Molybdenum | 97-1  | 1941.36   | 1949.56  | 1893.98  | 1928.30    | 1.56    | ppb   |
| Molybdenum | 98-1  | 1912.67   | 1923.77  | 1874.41  | 1903.62    | 1.36    | ppb   |
| Neodymium  | 150-1 |           |          |          |            |         | cps   |
| Neodymium  | 150-2 |           |          |          |            |         | cps   |
| Nickel     | 60-2  | 25.92     | 25.13    | 24.84    | 25.30      | 2.21    | ppb   |
| Phosphorus | 31-2  | 95188.12  | 94887.82 | 90268.95 | 93448.29   | 2.95    | ppb   |
| Potassium  | 39-2  | 102980.77 | 99703.08 | 97464.43 | 100049.43  | 2.77    | ppb   |
| Rhodium    | 103-1 |           |          |          | 100        |         | %     |
| Rhodium    | 103-2 |           |          |          | 102        |         | %     |
| Scandium   | 45-1  |           |          |          | 106        |         | %     |
| Scandium   | 45-2  |           |          |          | 109        |         | %     |
| Selenium   | 77-2  | 9.82      | 9.71     | 34.52    | 18.01      | 79.35   | ppb   |
| Selenium   | 78-2  | 24.05     | 16.25    | 19.35    | 19.88      | 19.74   | ppb   |
| Selenium   | 82-1  | 19.26     | 19.53    | 19.26    | 19.35      | 0.82    | ppb   |
| Silicon    | 28-1  | 92.16     | 99.86    | 88.25    | 93.43      | 6.32    | ppb   |
| Silver     | 109-1 | 18.74     | 18.32    | 18.36    | 18.47      | 1.26    | ppb   |
| Silver     | 107-1 | 18.77     | 18.46    | 18.46    | 18.56      | 0.96    | ppb   |
| Sodium     | 23-2  | 100953.62 | 99070.91 | 97037.07 | 99020.53   | 1.98    | ppb   |
| Strontium  | 86-1  | 81.26     | 81.25    | 79.42    | 80.64      | 1.32    | ppb   |
| Strontium  | 88-1  | 83.17     | 84.28    | 81.53    | 82.99      | 1.67    | ppb   |
| Sulfur     | 34-1  | 85467.05  | 88713.92 | 81414.48 | 85198.48   | 4.29    | ppb   |
| Terbium    | 159-1 |           |          |          | 102        |         | %     |
| Terbium    | 159-2 |           |          |          | 105        |         | %     |
| Thallium   | 203-1 | 19.61     | 20.11    | 19.25    | 19.66      | 2.20    | ppb   |
| Thallium   | 205-1 | 19.85     | 20.06    | 19.42    | 19.78      | 1.66    | ppb   |
| Tin        | 118-1 | 49.75     | 49.75    | 48.80    | 49.43      | 1.10    | ppb   |
| Titanium   | 47-1  | 1997.41   | 2032.38  | 1946.21  | 1992.00    | 2.18    | ppb   |
| Uranium    | 238-1 | 48.62     | 49.66    | 47.78    | 48.69      | 1.94    | ppb   |
| Vanadium   | 51-2  | 18.84     | 19.16    | 18.22    | 18.74      | 2.57    | ppb   |
| Yttrium    | 89-1  |           |          |          | 105        |         | %     |
| Yttrium    | 89-2  |           |          |          | 108        |         | %     |
| Zinc       | 66-2  | 31.20     | 31.25    | 30.20    | 30.88      | 1.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:45:54 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 48.38   | 49.23   | 47.96   | 48.52      | 1.33    | ppb   |
| Zirconium | 91-1 | 47.31   | 49.38   | 48.29   | 48.33      | 2.14    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV096              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV096              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:49:08 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50578.71  | 50313.06  | 49077.10  | 49989.62   | 1.60    | ppb   |
| Antimony   | 121-1 | 499.62    | 497.57    | 488.28    | 495.16     | 1.22    | ppb   |
| Arsenic    | 75-2  | 489.63    | 489.09    | 482.89    | 487.20     | 0.77    | ppb   |
| Barium     | 135-1 | 2542.41   | 2522.73   | 2472.80   | 2512.64    | 1.43    | ppb   |
| Barium     | 137-1 | 2504.34   | 2534.09   | 2426.81   | 2488.41    | 2.23    | ppb   |
| Beryllium  | 9-1   | 490.09    | 484.74    | 488.08    | 487.64     | 0.55    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 473.12    | 484.73    | 508.04    | 488.63     | 3.64    | ppb   |
| Boron      | 11-1  | 484.33    | 493.51    | 505.09    | 494.31     | 2.10    | ppb   |
| Cadmium    | 111-1 | 479.30    | 479.54    | 471.45    | 476.76     | 0.97    | ppb   |
| Cadmium    | 106-1 | 480.42    | 484.74    | 480.75    | 481.97     | 0.50    | ppb   |
| Cadmium    | 108-1 | 490.79    | 492.09    | 476.98    | 486.62     | 1.72    | ppb   |
| Calcium    | 43-1  | 237633.57 | 238892.31 | 237976.25 | 238167.38  | 0.27    | ppb   |
| Calcium    | 44-1  | 239263.77 | 236283.77 | 235907.62 | 237151.72  | 0.78    | ppb   |
| Chromium   | 52-2  | 510.05    | 516.66    | 505.50    | 510.74     | 1.10    | ppb   |
| Cobalt     | 59-2  | 484.47    | 491.37    | 476.42    | 484.09     | 1.55    | ppb   |
| Copper     | 63-2  | 977.94    | 973.19    | 947.37    | 966.17     | 1.70    | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 103        |         | %     |
| Iron       | 56-2  | 125257.15 | 124863.13 | 122507.46 | 124209.24  | 1.20    | ppb   |
| Iron       | 57-2  | 126752.89 | 129110.83 | 126632.43 | 127498.72  | 1.10    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 499.77    | 497.96    | 501.98    | 499.90     | 0.40    | ppb   |
| Lead       | 207-1 | 489.53    | 489.81    | 485.81    | 488.38     | 0.46    | ppb   |
| Lead       | 208-1 | 496.86    | 496.53    | 493.50    | 495.63     | 0.37    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 250284.75 | 250585.91 | 245330.38 | 248733.68  | 1.19    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV096              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV096              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:49:08 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1002.22   | 1012.88   | 982.19    | 999.10     | 1.56    | ppb   |
| Molybdenum | 94-1  | 2474.58   | 2447.06   | 2484.43   | 2468.69    | 0.78    | ppb   |
| Molybdenum | 95-1  | 2489.12   | 2453.18   | 2479.83   | 2474.04    | 0.75    | ppb   |
| Molybdenum | 96-1  | 2446.83   | 2446.96   | 2492.79   | 2462.19    | 1.08    | ppb   |
| Molybdenum | 97-1  | 2503.11   | 2456.69   | 2492.72   | 2484.17    | 0.98    | ppb   |
| Molybdenum | 98-1  | 2473.90   | 2452.47   | 2476.75   | 2467.71    | 0.54    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 495.51    | 503.83    | 482.81    | 494.05     | 2.14    | ppb   |
| Phosphorus | 31-2  | 9520.38   | 10028.85  | 9865.10   | 9804.78    | 2.65    | ppb   |
| Potassium  | 39-2  | 127094.82 | 127102.42 | 122856.33 | 125684.52  | 1.95    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 107        |         | %     |
| Selenium   | 77-2  | 456.27    | 489.22    | 569.12    | 504.87     | 11.49   | ppb   |
| Selenium   | 78-2  | 514.39    | 485.81    | 504.41    | 501.54     | 2.89    | ppb   |
| Selenium   | 82-1  | 483.87    | 482.43    | 490.10    | 485.47     | 0.84    | ppb   |
| Silicon    | 28-1  | 557.50    | 566.81    | 565.22    | 563.18     | 0.88    | ppb   |
| Silver     | 109-1 | 486.97    | 491.18    | 480.00    | 486.05     | 1.16    | ppb   |
| Silver     | 107-1 | 492.85    | 494.19    | 484.27    | 490.44     | 1.10    | ppb   |
| Sodium     | 23-2  | 249684.46 | 248084.57 | 245002.21 | 247590.42  | 0.96    | ppb   |
| Strontium  | 86-1  | 499.95    | 502.92    | 502.47    | 501.78     | 0.32    | ppb   |
| Strontium  | 88-1  | 506.73    | 504.01    | 503.12    | 504.62     | 0.37    | ppb   |
| Sulfur     | 34-1  | 9953.15   | 9708.48   | 9602.75   | 9754.79    | 1.84    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 493.08    | 500.00    | 488.22    | 493.77     | 1.20    | ppb   |
| Thallium   | 205-1 | 494.07    | 495.04    | 494.56    | 494.56     | 0.10    | ppb   |
| Tin        | 118-1 | 504.27    | 501.07    | 488.71    | 498.02     | 1.65    | ppb   |
| Titanium   | 47-1  | 2501.52   | 2493.76   | 2480.18   | 2491.82    | 0.43    | ppb   |
| Uranium    | 238-1 | 502.02    | 505.06    | 497.57    | 501.55     | 0.75    | ppb   |
| Vanadium   | 51-2  | 498.43    | 503.01    | 486.65    | 496.03     | 1.70    | ppb   |
| Yttrium    | 89-1  |           |           |           | 105        |         | %     |
| Yttrium    | 89-2  |           |           |           | 107        |         | %     |
| Zinc       | 66-2  | 971.05    | 985.29    | 968.41    | 974.92     | 0.93    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV096              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV096              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:49:08 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 492.93  | 489.22  | 494.28  | 492.14     | 0.53    | ppb   |
| Zirconium | 91-1 | 497.53  | 497.65  | 501.03  | 498.74     | 0.40    | ppb   |

LB Number : LB95676 Operator : Jaswal  
 Lab Sample ID : CCB096 Instrumnet Name : P8  
 Client Sample ID : CCB096 Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-25 16:55:16 DataFile Name : 017CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.40    | 1.25    | 3.37    | 2.67       | 46.00   | ppb   |
| Antimony   | 121-1 | 0.36    | 0.37    | 0.31    | 0.35       | 9.74    | ppb   |
| Arsenic    | 75-2  | -0.07   | 0.01    | -0.05   | -0.04      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.03    | 0.00    | 0.01       | 150.80  | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.03    | 0.04    | 0.04       | 27.21   | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 10.60   | 10.85   | 9.25    | 10.23      | 8.41    | ppb   |
| Boron      | 11-1  | 10.16   | 10.21   | 10.12   | 10.16      | 0.42    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.05    | -0.11   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.79   | 0.73    | -1.54   | -0.53      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.09    | 0.09    | 0.09       | 3.15    | ppb   |
| Calcium    | 43-1  | 8.76    | 1.79    | -2.24   | 2.77       | 201.01  | ppb   |
| Calcium    | 44-1  | 17.27   | 13.85   | 15.92   | 15.68      | 10.99   | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.01    | 0.01    | 0.00       | 196.85  | ppb   |
| Copper     | 63-2  | 0.03    | 0.06    | 0.01    | 0.04       | 72.65   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 1.68    | 1.64    | 1.88    | 1.73       | 7.49    | ppb   |
| Iron       | 57-2  | 2.78    | 2.69    | 2.03    | 2.50       | 16.50   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.07    | 0.08       | 8.20    | ppb   |
| Lead       | 207-1 | 0.08    | 0.12    | 0.10    | 0.10       | 18.76   | ppb   |
| Lead       | 208-1 | 0.08    | 0.09    | 0.09    | 0.09       | 3.59    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 0.77    | 1.68    | 2.97    | 1.81       | 61.10   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB096              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB096              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:55:16 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.02    | 0.00     | 0.03     | 0.01       | 502.65  | ppb   |
| Molybdenum | 94-1  | 0.33     | 0.32     | 0.22     | 0.29       | 21.91   | ppb   |
| Molybdenum | 95-1  | 0.34     | 0.26     | 0.27     | 0.29       | 15.69   | ppb   |
| Molybdenum | 96-1  | 0.31     | 0.31     | 0.25     | 0.29       | 11.31   | ppb   |
| Molybdenum | 97-1  | 0.33     | 0.40     | 0.34     | 0.36       | 9.53    | ppb   |
| Molybdenum | 98-1  | 0.35     | 0.28     | 0.28     | 0.31       | 13.29   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.05    | -0.04    | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -16.99   | 0.21     | -16.99   | -11.26     |         | ppb   |
| Potassium  | 39-2  | 30.01    | 35.29    | 23.00    | 29.43      | 20.94   | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | -3.02    | -3.02    | 1.36     | -1.56      |         | ppb   |
| Selenium   | 78-2  | -0.28    | 0.51     | -0.27    | -0.01      |         | ppb   |
| Selenium   | 82-1  | 0.61     | 0.24     | -0.58    | 0.09       | 697.93  | ppb   |
| Silicon    | 28-1  | -7.74    | -15.82   | -10.98   | -11.51     |         | ppb   |
| Silver     | 109-1 | 0.05     | 0.03     | 0.04     | 0.04       | 19.11   | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.02     | 0.03       | 27.53   | ppb   |
| Sodium     | 23-2  | 65.25    | 82.52    | 58.14    | 68.64      | 18.27   | ppb   |
| Strontium  | 86-1  | 0.02     | -0.04    | 0.01     | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.01     | 0.00     | 0.00       | 92.39   | ppb   |
| Sulfur     | 34-1  | -1127.87 | -2189.69 | -1635.69 | -1651.08   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.14     | 0.14     | 0.14       | 1.00    | ppb   |
| Thallium   | 205-1 | 0.12     | 0.13     | 0.12     | 0.13       | 5.03    | ppb   |
| Tin        | 118-1 | 0.11     | 0.09     | 0.10     | 0.10       | 10.91   | ppb   |
| Titanium   | 47-1  | 0.06     | -0.02    | 0.13     | 0.06       | 135.08  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 13.58   | ppb   |
| Vanadium   | 51-2  | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 0.00     | 0.11     | 0.09     | 0.07       | 85.99   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB096              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB096              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:55:16 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.07    | 0.07    | 0.07       | 3.73    | ppb   |
| Zirconium | 91-1 | 0.07    | 0.06    | 0.07    | 0.07       | 6.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:58:36 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.20   | -0.08   | 1.16    | 0.29       | 257.82  | ppb   |
| Antimony   | 121-1 | 0.18    | 0.17    | 0.16    | 0.17       | 6.25    | ppb   |
| Arsenic    | 75-2  | -0.07   | -0.07   | 0.00    | -0.04      |         | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.01    | 0.01       | 63.82   | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.05    | 0.04    | 0.04       | 28.08   | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 7.32    | 8.04    | 7.52    | 7.63       | 4.84    | ppb   |
| Boron      | 11-1  | 7.33    | 6.84    | 7.30    | 7.16       | 3.85    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.02   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.73   | -0.32   | 0.14    | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.00    | 0.09    | 0.06       | 88.67   | ppb   |
| Calcium    | 43-1  | -5.62   | -4.73   | -5.17   | -5.17      |         | ppb   |
| Calcium    | 44-1  | 17.21   | 11.50   | 13.45   | 14.05      | 20.68   | ppb   |
| Chromium   | 52-2  | -0.05   | 0.08    | 0.01    | 0.01       | 451.34  | ppb   |
| Cobalt     | 59-2  | -0.02   | 0.02    | 0.03    | 0.01       | 228.85  | ppb   |
| Copper     | 63-2  | 0.01    | 0.04    | 0.01    | 0.02       | 69.63   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 0.87    | 0.51    | 0.91    | 0.76       | 29.07   | ppb   |
| Iron       | 57-2  | -0.19   | 1.79    | 0.70    | 0.76       | 129.84  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.07    | 0.04    | 0.07    | 0.06       | 28.41   | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.07    | 0.06       | 9.68    | ppb   |
| Lead       | 208-1 | 0.07    | 0.05    | 0.07    | 0.06       | 20.44   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | -0.57   | 1.45    | -1.05   | -0.06      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:58:36 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.03    | -0.02    | -0.09    | -0.03      |         | ppb   |
| Molybdenum | 94-1  | 0.17    | 0.13     | 0.13     | 0.15       | 15.55   | ppb   |
| Molybdenum | 95-1  | 0.13    | 0.15     | 0.11     | 0.13       | 14.72   | ppb   |
| Molybdenum | 96-1  | 0.18    | 0.15     | 0.12     | 0.15       | 20.79   | ppb   |
| Molybdenum | 97-1  | 0.15    | 0.18     | 0.15     | 0.16       | 12.32   | ppb   |
| Molybdenum | 98-1  | 0.14    | 0.15     | 0.16     | 0.15       | 7.05    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.02     | -0.02    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -0.79   | 16.55    | -16.99   | -0.41      |         | ppb   |
| Potassium  | 39-2  | 6.79    | 28.20    | 34.62    | 23.20      | 62.82   | ppb   |
| Rhodium    | 103-1 |         |          |          | 103        |         | %     |
| Rhodium    | 103-2 |         |          |          | 103        |         | %     |
| Scandium   | 45-1  |         |          |          | 103        |         | %     |
| Scandium   | 45-2  |         |          |          | 103        |         | %     |
| Selenium   | 77-2  | 1.25    | -3.02    | 1.42     | -0.12      |         | ppb   |
| Selenium   | 78-2  | 0.40    | 2.65     | -0.26    | 0.93       | 163.74  | ppb   |
| Selenium   | 82-1  | 0.26    | 0.02     | 0.25     | 0.18       | 78.48   | ppb   |
| Silicon    | 28-1  | -5.46   | -14.65   | -10.87   | -10.33     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02     | 0.02     | 0.02       | 28.41   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02     | 0.02     | 0.02       | 28.59   | ppb   |
| Sodium     | 23-2  | 46.44   | 53.40    | 55.02    | 51.62      | 8.83    | ppb   |
| Strontium  | 86-1  | 0.03    | -0.02    | 0.01     | 0.01       | 467.24  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00     | 0.00     | 0.00       | 115.36  | ppb   |
| Sulfur     | 34-1  | -795.50 | -1780.95 | -1490.74 | -1355.73   |         | ppb   |
| Terbium    | 159-1 |         |          |          | 102        |         | %     |
| Terbium    | 159-2 |         |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.07    | 0.11     | 0.10     | 0.09       | 22.36   | ppb   |
| Thallium   | 205-1 | 0.10    | 0.11     | 0.10     | 0.10       | 4.89    | ppb   |
| Tin        | 118-1 | 0.07    | 0.06     | 0.05     | 0.06       | 11.64   | ppb   |
| Titanium   | 47-1  | 0.09    | 0.04     | 0.02     | 0.05       | 76.03   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00     | 0.00     | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |          |          | 104        |         | %     |
| Yttrium    | 89-2  |         |          |          | 104        |         | %     |
| Zinc       | 66-2  | 0.02    | -0.04    | 0.03     | 0.00       | 1550.44 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:58:36 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.03    | 0.04    | 0.04       | 22.39   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.02    | 0.03    | 0.04       | 62.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:01:56 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 45.53   | 39.34   | 19.04   | 34.64      | 40.00   | ppb   |
| Antimony   | 121-1 | 3.92    | 3.78    | 3.76    | 3.82       | 2.26    | ppb   |
| Arsenic    | 75-2  | 1.95    | 1.73    | 1.89    | 1.86       | 6.01    | ppb   |
| Barium     | 135-1 | 19.53   | 18.27   | 18.54   | 18.78      | 3.55    | ppb   |
| Barium     | 137-1 | 19.28   | 17.75   | 18.53   | 18.52      | 4.11    | ppb   |
| Beryllium  | 9-1   | 1.95    | 1.83    | 1.85    | 1.88       | 3.37    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 52.54   | 43.59   | 50.79   | 48.97      | 9.69    | ppb   |
| Boron      | 11-1  | 48.02   | 47.58   | 50.20   | 48.60      | 2.89    | ppb   |
| Cadmium    | 111-1 | 2.14    | 1.79    | 1.62    | 1.85       | 14.36   | ppb   |
| Cadmium    | 106-1 | 3.16    | 1.11    | -0.10   | 1.39       | 118.67  | ppb   |
| Cadmium    | 108-1 | 2.03    | 1.96    | 2.12    | 2.04       | 4.06    | ppb   |
| Calcium    | 43-1  | 917.59  | 871.63  | 903.02  | 897.42     | 2.62    | ppb   |
| Calcium    | 44-1  | 915.09  | 880.17  | 877.81  | 891.03     | 2.34    | ppb   |
| Chromium   | 52-2  | 3.81    | 4.28    | 3.74    | 3.94       | 7.50    | ppb   |
| Cobalt     | 59-2  | 1.96    | 2.06    | 1.89    | 1.97       | 4.41    | ppb   |
| Copper     | 63-2  | 3.80    | 4.08    | 3.84    | 3.91       | 3.88    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 382.99  | 412.19  | 389.71  | 394.96     | 3.87    | ppb   |
| Iron       | 57-2  | 383.42  | 419.12  | 399.84  | 400.80     | 4.46    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.97    | 1.85    | 2.01    | 1.94       | 4.32    | ppb   |
| Lead       | 207-1 | 1.88    | 1.82    | 1.82    | 1.84       | 2.08    | ppb   |
| Lead       | 208-1 | 1.89    | 1.83    | 1.90    | 1.87       | 2.15    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 968.34  | 1070.55 | 1009.89 | 1016.26    | 5.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:01:56 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.67    | 2.19     | 2.25     | 2.03       | 15.79   | ppb   |
| Molybdenum | 94-1  | 9.42    | 9.46     | 9.43     | 9.44       | 0.23    | ppb   |
| Molybdenum | 95-1  | 9.80    | 9.20     | 9.23     | 9.41       | 3.59    | ppb   |
| Molybdenum | 96-1  | 9.46    | 9.32     | 9.36     | 9.38       | 0.78    | ppb   |
| Molybdenum | 97-1  | 9.56    | 9.18     | 9.27     | 9.33       | 2.12    | ppb   |
| Molybdenum | 98-1  | 9.49    | 9.23     | 8.95     | 9.22       | 2.94    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.10    | 1.98     | 1.82     | 1.97       | 7.11    | ppb   |
| Phosphorus | 31-2  | 15.55   | 18.16    | -16.99   | 5.57       | 351.29  | ppb   |
| Potassium  | 39-2  | 991.79  | 1045.82  | 1017.95  | 1018.52    | 2.65    | ppb   |
| Rhodium    | 103-1 |         |          |          | 104        |         | %     |
| Rhodium    | 103-2 |         |          |          | 101        |         | %     |
| Scandium   | 45-1  |         |          |          | 103        |         | %     |
| Scandium   | 45-2  |         |          |          | 102        |         | %     |
| Selenium   | 77-2  | 10.18   | 20.03    | 10.20    | 13.47      | 42.20   | ppb   |
| Selenium   | 78-2  | 8.31    | 5.76     | 14.05    | 9.37       | 45.32   | ppb   |
| Selenium   | 82-1  | 10.32   | 8.65     | 8.99     | 9.32       | 9.45    | ppb   |
| Silicon    | 28-1  | 28.58   | 21.57    | 23.23    | 24.46      | 14.98   | ppb   |
| Silver     | 109-1 | 2.02    | 1.85     | 1.86     | 1.91       | 4.81    | ppb   |
| Silver     | 107-1 | 1.95    | 1.86     | 1.97     | 1.93       | 3.13    | ppb   |
| Sodium     | 23-2  | 1001.81 | 1098.36  | 1038.25  | 1046.14    | 4.66    | ppb   |
| Strontium  | 86-1  | 1.97    | 1.92     | 1.78     | 1.89       | 5.02    | ppb   |
| Strontium  | 88-1  | 2.04    | 1.84     | 1.88     | 1.92       | 5.47    | ppb   |
| Sulfur     | 34-1  | -923.65 | -1502.34 | -1527.93 | -1317.98   |         | ppb   |
| Terbium    | 159-1 |         |          |          | 103        |         | %     |
| Terbium    | 159-2 |         |          |          | 102        |         | %     |
| Thallium   | 203-1 | 1.92    | 1.78     | 1.89     | 1.86       | 4.03    | ppb   |
| Thallium   | 205-1 | 1.96    | 1.85     | 2.02     | 1.95       | 4.54    | ppb   |
| Tin        | 118-1 | 9.61    | 9.11     | 9.37     | 9.36       | 2.66    | ppb   |
| Titanium   | 47-1  | 10.15   | 8.92     | 9.57     | 9.55       | 6.43    | ppb   |
| Uranium    | 238-1 | 1.83    | 1.73     | 1.85     | 1.80       | 3.55    | ppb   |
| Vanadium   | 51-2  | 8.76    | 9.75     | 9.07     | 9.19       | 5.48    | ppb   |
| Yttrium    | 89-1  |         |          |          | 104        |         | %     |
| Yttrium    | 89-2  |         |          |          | 102        |         | %     |
| Zinc       | 66-2  | 3.89    | 4.54     | 4.42     | 4.29       | 8.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:01:56 | DataFile Name :   | 019LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 2.21    | 2.01    | 2.08    | 2.10       | 4.80    | ppb   |
| Zirconium | 91-1 | 2.21    | 2.13    | 1.89    | 2.07       | 7.99    | ppb   |

LB Number : LB95676 Operator : Jaswal  
 Lab Sample ID : PBS Instrumnet Name : P8  
 Client Sample ID : PBS Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-25 17:05:16 DataFile Name : 020CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.47    | -1.32   | -1.29   | 0.29       | 963.26  | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.09    | 0.09       | 1.79    | ppb   |
| Arsenic    | 75-2  | -0.09   | -0.09   | 0.00    | -0.06      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.02    | 0.01       | 128.61  | ppb   |
| Barium     | 137-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.03    | 0.02    | 0.02       | 5.22    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 7.29    | 7.82    | 7.00    | 7.37       | 5.67    | ppb   |
| Boron      | 11-1  | 7.32    | 7.21    | 7.02    | 7.18       | 2.09    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.37   | -0.06   | -0.28   | -0.24      |         | ppb   |
| Cadmium    | 108-1 | 0.29    | 0.09    | 0.00    | 0.13       | 116.92  | ppb   |
| Calcium    | 43-1  | -7.56   | -7.36   | -6.55   | -7.16      |         | ppb   |
| Calcium    | 44-1  | 12.99   | 6.67    | 11.54   | 10.40      | 31.82   | ppb   |
| Chromium   | 52-2  | -0.08   | 0.06    | 0.11    | 0.03       | 292.86  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.01    | -0.01   | 0.01       | 158.33  | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 0.16    | 0.41    | 0.17    | 0.24       | 57.62   | ppb   |
| Iron       | 57-2  | 0.63    | -0.86   | -0.08   | -0.11      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.05    | 0.03    | 0.03    | 0.04       | 19.24   | ppb   |
| Lead       | 207-1 | 0.04    | 0.05    | 0.03    | 0.04       | 31.09   | ppb   |
| Lead       | 208-1 | 0.05    | 0.04    | 0.04    | 0.04       | 10.91   | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1.36    | -1.19   | 2.70    | 0.96       | 205.84  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:05:16 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.03    | -0.02    | -0.02   | 0.00       | 5275.65 | ppb   |
| Molybdenum | 94-1  | 0.12    | 0.06     | 0.07    | 0.08       | 38.56   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.05     | 0.06    | 0.06       | 15.38   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.06     | 0.06    | 0.07       | 21.73   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.07     | 0.07    | 0.08       | 23.20   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.07     | 0.07    | 0.07       | 8.53    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.05    | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -16.99  | 16.08    | -16.99  | -5.97      |         | ppb   |
| Potassium  | 39-2  | 13.43   | 3.72     | 18.94   | 12.03      | 64.07   | ppb   |
| Rhodium    | 103-1 |         |          |         | 102        |         | %     |
| Rhodium    | 103-2 |         |          |         | 103        |         | %     |
| Scandium   | 45-1  |         |          |         | 102        |         | %     |
| Scandium   | 45-2  |         |          |         | 103        |         | %     |
| Selenium   | 77-2  | -3.02   | -3.02    | -3.02   | -3.02      |         | ppb   |
| Selenium   | 78-2  | 0.43    | -0.98    | -0.26   | -0.27      |         | ppb   |
| Selenium   | 82-1  | -0.08   | 0.32     | 0.10    | 0.11       | 176.58  | ppb   |
| Silicon    | 28-1  | -6.36   | -8.19    | -8.43   | -7.66      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01     | 0.01    | 0.01       | 32.82   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02     | 0.00    | 0.01       | 57.72   | ppb   |
| Sodium     | 23-2  | 37.70   | 39.21    | 39.20   | 38.71      | 2.25    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.01     | -0.01   | 0.01       | 228.13  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -825.73 | -1895.71 | -552.01 | -1091.15   |         | ppb   |
| Terbium    | 159-1 |         |          |         | 101        |         | %     |
| Terbium    | 159-2 |         |          |         | 103        |         | %     |
| Thallium   | 203-1 | 0.07    | 0.07     | 0.10    | 0.08       | 20.50   | ppb   |
| Thallium   | 205-1 | 0.08    | 0.06     | 0.09    | 0.08       | 18.55   | ppb   |
| Tin        | 118-1 | 0.06    | 0.04     | 0.03    | 0.04       | 32.10   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.07     | 0.04    | 0.06       | 28.42   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02    | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |          |         | 102        |         | %     |
| Yttrium    | 89-2  |         |          |         | 103        |         | %     |
| Zinc       | 66-2  | 0.00    | 0.05     | -0.02   | 0.01       | 331.62  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:05:16 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.03    | 0.03    | 0.03       | 17.64   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.02    | 0.02    | 0.03       | 88.42   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:08:35 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 27.46   | 38.75   | 38.90   | 35.04      | 18.73   | ppb   |
| Antimony   | 121-1 | 3.82    | 3.55    | 3.61    | 3.66       | 3.99    | ppb   |
| Arsenic    | 75-2  | 1.76    | 1.87    | 1.37    | 1.66       | 15.72   | ppb   |
| Barium     | 135-1 | 19.25   | 17.98   | 17.85   | 18.36      | 4.20    | ppb   |
| Barium     | 137-1 | 19.91   | 17.99   | 18.06   | 18.66      | 5.83    | ppb   |
| Beryllium  | 9-1   | 1.88    | 1.83    | 1.77    | 1.83       | 2.87    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 50.81   | 46.99   | 48.06   | 48.62      | 4.05    | ppb   |
| Boron      | 11-1  | 47.44   | 46.26   | 47.34   | 47.02      | 1.39    | ppb   |
| Cadmium    | 111-1 | 1.72    | 1.83    | 1.84    | 1.80       | 3.88    | ppb   |
| Cadmium    | 106-1 | 0.10    | 2.20    | 1.05    | 1.11       | 94.19   | ppb   |
| Cadmium    | 108-1 | 2.15    | 2.18    | 1.76    | 2.03       | 11.43   | ppb   |
| Calcium    | 43-1  | 915.63  | 859.63  | 899.61  | 891.62     | 3.23    | ppb   |
| Calcium    | 44-1  | 925.43  | 849.13  | 880.41  | 884.99     | 4.33    | ppb   |
| Chromium   | 52-2  | 3.56    | 3.87    | 4.24    | 3.89       | 8.78    | ppb   |
| Cobalt     | 59-2  | 1.92    | 2.01    | 2.05    | 1.99       | 3.47    | ppb   |
| Copper     | 63-2  | 3.68    | 3.91    | 4.18    | 3.92       | 6.45    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 373.71  | 387.25  | 400.13  | 387.03     | 3.41    | ppb   |
| Iron       | 57-2  | 361.47  | 362.41  | 393.03  | 372.30     | 4.82    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.86    | 1.85    | 1.80    | 1.84       | 1.75    | ppb   |
| Lead       | 207-1 | 1.87    | 1.79    | 1.80    | 1.82       | 2.35    | ppb   |
| Lead       | 208-1 | 1.88    | 1.80    | 1.81    | 1.83       | 2.48    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 944.23  | 965.58  | 1000.72 | 970.18     | 2.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:08:35 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.94    | 1.98     | 2.09     | 2.00       | 3.88    | ppb   |
| Molybdenum | 94-1  | 10.13   | 9.08     | 9.18     | 9.46       | 6.13    | ppb   |
| Molybdenum | 95-1  | 9.79    | 8.58     | 9.21     | 9.20       | 6.58    | ppb   |
| Molybdenum | 96-1  | 9.65    | 8.82     | 9.25     | 9.24       | 4.53    | ppb   |
| Molybdenum | 97-1  | 9.51    | 8.79     | 9.01     | 9.10       | 4.07    | ppb   |
| Molybdenum | 98-1  | 9.72    | 9.05     | 8.68     | 9.15       | 5.75    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.89    | 1.96     | 2.05     | 1.97       | 4.15    | ppb   |
| Phosphorus | 31-2  | 15.06   | -16.99   | 17.80    | 5.29       | 365.73  | ppb   |
| Potassium  | 39-2  | 945.72  | 981.36   | 975.39   | 967.49     | 1.97    | ppb   |
| Rhodium    | 103-1 |         |          |          | 102        |         | %     |
| Rhodium    | 103-2 |         |          |          | 103        |         | %     |
| Scandium   | 45-1  |         |          |          | 103        |         | %     |
| Scandium   | 45-2  |         |          |          | 102        |         | %     |
| Selenium   | 77-2  | 9.92    | 1.46     | 1.55     | 4.31       | 112.75  | ppb   |
| Selenium   | 78-2  | 6.03    | 8.50     | 14.61    | 9.71       | 45.50   | ppb   |
| Selenium   | 82-1  | 9.99    | 9.14     | 9.02     | 9.38       | 5.60    | ppb   |
| Silicon    | 28-1  | 31.17   | 19.78    | 23.67    | 24.87      | 23.28   | ppb   |
| Silver     | 109-1 | 2.01    | 1.87     | 1.87     | 1.92       | 4.35    | ppb   |
| Silver     | 107-1 | 2.07    | 1.91     | 1.83     | 1.93       | 6.17    | ppb   |
| Sodium     | 23-2  | 960.92  | 1037.64  | 1078.33  | 1025.63    | 5.81    | ppb   |
| Strontium  | 86-1  | 2.01    | 1.71     | 1.73     | 1.82       | 9.34    | ppb   |
| Strontium  | 88-1  | 1.93    | 1.84     | 1.83     | 1.86       | 2.89    | ppb   |
| Sulfur     | 34-1  | -249.03 | -1468.16 | -1190.25 | -969.15    |         | ppb   |
| Terbium    | 159-1 |         |          |          | 102        |         | %     |
| Terbium    | 159-2 |         |          |          | 101        |         | %     |
| Thallium   | 203-1 | 1.97    | 1.81     | 1.94     | 1.91       | 4.44    | ppb   |
| Thallium   | 205-1 | 1.97    | 1.84     | 1.87     | 1.90       | 3.67    | ppb   |
| Tin        | 118-1 | 9.63    | 8.97     | 9.09     | 9.23       | 3.82    | ppb   |
| Titanium   | 47-1  | 9.47    | 8.54     | 9.30     | 9.10       | 5.45    | ppb   |
| Uranium    | 238-1 | 1.84    | 1.77     | 1.72     | 1.78       | 3.16    | ppb   |
| Vanadium   | 51-2  | 9.09    | 8.86     | 9.83     | 9.26       | 5.48    | ppb   |
| Yttrium    | 89-1  |         |          |          | 103        |         | %     |
| Yttrium    | 89-2  |         |          |          | 102        |         | %     |
| Zinc       | 66-2  | 3.63    | 4.13     | 3.80     | 3.85       | 6.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:08:35 | DataFile Name :   | 021LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 2.08    | 1.91    | 1.89    | 1.96       | 5.18    | ppb   |
| Zirconium | 91-1 | 2.12    | 1.86    | 2.01    | 1.99       | 6.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-15        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-15        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:11:56 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.12   | 5.35    | 2.28    | 8.25       | 94.95   | ppb   |
| Antimony   | 121-1 | 0.34    | 0.33    | 0.31    | 0.33       | 5.38    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.11    | 0.34    | 0.25       | 50.49   | ppb   |
| Barium     | 135-1 | 1.40    | 1.50    | 1.37    | 1.42       | 5.09    | ppb   |
| Barium     | 137-1 | 1.56    | 1.38    | 1.40    | 1.45       | 6.79    | ppb   |
| Beryllium  | 9-1   | 0.30    | 0.26    | 0.28    | 0.28       | 6.15    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 6.19    | 6.15    | 5.68    | 6.01       | 4.77    | ppb   |
| Boron      | 11-1  | 7.26    | 6.64    | 6.19    | 6.69       | 7.98    | ppb   |
| Cadmium    | 111-1 | 0.16    | 0.26    | 0.28    | 0.23       | 28.34   | ppb   |
| Cadmium    | 106-1 | -1.00   | 0.37    | 0.19    | -0.14      |         | ppb   |
| Cadmium    | 108-1 | 0.52    | 0.41    | 0.41    | 0.45       | 14.29   | ppb   |
| Calcium    | 43-1  | 21.83   | 28.25   | 25.07   | 25.05      | 12.83   | ppb   |
| Calcium    | 44-1  | 35.26   | 38.00   | 39.02   | 37.43      | 5.20    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.34    | 0.27    | 0.32       | 12.53   | ppb   |
| Cobalt     | 59-2  | 0.31    | 0.31    | 0.30    | 0.31       | 2.34    | ppb   |
| Copper     | 63-2  | 0.60    | 0.60    | 0.64    | 0.61       | 3.66    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 15.84   | 17.19   | 15.30   | 16.11      | 6.06    | ppb   |
| Iron       | 57-2  | 13.38   | 13.75   | 14.34   | 13.82      | 3.50    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.33    | 0.30    | 0.33    | 0.32       | 5.12    | ppb   |
| Lead       | 207-1 | 0.31    | 0.31    | 0.26    | 0.29       | 9.74    | ppb   |
| Lead       | 208-1 | 0.32    | 0.30    | 0.29    | 0.31       | 4.89    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 35.89   | 30.10   | 30.10   | 32.03      | 10.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-15        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-15        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:11:56 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.37    | 0.62     | 0.67     | 0.55       | 29.40   | ppb   |
| Molybdenum | 94-1  | 1.38    | 1.32     | 1.41     | 1.37       | 3.14    | ppb   |
| Molybdenum | 95-1  | 1.47    | 1.43     | 1.59     | 1.50       | 5.76    | ppb   |
| Molybdenum | 96-1  | 1.36    | 1.56     | 1.40     | 1.44       | 7.22    | ppb   |
| Molybdenum | 97-1  | 1.50    | 1.38     | 1.53     | 1.47       | 5.47    | ppb   |
| Molybdenum | 98-1  | 1.43    | 1.44     | 1.43     | 1.44       | 0.18    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.29    | 0.40     | 0.30     | 0.33       | 18.12   | ppb   |
| Phosphorus | 31-2  | 15.13   | 54.79    | -0.37    | 23.18      | 122.71  | ppb   |
| Potassium  | 39-2  | 43.48   | 35.49    | 17.60    | 32.19      | 41.17   | ppb   |
| Rhodium    | 103-1 |         |          |          | 103        |         | %     |
| Rhodium    | 103-2 |         |          |          | 101        |         | %     |
| Scandium   | 45-1  |         |          |          | 103        |         | %     |
| Scandium   | 45-2  |         |          |          | 102        |         | %     |
| Selenium   | 77-2  | 1.29    | 1.74     | 1.41     | 1.48       | 15.72   | ppb   |
| Selenium   | 78-2  | 2.53    | 0.57     | 1.90     | 1.66       | 60.15   | ppb   |
| Selenium   | 82-1  | 1.67    | 2.76     | 2.41     | 2.28       | 24.29   | ppb   |
| Silicon    | 28-1  | -7.34   | -9.60    | -9.26    | -8.73      |         | ppb   |
| Silver     | 109-1 | 0.30    | 0.33     | 0.31     | 0.32       | 3.98    | ppb   |
| Silver     | 107-1 | 0.34    | 0.29     | 0.29     | 0.31       | 9.18    | ppb   |
| Sodium     | 23-2  | 64.47   | 94.77    | 66.01    | 75.08      | 22.73   | ppb   |
| Strontium  | 86-1  | 0.38    | 0.34     | 0.33     | 0.35       | 8.17    | ppb   |
| Strontium  | 88-1  | 0.30    | 0.29     | 0.30     | 0.30       | 2.42    | ppb   |
| Sulfur     | 34-1  | -778.00 | -1013.04 | -1000.72 | -930.59    |         | ppb   |
| Terbium    | 159-1 |         |          |          | 101        |         | %     |
| Terbium    | 159-2 |         |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.34    | 0.32     | 0.37     | 0.34       | 6.75    | ppb   |
| Thallium   | 205-1 | 0.37    | 0.33     | 0.35     | 0.35       | 5.23    | ppb   |
| Tin        | 118-1 | 0.33    | 0.36     | 0.33     | 0.34       | 4.94    | ppb   |
| Titanium   | 47-1  | 1.40    | 1.45     | 1.46     | 1.44       | 2.33    | ppb   |
| Uranium    | 238-1 | 0.28    | 0.27     | 0.25     | 0.27       | 6.43    | ppb   |
| Vanadium   | 51-2  | 0.29    | 0.32     | 0.38     | 0.33       | 14.72   | ppb   |
| Yttrium    | 89-1  |         |          |          | 103        |         | %     |
| Yttrium    | 89-2  |         |          |          | 101        |         | %     |
| Zinc       | 66-2  | 0.68    | 0.67     | 0.68     | 0.68       | 0.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-15        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-15        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:11:56 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.25    | 0.26    | 0.25    | 0.25       | 1.13    | ppb   |
| Zirconium | 91-1 | 0.26    | 0.23    | 0.25    | 0.25       | 6.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-16        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-16        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:15:16 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.39    | 2.35    | 5.81    | 3.85       | 46.11   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.32    | 0.29    | 0.29       | 8.24    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.34    | 0.30    | 0.30       | 17.14   | ppb   |
| Barium     | 135-1 | 1.49    | 1.37    | 1.50    | 1.46       | 4.97    | ppb   |
| Barium     | 137-1 | 1.47    | 1.38    | 1.49    | 1.45       | 4.04    | ppb   |
| Beryllium  | 9-1   | 0.29    | 0.28    | 0.31    | 0.29       | 5.19    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 5.43    | 5.60    | 3.94    | 4.99       | 18.31   | ppb   |
| Boron      | 11-1  | 5.64    | 5.27    | 5.05    | 5.32       | 5.66    | ppb   |
| Cadmium    | 111-1 | 0.29    | 0.24    | 0.20    | 0.25       | 17.33   | ppb   |
| Cadmium    | 106-1 | -0.17   | -0.46   | -1.22   | -0.62      |         | ppb   |
| Cadmium    | 108-1 | 0.49    | 0.31    | 0.48    | 0.43       | 23.31   | ppb   |
| Calcium    | 43-1  | 28.47   | 18.93   | 24.73   | 24.04      | 19.99   | ppb   |
| Calcium    | 44-1  | 39.88   | 35.54   | 36.77   | 37.40      | 5.98    | ppb   |
| Chromium   | 52-2  | 0.24    | 0.22    | 0.15    | 0.20       | 23.94   | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.27    | 0.30    | 0.28       | 5.69    | ppb   |
| Copper     | 63-2  | 0.58    | 0.59    | 0.57    | 0.58       | 2.02    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 15.10   | 14.93   | 14.85   | 14.96      | 0.84    | ppb   |
| Iron       | 57-2  | 14.11   | 11.16   | 10.90   | 12.06      | 14.81   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.29    | 0.29    | 0.26    | 0.28       | 5.87    | ppb   |
| Lead       | 207-1 | 0.29    | 0.27    | 0.29    | 0.28       | 3.09    | ppb   |
| Lead       | 208-1 | 0.29    | 0.29    | 0.28    | 0.29       | 2.36    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 28.38   | 35.09   | 26.57   | 30.01      | 14.95   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-16        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-16        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:15:16 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.45    | 0.64     | 0.37    | 0.49       | 28.38   | ppb   |
| Molybdenum | 94-1  | 1.43    | 1.31     | 1.47    | 1.40       | 6.13    | ppb   |
| Molybdenum | 95-1  | 1.41    | 1.35     | 1.47    | 1.41       | 4.37    | ppb   |
| Molybdenum | 96-1  | 1.39    | 1.42     | 1.32    | 1.37       | 3.58    | ppb   |
| Molybdenum | 97-1  | 1.45    | 1.37     | 1.37    | 1.40       | 3.58    | ppb   |
| Molybdenum | 98-1  | 1.45    | 1.37     | 1.45    | 1.42       | 3.39    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.35    | 0.22     | 0.20    | 0.26       | 29.98   | ppb   |
| Phosphorus | 31-2  | -16.99  | -0.19    | 32.51   | 5.11       | 492.65  | ppb   |
| Potassium  | 39-2  | 25.77   | 40.77    | 34.79   | 33.78      | 22.36   | ppb   |
| Rhodium    | 103-1 |         |          |         | 103        |         | %     |
| Rhodium    | 103-2 |         |          |         | 104        |         | %     |
| Scandium   | 45-1  |         |          |         | 103        |         | %     |
| Scandium   | 45-2  |         |          |         | 103        |         | %     |
| Selenium   | 77-2  | 9.87    | 1.42     | 10.07   | 7.12       | 69.32   | ppb   |
| Selenium   | 78-2  | 1.81    | 4.07     | 2.56    | 2.82       | 40.93   | ppb   |
| Selenium   | 82-1  | 2.45    | 2.05     | 2.19    | 2.23       | 9.14    | ppb   |
| Silicon    | 28-1  | -7.85   | -11.84   | -8.23   | -9.31      |         | ppb   |
| Silver     | 109-1 | 0.30    | 0.31     | 0.25    | 0.29       | 10.33   | ppb   |
| Silver     | 107-1 | 0.30    | 0.29     | 0.28    | 0.29       | 2.35    | ppb   |
| Sodium     | 23-2  | 65.98   | 75.19    | 58.90   | 66.69      | 12.25   | ppb   |
| Strontium  | 86-1  | 0.28    | 0.21     | 0.25    | 0.25       | 14.70   | ppb   |
| Strontium  | 88-1  | 0.26    | 0.28     | 0.28    | 0.27       | 4.54    | ppb   |
| Sulfur     | 34-1  | -794.05 | -1133.36 | -671.55 | -866.32    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 101        |         | %     |
| Terbium    | 159-2 |         |          |         | 104        |         | %     |
| Thallium   | 203-1 | 0.30    | 0.33     | 0.35    | 0.33       | 7.34    | ppb   |
| Thallium   | 205-1 | 0.33    | 0.33     | 0.34    | 0.33       | 2.35    | ppb   |
| Tin        | 118-1 | 0.30    | 0.24     | 0.37    | 0.30       | 20.06   | ppb   |
| Titanium   | 47-1  | 1.40    | 1.47     | 1.34    | 1.40       | 4.46    | ppb   |
| Uranium    | 238-1 | 0.28    | 0.26     | 0.27    | 0.27       | 3.25    | ppb   |
| Vanadium   | 51-2  | 0.28    | 0.27     | 0.27    | 0.27       | 2.37    | ppb   |
| Yttrium    | 89-1  |         |          |         | 103        |         | %     |
| Yttrium    | 89-2  |         |          |         | 104        |         | %     |
| Zinc       | 66-2  | 0.67    | 0.69     | 0.72    | 0.69       | 3.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-16        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-16        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:15:16 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.27    | 0.24    | 0.27    | 0.26       | 6.85    | ppb   |
| Zirconium | 91-1 | 0.24    | 0.20    | 0.30    | 0.25       | 21.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-17        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-17        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:18:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.96    | 2.32    | 1.06    | 4.11       | 103.16  | ppb   |
| Antimony   | 121-1 | 0.30    | 0.27    | 0.34    | 0.31       | 11.60   | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.33    | 0.21    | 0.30       | 23.94   | ppb   |
| Barium     | 135-1 | 1.47    | 1.60    | 1.52    | 1.53       | 4.47    | ppb   |
| Barium     | 137-1 | 1.53    | 1.41    | 1.41    | 1.45       | 4.88    | ppb   |
| Beryllium  | 9-1   | 0.28    | 0.29    | 0.33    | 0.30       | 9.00    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 4.23    | 4.25    | 5.10    | 4.53       | 10.97   | ppb   |
| Boron      | 11-1  | 4.25    | 4.04    | 4.33    | 4.20       | 3.56    | ppb   |
| Cadmium    | 111-1 | 0.33    | 0.22    | 0.30    | 0.28       | 18.98   | ppb   |
| Cadmium    | 106-1 | -0.10   | -0.70   | 0.17    | -0.21      |         | ppb   |
| Cadmium    | 108-1 | 0.35    | 0.09    | 0.19    | 0.21       | 61.87   | ppb   |
| Calcium    | 43-1  | 32.65   | 15.86   | 26.25   | 24.92      | 34.02   | ppb   |
| Calcium    | 44-1  | 34.91   | 32.21   | 37.75   | 34.96      | 7.93    | ppb   |
| Chromium   | 52-2  | 0.14    | 0.33    | 0.19    | 0.22       | 45.37   | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.31    | 0.31    | 0.31       | 1.50    | ppb   |
| Copper     | 63-2  | 0.67    | 0.66    | 0.63    | 0.65       | 2.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 14.82   | 15.60   | 15.70   | 15.37      | 3.15    | ppb   |
| Iron       | 57-2  | 18.27   | 16.68   | 14.24   | 16.40      | 12.39   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.29    | 0.29    | 0.29    | 0.29       | 1.14    | ppb   |
| Lead       | 207-1 | 0.37    | 0.25    | 0.28    | 0.30       | 21.53   | ppb   |
| Lead       | 208-1 | 0.32    | 0.27    | 0.30    | 0.30       | 8.00    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 28.15   | 32.61   | 31.40   | 30.72      | 7.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-17        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-17        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:18:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.59    | 0.58     | 0.56    | 0.58       | 2.42    | ppb   |
| Molybdenum | 94-1  | 1.47    | 1.45     | 1.46    | 1.46       | 0.81    | ppb   |
| Molybdenum | 95-1  | 1.43    | 1.45     | 1.51    | 1.47       | 2.81    | ppb   |
| Molybdenum | 96-1  | 1.53    | 1.39     | 1.35    | 1.42       | 6.91    | ppb   |
| Molybdenum | 97-1  | 1.46    | 1.47     | 1.33    | 1.42       | 5.39    | ppb   |
| Molybdenum | 98-1  | 1.50    | 1.48     | 1.41    | 1.47       | 3.09    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.27    | 0.27     | 0.30    | 0.28       | 5.83    | ppb   |
| Phosphorus | 31-2  | -1.02   | 33.18    | -16.99  | 5.06       | 506.94  | ppb   |
| Potassium  | 39-2  | 14.12   | 17.39    | 23.20   | 18.24      | 25.23   | ppb   |
| Rhodium    | 103-1 |         |          |         | 103        |         | %     |
| Rhodium    | 103-2 |         |          |         | 104        |         | %     |
| Scandium   | 45-1  |         |          |         | 104        |         | %     |
| Scandium   | 45-2  |         |          |         | 104        |         | %     |
| Selenium   | 77-2  | -3.02   | 1.42     | 1.37    | -0.08      |         | ppb   |
| Selenium   | 78-2  | 5.99    | 5.52     | 1.16    | 4.22       | 63.05   | ppb   |
| Selenium   | 82-1  | 2.61    | 2.89     | 3.01    | 2.84       | 7.20    | ppb   |
| Silicon    | 28-1  | -8.32   | -13.81   | -8.24   | -10.13     |         | ppb   |
| Silver     | 109-1 | 0.31    | 0.32     | 0.34    | 0.32       | 4.11    | ppb   |
| Silver     | 107-1 | 0.31    | 0.33     | 0.34    | 0.33       | 4.25    | ppb   |
| Sodium     | 23-2  | 57.88   | 64.62    | 63.64   | 62.05      | 5.87    | ppb   |
| Strontium  | 86-1  | 0.31    | 0.34     | 0.20    | 0.29       | 25.48   | ppb   |
| Strontium  | 88-1  | 0.29    | 0.27     | 0.29    | 0.28       | 3.96    | ppb   |
| Sulfur     | 34-1  | -661.47 | -1320.60 | -676.79 | -886.29    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 101        |         | %     |
| Terbium    | 159-2 |         |          |         | 103        |         | %     |
| Thallium   | 203-1 | 0.36    | 0.34     | 0.32    | 0.34       | 5.29    | ppb   |
| Thallium   | 205-1 | 0.36    | 0.32     | 0.34    | 0.34       | 6.68    | ppb   |
| Tin        | 118-1 | 0.31    | 0.31     | 0.33    | 0.32       | 2.98    | ppb   |
| Titanium   | 47-1  | 1.38    | 1.39     | 1.32    | 1.36       | 2.87    | ppb   |
| Uranium    | 238-1 | 0.27    | 0.27     | 0.28    | 0.27       | 1.74    | ppb   |
| Vanadium   | 51-2  | 0.28    | 0.28     | 0.20    | 0.25       | 19.20   | ppb   |
| Yttrium    | 89-1  |         |          |         | 103        |         | %     |
| Yttrium    | 89-2  |         |          |         | 104        |         | %     |
| Zinc       | 66-2  | 0.45    | 0.64     | 0.72    | 0.60       | 23.57   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-17        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-17        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:18:36 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.28    | 0.26    | 0.28    | 0.27       | 3.36    | ppb   |
| Zirconium | 91-1 | 0.24    | 0.29    | 0.23    | 0.25       | 12.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-18        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-18        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:21:57 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.38   | 6.10    | 5.89    | 7.46       | 33.97   | ppb   |
| Antimony   | 121-1 | 0.32    | 0.26    | 0.31    | 0.30       | 9.47    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.17    | 0.18    | 0.17       | 2.27    | ppb   |
| Barium     | 135-1 | 1.47    | 1.32    | 1.61    | 1.47       | 9.88    | ppb   |
| Barium     | 137-1 | 1.66    | 1.31    | 1.42    | 1.46       | 11.94   | ppb   |
| Beryllium  | 9-1   | 0.27    | 0.34    | 0.28    | 0.30       | 13.21   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 3.48    | 3.98    | 4.04    | 3.83       | 7.97    | ppb   |
| Boron      | 11-1  | 4.04    | 3.56    | 4.27    | 3.95       | 9.19    | ppb   |
| Cadmium    | 111-1 | 0.27    | 0.15    | 0.21    | 0.21       | 28.24   | ppb   |
| Cadmium    | 106-1 | -0.30   | -1.71   | -0.98   | -1.00      |         | ppb   |
| Cadmium    | 108-1 | 0.29    | 0.31    | 0.45    | 0.35       | 24.23   | ppb   |
| Calcium    | 43-1  | 29.80   | 20.28   | 10.80   | 20.29      | 46.81   | ppb   |
| Calcium    | 44-1  | 36.53   | 31.79   | 36.29   | 34.87      | 7.66    | ppb   |
| Chromium   | 52-2  | 0.24    | 0.22    | 0.18    | 0.21       | 15.45   | ppb   |
| Cobalt     | 59-2  | 0.31    | 0.29    | 0.27    | 0.29       | 7.16    | ppb   |
| Copper     | 63-2  | 0.56    | 0.60    | 0.52    | 0.56       | 7.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 15.03   | 16.35   | 14.96   | 15.44      | 5.05    | ppb   |
| Iron       | 57-2  | 12.53   | 12.86   | 14.73   | 13.37      | 8.88    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.28    | 0.29    | 0.32    | 0.29       | 6.97    | ppb   |
| Lead       | 207-1 | 0.30    | 0.30    | 0.28    | 0.29       | 5.20    | ppb   |
| Lead       | 208-1 | 0.30    | 0.27    | 0.30    | 0.29       | 4.76    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 31.56   | 28.14   | 28.63   | 29.45      | 6.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-18        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-18        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:21:57 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.63    | 0.60     | 0.57    | 0.60       | 5.13    | ppb   |
| Molybdenum | 94-1  | 1.51    | 1.32     | 1.33    | 1.39       | 7.85    | ppb   |
| Molybdenum | 95-1  | 1.42    | 1.39     | 1.33    | 1.38       | 3.14    | ppb   |
| Molybdenum | 96-1  | 1.45    | 1.45     | 1.38    | 1.43       | 2.83    | ppb   |
| Molybdenum | 97-1  | 1.46    | 1.46     | 1.43    | 1.45       | 1.07    | ppb   |
| Molybdenum | 98-1  | 1.48    | 1.36     | 1.39    | 1.41       | 4.30    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.36     | 0.25    | 0.29       | 22.13   | ppb   |
| Phosphorus | 31-2  | -16.99  | 0.02     | 16.30   | -0.22      |         | ppb   |
| Potassium  | 39-2  | 26.01   | 18.39    | 31.20   | 25.20      | 25.58   | ppb   |
| Rhodium    | 103-1 |         |          |         | 103        |         | %     |
| Rhodium    | 103-2 |         |          |         | 103        |         | %     |
| Scandium   | 45-1  |         |          |         | 104        |         | %     |
| Scandium   | 45-2  |         |          |         | 103        |         | %     |
| Selenium   | 77-2  | -3.02   | 1.53     | 1.36    | -0.04      |         | ppb   |
| Selenium   | 78-2  | 3.90    | 2.72     | 3.29    | 3.30       | 17.81   | ppb   |
| Selenium   | 82-1  | 1.99    | 2.95     | 2.08    | 2.34       | 22.67   | ppb   |
| Silicon    | 28-1  | -8.53   | -12.96   | -9.92   | -10.47     |         | ppb   |
| Silver     | 109-1 | 0.32    | 0.31     | 0.30    | 0.31       | 2.37    | ppb   |
| Silver     | 107-1 | 0.29    | 0.28     | 0.29    | 0.29       | 2.06    | ppb   |
| Sodium     | 23-2  | 56.16   | 72.00    | 63.65   | 63.94      | 12.39   | ppb   |
| Strontium  | 86-1  | 0.28    | 0.24     | 0.26    | 0.26       | 7.53    | ppb   |
| Strontium  | 88-1  | 0.30    | 0.30     | 0.32    | 0.31       | 2.66    | ppb   |
| Sulfur     | 34-1  | -732.72 | -1432.12 | -583.89 | -916.24    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 101        |         | %     |
| Terbium    | 159-2 |         |          |         | 102        |         | %     |
| Thallium   | 203-1 | 0.37    | 0.36     | 0.31    | 0.34       | 9.38    | ppb   |
| Thallium   | 205-1 | 0.32    | 0.34     | 0.31    | 0.33       | 4.06    | ppb   |
| Tin        | 118-1 | 0.32    | 0.33     | 0.32    | 0.32       | 2.40    | ppb   |
| Titanium   | 47-1  | 1.26    | 1.24     | 1.66    | 1.38       | 17.22   | ppb   |
| Uranium    | 238-1 | 0.27    | 0.26     | 0.27    | 0.27       | 1.43    | ppb   |
| Vanadium   | 51-2  | 0.26    | 0.33     | 0.31    | 0.30       | 11.55   | ppb   |
| Yttrium    | 89-1  |         |          |         | 103        |         | %     |
| Yttrium    | 89-2  |         |          |         | 103        |         | %     |
| Zinc       | 66-2  | 0.69    | 0.73     | 0.82    | 0.75       | 9.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-18        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-18        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:21:57 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.28    | 0.27    | 0.26    | 0.27       | 3.82    | ppb   |
| Zirconium | 91-1 | 0.23    | 0.29    | 0.26    | 0.26       | 11.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-19        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-19        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:25:17 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.73    | 4.80    | 3.46    | 4.66       | 24.40   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.28    | 0.29    | 0.28       | 1.92    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.22    | 0.16    | 0.19       | 15.14   | ppb   |
| Barium     | 135-1 | 1.32    | 1.36    | 1.58    | 1.42       | 9.54    | ppb   |
| Barium     | 137-1 | 1.31    | 1.40    | 1.50    | 1.41       | 6.93    | ppb   |
| Beryllium  | 9-1   | 0.27    | 0.29    | 0.38    | 0.31       | 19.00   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 3.88    | 3.56    | 3.54    | 3.66       | 5.14    | ppb   |
| Boron      | 11-1  | 3.39    | 3.64    | 3.60    | 3.54       | 3.78    | ppb   |
| Cadmium    | 111-1 | 0.30    | 0.15    | 0.28    | 0.25       | 33.77   | ppb   |
| Cadmium    | 106-1 | 0.20    | -1.61   | 0.25    | -0.39      |         | ppb   |
| Cadmium    | 108-1 | 0.19    | 0.19    | 0.27    | 0.22       | 21.22   | ppb   |
| Calcium    | 43-1  | 24.66   | 23.89   | 17.51   | 22.02      | 17.82   | ppb   |
| Calcium    | 44-1  | 33.01   | 33.94   | 39.76   | 35.57      | 10.29   | ppb   |
| Chromium   | 52-2  | 0.26    | 0.38    | 0.16    | 0.26       | 40.69   | ppb   |
| Cobalt     | 59-2  | 0.28    | 0.31    | 0.24    | 0.28       | 11.88   | ppb   |
| Copper     | 63-2  | 0.54    | 0.55    | 0.50    | 0.53       | 4.45    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 14.52   | 15.01   | 13.67   | 14.40      | 4.70    | ppb   |
| Iron       | 57-2  | 12.60   | 14.98   | 13.18   | 13.59      | 9.12    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.30    | 0.23    | 0.30    | 0.27       | 14.67   | ppb   |
| Lead       | 207-1 | 0.29    | 0.32    | 0.30    | 0.30       | 4.57    | ppb   |
| Lead       | 208-1 | 0.29    | 0.28    | 0.31    | 0.29       | 5.75    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 32.49   | 32.45   | 28.25   | 31.06      | 7.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-19        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-19        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:25:17 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.67    | 0.35    | 0.59    | 0.54       | 30.64   | ppb   |
| Molybdenum | 94-1  | 1.35    | 1.24    | 1.53    | 1.37       | 10.36   | ppb   |
| Molybdenum | 95-1  | 1.24    | 1.43    | 1.46    | 1.38       | 8.64    | ppb   |
| Molybdenum | 96-1  | 1.37    | 1.38    | 1.36    | 1.37       | 1.03    | ppb   |
| Molybdenum | 97-1  | 1.31    | 1.30    | 1.37    | 1.32       | 3.00    | ppb   |
| Molybdenum | 98-1  | 1.35    | 1.34    | 1.45    | 1.38       | 4.26    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.31    | 0.26    | 0.13    | 0.23       | 38.67   | ppb   |
| Phosphorus | 31-2  | -0.63   | 16.76   | -16.99  | -0.29      |         | ppb   |
| Potassium  | 39-2  | 6.33    | 36.23   | 21.14   | 21.23      | 70.41   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | -3.02   | 5.88    | 1.36    | 1.40       | 316.75  | ppb   |
| Selenium   | 78-2  | 3.19    | 5.52    | 5.42    | 4.71       | 27.96   | ppb   |
| Selenium   | 82-1  | 2.38    | 1.52    | 1.90    | 1.93       | 22.29   | ppb   |
| Silicon    | 28-1  | -8.24   | -9.80   | -3.05   | -7.03      |         | ppb   |
| Silver     | 109-1 | 0.30    | 0.29    | 0.30    | 0.30       | 1.68    | ppb   |
| Silver     | 107-1 | 0.30    | 0.28    | 0.29    | 0.29       | 2.96    | ppb   |
| Sodium     | 23-2  | 59.49   | 61.49   | 61.25   | 60.75      | 1.79    | ppb   |
| Strontium  | 86-1  | 0.27    | 0.26    | 0.27    | 0.27       | 2.94    | ppb   |
| Strontium  | 88-1  | 0.28    | 0.26    | 0.27    | 0.27       | 3.88    | ppb   |
| Sulfur     | 34-1  | -853.32 | -981.70 | -50.84  | -628.62    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.34    | 0.29    | 0.32    | 0.31       | 7.38    | ppb   |
| Thallium   | 205-1 | 0.30    | 0.30    | 0.32    | 0.31       | 3.47    | ppb   |
| Tin        | 118-1 | 0.24    | 0.29    | 0.33    | 0.29       | 15.85   | ppb   |
| Titanium   | 47-1  | 1.21    | 1.15    | 1.27    | 1.21       | 5.20    | ppb   |
| Uranium    | 238-1 | 0.25    | 0.25    | 0.26    | 0.25       | 0.40    | ppb   |
| Vanadium   | 51-2  | 0.28    | 0.27    | 0.26    | 0.27       | 3.93    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |
| Zinc       | 66-2  | 0.46    | 0.58    | 0.59    | 0.54       | 12.82   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-19        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-19        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:25:17 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.25    | 0.25    | 0.29    | 0.26       | 8.28    | ppb   |
| Zirconium | 91-1 | 0.30    | 0.18    | 0.29    | 0.26       | 24.20   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-20        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-20        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:28:37 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.71    | 10.93   | 3.29    | 6.98       | 54.82   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.28    | 0.29    | 0.28       | 1.43    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.18    | 0.09    | 0.19       | 57.14   | ppb   |
| Barium     | 135-1 | 1.42    | 1.33    | 1.20    | 1.32       | 8.42    | ppb   |
| Barium     | 137-1 | 1.30    | 1.24    | 1.22    | 1.25       | 3.64    | ppb   |
| Beryllium  | 9-1   | 0.36    | 0.27    | 0.27    | 0.30       | 17.06   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 3.18    | 2.90    | 3.38    | 3.15       | 7.65    | ppb   |
| Boron      | 11-1  | 3.27    | 2.91    | 3.14    | 3.11       | 5.83    | ppb   |
| Cadmium    | 111-1 | 0.24    | 0.20    | 0.16    | 0.20       | 19.04   | ppb   |
| Cadmium    | 106-1 | -0.87   | -0.88   | -0.70   | -0.82      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.35    | 0.43    | 0.30       | 51.75   | ppb   |
| Calcium    | 43-1  | 22.45   | 23.36   | 30.05   | 25.29      | 16.42   | ppb   |
| Calcium    | 44-1  | 34.15   | 33.93   | 32.11   | 33.40      | 3.36    | ppb   |
| Chromium   | 52-2  | 0.24    | 0.28    | 0.21    | 0.24       | 14.99   | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.31    | 0.27    | 0.29       | 6.45    | ppb   |
| Copper     | 63-2  | 0.53    | 0.58    | 0.51    | 0.54       | 6.34    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 14.66   | 14.63   | 13.98   | 14.42      | 2.68    | ppb   |
| Iron       | 57-2  | 15.17   | 15.03   | 14.23   | 14.81      | 3.43    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.27    | 0.27    | 0.30    | 0.28       | 5.93    | ppb   |
| Lead       | 207-1 | 0.26    | 0.27    | 0.28    | 0.27       | 2.88    | ppb   |
| Lead       | 208-1 | 0.27    | 0.28    | 0.27    | 0.27       | 1.98    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 19.09   | 23.85   | 24.94   | 22.63      | 13.74   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-20        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-20        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:28:37 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.63    | 0.54    | 0.52    | 0.56       | 10.28   | ppb   |
| Molybdenum | 94-1  | 1.38    | 1.20    | 1.25    | 1.27       | 7.54    | ppb   |
| Molybdenum | 95-1  | 1.40    | 1.18    | 1.33    | 1.30       | 8.38    | ppb   |
| Molybdenum | 96-1  | 1.30    | 1.28    | 1.32    | 1.30       | 1.86    | ppb   |
| Molybdenum | 97-1  | 1.40    | 1.29    | 1.44    | 1.38       | 5.61    | ppb   |
| Molybdenum | 98-1  | 1.22    | 1.23    | 1.34    | 1.26       | 5.24    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.24    | 0.29    | 0.31    | 0.28       | 13.37   | ppb   |
| Phosphorus | 31-2  | 15.14   | -16.99  | -0.81   | -0.89      |         | ppb   |
| Potassium  | 39-2  | 20.72   | 38.21   | -6.00   | 17.64      | 126.18  | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | -3.02   | -3.02   | 1.32    | -1.57      |         | ppb   |
| Selenium   | 78-2  | 3.20    | 1.92    | 3.26    | 2.79       | 26.95   | ppb   |
| Selenium   | 82-1  | 2.22    | 1.94    | 2.54    | 2.23       | 13.47   | ppb   |
| Silicon    | 28-1  | -8.97   | -9.08   | -8.14   | -8.73      |         | ppb   |
| Silver     | 109-1 | 0.30    | 0.27    | 0.27    | 0.28       | 5.35    | ppb   |
| Silver     | 107-1 | 0.29    | 0.28    | 0.27    | 0.28       | 4.14    | ppb   |
| Sodium     | 23-2  | 61.71   | 68.59   | 61.34   | 63.88      | 6.39    | ppb   |
| Strontium  | 86-1  | 0.28    | 0.24    | 0.33    | 0.29       | 16.04   | ppb   |
| Strontium  | 88-1  | 0.27    | 0.28    | 0.25    | 0.26       | 4.94    | ppb   |
| Sulfur     | 34-1  | -616.97 | -590.16 | -443.40 | -550.18    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.31    | 0.26    | 0.31    | 0.29       | 8.43    | ppb   |
| Thallium   | 205-1 | 0.32    | 0.31    | 0.30    | 0.31       | 4.44    | ppb   |
| Tin        | 118-1 | 0.24    | 0.30    | 0.34    | 0.29       | 17.72   | ppb   |
| Titanium   | 47-1  | 1.43    | 1.41    | 1.28    | 1.38       | 6.04    | ppb   |
| Uranium    | 238-1 | 0.25    | 0.26    | 0.24    | 0.25       | 3.58    | ppb   |
| Vanadium   | 51-2  | 0.21    | 0.23    | 0.25    | 0.23       | 9.81    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |
| Zinc       | 66-2  | 0.61    | 0.53    | 0.52    | 0.55       | 8.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-20        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-20        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:28:37 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.24    | 0.26    | 0.25    | 0.25       | 4.15    | ppb   |
| Zirconium | 91-1 | 0.23    | 0.25    | 0.20    | 0.23       | 12.15   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-21        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-21        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:31:57 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.20   | 8.50    | 1.00    | 3.10       | 151.93  | ppb   |
| Antimony   | 121-1 | 0.27    | 0.26    | 0.30    | 0.28       | 8.31    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.19    | 0.28    | 0.21       | 26.49   | ppb   |
| Barium     | 135-1 | 1.28    | 1.42    | 1.45    | 1.38       | 6.58    | ppb   |
| Barium     | 137-1 | 1.45    | 1.32    | 1.31    | 1.36       | 5.75    | ppb   |
| Beryllium  | 9-1   | 0.27    | 0.26    | 0.34    | 0.29       | 13.50   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 2.34    | 3.27    | 2.69    | 2.76       | 17.05   | ppb   |
| Boron      | 11-1  | 2.91    | 2.76    | 3.11    | 2.93       | 5.90    | ppb   |
| Cadmium    | 111-1 | 0.26    | 0.20    | 0.29    | 0.25       | 19.80   | ppb   |
| Cadmium    | 106-1 | -0.88   | -0.53   | 0.38    | -0.34      |         | ppb   |
| Cadmium    | 108-1 | 0.33    | 0.37    | 0.20    | 0.30       | 30.69   | ppb   |
| Calcium    | 43-1  | 25.48   | 8.55    | 24.98   | 19.67      | 48.99   | ppb   |
| Calcium    | 44-1  | 33.00   | 27.61   | 34.13   | 31.58      | 11.02   | ppb   |
| Chromium   | 52-2  | 0.24    | 0.25    | 0.13    | 0.20       | 33.18   | ppb   |
| Cobalt     | 59-2  | 0.34    | 0.31    | 0.29    | 0.31       | 8.86    | ppb   |
| Copper     | 63-2  | 0.60    | 0.65    | 0.56    | 0.60       | 7.58    | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 14.36   | 15.51   | 14.32   | 14.73      | 4.58    | ppb   |
| Iron       | 57-2  | 13.56   | 12.03   | 16.21   | 13.93      | 15.18   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.26    | 0.25    | 0.30    | 0.27       | 10.14   | ppb   |
| Lead       | 207-1 | 0.28    | 0.31    | 0.26    | 0.28       | 8.53    | ppb   |
| Lead       | 208-1 | 0.27    | 0.27    | 0.28    | 0.27       | 1.64    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 31.19   | 36.20   | 31.68   | 33.02      | 8.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-21        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-21        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:31:57 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.30    | 0.64     | 0.44    | 0.46       | 38.05   | ppb   |
| Molybdenum | 94-1  | 1.22    | 1.30     | 1.31    | 1.27       | 3.80    | ppb   |
| Molybdenum | 95-1  | 1.34    | 1.29     | 1.22    | 1.28       | 4.93    | ppb   |
| Molybdenum | 96-1  | 1.31    | 1.33     | 1.23    | 1.29       | 4.07    | ppb   |
| Molybdenum | 97-1  | 1.33    | 1.30     | 1.34    | 1.32       | 1.31    | ppb   |
| Molybdenum | 98-1  | 1.28    | 1.37     | 1.37    | 1.34       | 3.63    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.25     | 0.24    | 0.23       | 15.39   | ppb   |
| Phosphorus | 31-2  | -0.76   | -16.99   | -16.99  | -11.58     |         | ppb   |
| Potassium  | 39-2  | 32.33   | 32.05    | 22.20   | 28.86      | 19.99   | ppb   |
| Rhodium    | 103-1 |         |          |         | 102        |         | %     |
| Rhodium    | 103-2 |         |          |         | 102        |         | %     |
| Scandium   | 45-1  |         |          |         | 103        |         | %     |
| Scandium   | 45-2  |         |          |         | 104        |         | %     |
| Selenium   | 77-2  | 1.25    | 1.56     | 1.29    | 1.37       | 12.54   | ppb   |
| Selenium   | 78-2  | 3.88    | 2.75     | 1.12    | 2.58       | 53.67   | ppb   |
| Selenium   | 82-1  | 1.98    | 1.77     | 2.18    | 1.98       | 10.29   | ppb   |
| Silicon    | 28-1  | -8.08   | -13.10   | -8.19   | -9.79      |         | ppb   |
| Silver     | 109-1 | 0.36    | 0.30     | 0.29    | 0.32       | 11.91   | ppb   |
| Silver     | 107-1 | 0.30    | 0.27     | 0.28    | 0.28       | 5.80    | ppb   |
| Sodium     | 23-2  | 58.80   | 50.90    | 55.34   | 55.01      | 7.20    | ppb   |
| Strontium  | 86-1  | 0.29    | 0.23     | 0.29    | 0.27       | 12.84   | ppb   |
| Strontium  | 88-1  | 0.26    | 0.25     | 0.26    | 0.26       | 3.22    | ppb   |
| Sulfur     | 34-1  | -631.12 | -1208.25 | -450.34 | -763.24    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 100        |         | %     |
| Terbium    | 159-2 |         |          |         | 102        |         | %     |
| Thallium   | 203-1 | 0.32    | 0.31     | 0.31    | 0.32       | 1.79    | ppb   |
| Thallium   | 205-1 | 0.28    | 0.30     | 0.29    | 0.29       | 3.62    | ppb   |
| Tin        | 118-1 | 0.28    | 0.26     | 0.30    | 0.28       | 7.25    | ppb   |
| Titanium   | 47-1  | 1.53    | 1.32     | 1.37    | 1.41       | 7.82    | ppb   |
| Uranium    | 238-1 | 0.27    | 0.25     | 0.26    | 0.26       | 4.85    | ppb   |
| Vanadium   | 51-2  | 0.27    | 0.31     | 0.24    | 0.27       | 12.09   | ppb   |
| Yttrium    | 89-1  |         |          |         | 103        |         | %     |
| Yttrium    | 89-2  |         |          |         | 104        |         | %     |
| Zinc       | 66-2  | 0.66    | 0.70     | 0.55    | 0.64       | 11.91   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-21        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-21        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:31:57 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.25    | 0.23    | 0.25    | 0.24       | 4.79    | ppb   |
| Zirconium | 91-1 | 0.22    | 0.18    | 0.26    | 0.22       | 18.19   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-15         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-15         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:35:17 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.66    | 10.60   | 9.35    | 8.87       | 22.69   | ppb   |
| Antimony   | 121-1 | 0.31    | 0.25    | 0.28    | 0.28       | 10.74   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.35    | 0.16    | 0.27       | 36.20   | ppb   |
| Barium     | 135-1 | 1.47    | 1.41    | 1.32    | 1.40       | 5.18    | ppb   |
| Barium     | 137-1 | 1.59    | 1.36    | 1.42    | 1.46       | 8.37    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.27    | 0.37    | 0.30       | 22.67   | ppb   |
| Bismuth    | 209-1 |         |         |         | 96         |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 2.74    | 1.78    | 2.47    | 2.33       | 21.18   | ppb   |
| Boron      | 11-1  | 2.83    | 3.10    | 2.41    | 2.78       | 12.60   | ppb   |
| Cadmium    | 111-1 | 0.25    | 0.25    | 0.29    | 0.26       | 10.04   | ppb   |
| Cadmium    | 106-1 | -0.09   | -0.80   | -0.01   | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.35    | 0.22    | 0.23    | 0.27       | 27.59   | ppb   |
| Calcium    | 43-1  | 21.72   | 18.55   | 17.25   | 19.18      | 11.98   | ppb   |
| Calcium    | 44-1  | 45.87   | 30.64   | 30.19   | 35.57      | 25.09   | ppb   |
| Chromium   | 52-2  | 0.26    | 0.25    | 0.11    | 0.20       | 42.01   | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.29    | 0.21    | 0.26       | 15.48   | ppb   |
| Copper     | 63-2  | 0.60    | 0.61    | 0.49    | 0.56       | 12.02   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 14.35   | 15.25   | 14.98   | 14.86      | 3.09    | ppb   |
| Iron       | 57-2  | 16.51   | 16.47   | 16.01   | 16.33      | 1.71    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.23    | 0.29    | 0.26    | 0.26       | 11.61   | ppb   |
| Lead       | 207-1 | 0.32    | 0.24    | 0.26    | 0.27       | 15.65   | ppb   |
| Lead       | 208-1 | 0.29    | 0.26    | 0.27    | 0.27       | 5.92    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 31.34   | 28.18   | 28.01   | 29.17      | 6.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-15         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-15         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:35:17 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.49    | 0.51    | 0.34    | 0.45       | 20.65   | ppb   |
| Molybdenum | 94-1  | 1.36    | 1.27    | 1.28    | 1.30       | 3.65    | ppb   |
| Molybdenum | 95-1  | 1.44    | 1.25    | 1.39    | 1.36       | 7.22    | ppb   |
| Molybdenum | 96-1  | 1.39    | 1.29    | 1.41    | 1.36       | 4.71    | ppb   |
| Molybdenum | 97-1  | 1.40    | 1.25    | 1.32    | 1.32       | 5.58    | ppb   |
| Molybdenum | 98-1  | 1.46    | 1.28    | 1.40    | 1.38       | 6.34    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.36    | 0.34    | 0.25    | 0.32       | 19.64   | ppb   |
| Phosphorus | 31-2  | 15.00   | -16.99  | -0.53   | -0.84      |         | ppb   |
| Potassium  | 39-2  | 19.87   | 22.97   | 45.43   | 29.42      | 47.41   | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | -3.02   | 1.45    | -3.02   | -1.53      |         | ppb   |
| Selenium   | 78-2  | 3.92    | 0.47    | -0.98   | 1.13       | 221.68  | ppb   |
| Selenium   | 82-1  | 2.17    | 1.81    | 2.30    | 2.09       | 12.19   | ppb   |
| Silicon    | 28-1  | 2.53    | -10.73  | -9.23   | -5.81      |         | ppb   |
| Silver     | 109-1 | 0.31    | 0.27    | 0.26    | 0.28       | 8.66    | ppb   |
| Silver     | 107-1 | 0.32    | 0.27    | 0.28    | 0.29       | 8.86    | ppb   |
| Sodium     | 23-2  | 44.37   | 53.18   | 54.48   | 50.68      | 10.85   | ppb   |
| Strontium  | 86-1  | 0.27    | 0.27    | 0.29    | 0.28       | 4.65    | ppb   |
| Strontium  | 88-1  | 0.29    | 0.27    | 0.30    | 0.28       | 5.34    | ppb   |
| Sulfur     | 34-1  | 849.13  | -896.22 | -473.53 | -173.54    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.33    | 0.30    | 0.31    | 0.31       | 5.23    | ppb   |
| Thallium   | 205-1 | 0.33    | 0.29    | 0.31    | 0.31       | 7.70    | ppb   |
| Tin        | 118-1 | 0.32    | 0.29    | 0.31    | 0.31       | 4.48    | ppb   |
| Titanium   | 47-1  | 1.56    | 1.08    | 1.30    | 1.31       | 18.50   | ppb   |
| Uranium    | 238-1 | 0.30    | 0.25    | 0.28    | 0.27       | 8.50    | ppb   |
| Vanadium   | 51-2  | 0.23    | 0.28    | 0.29    | 0.27       | 11.94   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |
| Zinc       | 66-2  | 0.76    | 0.63    | 0.51    | 0.63       | 19.74   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-15         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-15         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:35:17 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.26    | 0.24    | 0.27    | 0.26       | 5.16    | ppb   |
| Zirconium | 91-1 | 0.27    | 0.23    | 0.26    | 0.26       | 7.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-16         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-16         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:38:36 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.76    | 3.76    | 11.53   | 7.68       | 50.62   | ppb   |
| Antimony   | 121-1 | 0.30    | 0.29    | 0.28    | 0.29       | 3.93    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.12    | 0.12    | 0.19       | 58.55   | ppb   |
| Barium     | 135-1 | 1.51    | 1.44    | 1.49    | 1.48       | 2.50    | ppb   |
| Barium     | 137-1 | 1.54    | 1.36    | 1.44    | 1.45       | 6.18    | ppb   |
| Beryllium  | 9-1   | 0.31    | 0.34    | 0.34    | 0.33       | 6.45    | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 3.13    | 2.66    | 1.49    | 2.42       | 34.68   | ppb   |
| Boron      | 11-1  | 2.50    | 2.48    | 2.53    | 2.50       | 0.94    | ppb   |
| Cadmium    | 111-1 | 0.23    | 0.20    | 0.17    | 0.20       | 14.58   | ppb   |
| Cadmium    | 106-1 | -0.31   | -0.47   | -1.03   | -0.60      |         | ppb   |
| Cadmium    | 108-1 | 0.42    | 0.44    | 0.16    | 0.34       | 45.16   | ppb   |
| Calcium    | 43-1  | 28.68   | 27.45   | 20.39   | 25.51      | 17.55   | ppb   |
| Calcium    | 44-1  | 35.17   | 32.66   | 34.25   | 34.03      | 3.72    | ppb   |
| Chromium   | 52-2  | 0.39    | 0.21    | 0.31    | 0.30       | 28.70   | ppb   |
| Cobalt     | 59-2  | 0.29    | 0.34    | 0.26    | 0.29       | 12.83   | ppb   |
| Copper     | 63-2  | 0.58    | 0.50    | 0.52    | 0.53       | 7.61    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 14.41   | 16.44   | 14.97   | 15.28      | 6.88    | ppb   |
| Iron       | 57-2  | 22.09   | 16.17   | 14.32   | 17.52      | 23.16   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.26    | 0.28    | 0.28    | 0.27       | 3.91    | ppb   |
| Lead       | 207-1 | 0.31    | 0.26    | 0.34    | 0.31       | 13.35   | ppb   |
| Lead       | 208-1 | 0.30    | 0.27    | 0.29    | 0.29       | 4.68    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 24.39   | 27.08   | 34.47   | 28.65      | 18.21   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-16         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-16         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:38:36 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.42    | 0.57    | 0.59    | 0.53       | 16.91   | ppb   |
| Molybdenum | 94-1  | 1.46    | 1.46    | 1.41    | 1.44       | 2.12    | ppb   |
| Molybdenum | 95-1  | 1.30    | 1.47    | 1.47    | 1.41       | 6.89    | ppb   |
| Molybdenum | 96-1  | 1.48    | 1.45    | 1.39    | 1.44       | 3.02    | ppb   |
| Molybdenum | 97-1  | 1.50    | 1.44    | 1.38    | 1.44       | 4.33    | ppb   |
| Molybdenum | 98-1  | 1.43    | 1.40    | 1.45    | 1.43       | 2.05    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.22    | 0.34    | 0.26    | 0.28       | 22.06   | ppb   |
| Phosphorus | 31-2  | -16.99  | 0.26    | -16.99  | -11.24     |         | ppb   |
| Potassium  | 39-2  | 15.94   | 26.18   | 22.27   | 21.46      | 24.06   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | -3.02   | 1.65    | -3.02   | -1.46      |         | ppb   |
| Selenium   | 78-2  | 2.49    | 4.33    | 3.96    | 3.60       | 27.02   | ppb   |
| Selenium   | 82-1  | 2.34    | 2.71    | 2.78    | 2.61       | 9.08    | ppb   |
| Silicon    | 28-1  | -6.44   | -11.70  | -8.09   | -8.74      |         | ppb   |
| Silver     | 109-1 | 0.34    | 0.30    | 0.33    | 0.33       | 7.03    | ppb   |
| Silver     | 107-1 | 0.32    | 0.28    | 0.30    | 0.30       | 6.99    | ppb   |
| Sodium     | 23-2  | 47.36   | 65.96   | 53.46   | 55.59      | 17.05   | ppb   |
| Strontium  | 86-1  | 0.25    | 0.27    | 0.28    | 0.26       | 5.72    | ppb   |
| Strontium  | 88-1  | 0.30    | 0.29    | 0.30    | 0.30       | 3.15    | ppb   |
| Sulfur     | 34-1  | -465.48 | -935.47 | -505.62 | -635.52    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.34    | 0.31    | 0.31    | 0.32       | 4.90    | ppb   |
| Thallium   | 205-1 | 0.31    | 0.31    | 0.33    | 0.32       | 3.30    | ppb   |
| Tin        | 118-1 | 0.30    | 0.32    | 0.35    | 0.32       | 8.98    | ppb   |
| Titanium   | 47-1  | 1.50    | 1.19    | 1.65    | 1.45       | 16.42   | ppb   |
| Uranium    | 238-1 | 0.29    | 0.27    | 0.27    | 0.28       | 3.69    | ppb   |
| Vanadium   | 51-2  | 0.31    | 0.32    | 0.28    | 0.30       | 8.16    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 0.49    | 0.45    | 0.30    | 0.41       | 24.52   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-16         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-16         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:38:36 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.27    | 0.22    | 0.27    | 0.25       | 10.21   | ppb   |
| Zirconium | 91-1 | 0.24    | 0.23    | 0.24    | 0.24       | 2.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-17         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-17         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:41:56 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.66    | 7.08    | 15.86   | 9.87       | 52.65   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.26    | 0.29    | 0.26       | 10.48   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.30    | 0.20    | 0.23       | 28.03   | ppb   |
| Barium     | 135-1 | 1.39    | 1.34    | 1.29    | 1.34       | 3.81    | ppb   |
| Barium     | 137-1 | 1.27    | 1.25    | 1.25    | 1.26       | 1.04    | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.26    | 0.30    | 0.27       | 7.74    | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 2.58    | 2.92    | 1.96    | 2.49       | 19.48   | ppb   |
| Boron      | 11-1  | 2.72    | 2.29    | 2.31    | 2.44       | 9.95    | ppb   |
| Cadmium    | 111-1 | 0.10    | 0.04    | 0.06    | 0.07       | 45.56   | ppb   |
| Cadmium    | 106-1 | -1.70   | -2.35   | -2.58   | -2.21      |         | ppb   |
| Cadmium    | 108-1 | 0.40    | 0.38    | 0.39    | 0.39       | 3.22    | ppb   |
| Calcium    | 43-1  | 27.07   | 27.12   | 25.89   | 26.69      | 2.62    | ppb   |
| Calcium    | 44-1  | 32.66   | 28.04   | 34.09   | 31.60      | 10.00   | ppb   |
| Chromium   | 52-2  | 0.15    | 0.34    | 0.27    | 0.26       | 38.13   | ppb   |
| Cobalt     | 59-2  | 0.26    | 0.26    | 0.28    | 0.27       | 4.22    | ppb   |
| Copper     | 63-2  | 0.55    | 0.54    | 0.60    | 0.56       | 5.52    | 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 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 14.30   | 14.05   | 13.08   | 13.81      | 4.68    | ppb   |
| Iron       | 57-2  | 8.67    | 15.45   | 10.08   | 11.40      | 31.37   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.24    | 0.24    | 0.29    | 0.26       | 11.45   | ppb   |
| Lead       | 207-1 | 0.28    | 0.25    | 0.25    | 0.26       | 7.03    | ppb   |
| Lead       | 208-1 | 0.27    | 0.25    | 0.26    | 0.26       | 4.24    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 23.82   | 28.59   | 29.36   | 27.26      | 11.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-17         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-17         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:41:56 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.49    | 0.53    | 0.51    | 0.51       | 3.74    | ppb   |
| Molybdenum | 94-1  | 1.31    | 1.29    | 1.34    | 1.31       | 1.77    | ppb   |
| Molybdenum | 95-1  | 1.29    | 1.32    | 1.28    | 1.30       | 1.55    | ppb   |
| Molybdenum | 96-1  | 1.34    | 1.19    | 1.32    | 1.28       | 6.26    | ppb   |
| Molybdenum | 97-1  | 1.25    | 1.26    | 1.28    | 1.26       | 1.08    | ppb   |
| Molybdenum | 98-1  | 1.28    | 1.26    | 1.28    | 1.27       | 0.79    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.24    | 0.22    | 0.21    | 0.22       | 6.90    | ppb   |
| Phosphorus | 31-2  | -1.00   | -16.99  | -1.02   | -6.34      |         | ppb   |
| Potassium  | 39-2  | 34.86   | 35.89   | 20.52   | 30.42      | 28.25   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | 1.24    | 1.37    | -3.02   | -0.14      |         | ppb   |
| Selenium   | 78-2  | 1.10    | 0.45    | 3.99    | 1.85       | 102.35  | ppb   |
| Selenium   | 82-1  | 1.97    | 1.90    | 2.55    | 2.14       | 16.80   | ppb   |
| Silicon    | 28-1  | -2.65   | -11.09  | -7.31   | -7.02      |         | ppb   |
| Silver     | 109-1 | 0.32    | 0.29    | 0.30    | 0.30       | 5.71    | ppb   |
| Silver     | 107-1 | 0.26    | 0.28    | 0.30    | 0.28       | 6.96    | ppb   |
| Sodium     | 23-2  | 47.04   | 51.20   | 57.25   | 51.83      | 9.90    | ppb   |
| Strontium  | 86-1  | 0.30    | 0.18    | 0.20    | 0.23       | 28.51   | ppb   |
| Strontium  | 88-1  | 0.30    | 0.26    | 0.28    | 0.28       | 6.34    | ppb   |
| Sulfur     | 34-1  | 14.49   | -822.77 | -401.42 | -403.24    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.31    | 0.26    | 0.30    | 0.29       | 9.73    | ppb   |
| Thallium   | 205-1 | 0.28    | 0.26    | 0.29    | 0.28       | 4.51    | ppb   |
| Tin        | 118-1 | 0.29    | 0.25    | 0.31    | 0.28       | 10.66   | ppb   |
| Titanium   | 47-1  | 1.33    | 1.28    | 1.43    | 1.35       | 5.39    | ppb   |
| Uranium    | 238-1 | 0.25    | 0.22    | 0.24    | 0.24       | 7.27    | ppb   |
| Vanadium   | 51-2  | 0.27    | 0.26    | 0.24    | 0.26       | 5.71    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 0.63    | 0.73    | 0.42    | 0.59       | 26.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-17         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-17         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:41:56 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.24    | 0.24    | 0.25    | 0.24       | 2.09    | ppb   |
| Zirconium | 91-1 | 0.21    | 0.24    | 0.22    | 0.22       | 6.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-18         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-18         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:45:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.33    | 3.44    | 4.45    | 4.07       | 13.53   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.25    | 0.27    | 0.27       | 4.04    | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.15    | 0.15    | 0.15       | 3.23    | ppb   |
| Barium     | 135-1 | 1.42    | 1.38    | 1.65    | 1.48       | 9.90    | ppb   |
| Barium     | 137-1 | 1.47    | 1.39    | 1.49    | 1.45       | 3.70    | ppb   |
| Beryllium  | 9-1   | 0.35    | 0.29    | 0.32    | 0.32       | 9.78    | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 2.42    | 2.66    | 1.84    | 2.31       | 18.37   | ppb   |
| Boron      | 11-1  | 2.23    | 2.11    | 1.99    | 2.11       | 5.69    | ppb   |
| Cadmium    | 111-1 | 0.21    | 0.29    | 0.24    | 0.24       | 16.45   | ppb   |
| Cadmium    | 106-1 | -0.55   | 0.90    | 0.01    | 0.12       | 603.40  | ppb   |
| Cadmium    | 108-1 | 0.29    | 0.35    | 0.24    | 0.29       | 19.29   | ppb   |
| Calcium    | 43-1  | 27.25   | 17.86   | 16.36   | 20.49      | 28.81   | ppb   |
| Calcium    | 44-1  | 33.08   | 33.16   | 35.43   | 33.89      | 3.94    | ppb   |
| Chromium   | 52-2  | 0.24    | 0.22    | 0.21    | 0.22       | 7.04    | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.32    | 0.26    | 0.28       | 11.18   | ppb   |
| Copper     | 63-2  | 0.58    | 0.56    | 0.58    | 0.57       | 1.98    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 14.36   | 15.19   | 14.95   | 14.83      | 2.89    | ppb   |
| Iron       | 57-2  | 15.72   | 20.13   | 15.66   | 17.17      | 14.95   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.27    | 0.27    | 0.28    | 0.27       | 0.70    | ppb   |
| Lead       | 207-1 | 0.28    | 0.29    | 0.34    | 0.30       | 11.25   | ppb   |
| Lead       | 208-1 | 0.29    | 0.29    | 0.29    | 0.29       | 0.24    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 33.83   | 29.64   | 29.09   | 30.85      | 8.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-18         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-18         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:45:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.44    | 0.61    | 0.56    | 0.54       | 16.84   | ppb   |
| Molybdenum | 94-1  | 1.30    | 1.32    | 1.42    | 1.35       | 4.76    | ppb   |
| Molybdenum | 95-1  | 1.25    | 1.41    | 1.35    | 1.34       | 6.20    | ppb   |
| Molybdenum | 96-1  | 1.40    | 1.35    | 1.38    | 1.38       | 1.97    | ppb   |
| Molybdenum | 97-1  | 1.33    | 1.42    | 1.45    | 1.40       | 4.61    | ppb   |
| Molybdenum | 98-1  | 1.34    | 1.35    | 1.41    | 1.37       | 2.86    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26    | 0.29    | 0.27    | 0.27       | 4.90    | ppb   |
| Phosphorus | 31-2  | 14.86   | 16.08   | 31.54   | 20.83      | 44.63   | ppb   |
| Potassium  | 39-2  | 15.21   | 24.11   | 14.27   | 17.87      | 30.39   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | -3.02   | 1.42    | -3.02   | -1.54      |         | ppb   |
| Selenium   | 78-2  | 1.81    | 3.35    | 1.10    | 2.08       | 55.29   | ppb   |
| Selenium   | 82-1  | 2.46    | 2.45    | 1.88    | 2.26       | 14.72   | ppb   |
| Silicon    | 28-1  | -7.32   | -11.66  | -2.77   | -7.25      |         | ppb   |
| Silver     | 109-1 | 0.29    | 0.31    | 0.32    | 0.31       | 5.37    | ppb   |
| Silver     | 107-1 | 0.29    | 0.27    | 0.31    | 0.29       | 8.37    | ppb   |
| Sodium     | 23-2  | 54.51   | 54.63   | 55.03   | 54.72      | 0.49    | ppb   |
| Strontium  | 86-1  | 0.29    | 0.26    | 0.26    | 0.27       | 7.70    | ppb   |
| Strontium  | 88-1  | 0.28    | 0.27    | 0.30    | 0.28       | 5.67    | ppb   |
| Sulfur     | 34-1  | -565.15 | -912.04 | 80.72   | -465.49    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.25    | 0.28    | 0.27    | 0.27       | 5.80    | ppb   |
| Thallium   | 205-1 | 0.30    | 0.30    | 0.33    | 0.31       | 6.05    | ppb   |
| Tin        | 118-1 | 0.30    | 0.29    | 0.29    | 0.29       | 1.44    | ppb   |
| Titanium   | 47-1  | 1.36    | 1.47    | 1.52    | 1.45       | 5.51    | ppb   |
| Uranium    | 238-1 | 0.25    | 0.25    | 0.28    | 0.26       | 7.94    | ppb   |
| Vanadium   | 51-2  | 0.26    | 0.26    | 0.31    | 0.28       | 9.29    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 0.58    | 0.72    | 0.77    | 0.69       | 14.58   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-18         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-18         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:45:17 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.26    | 0.24    | 0.29    | 0.26       | 9.04    | ppb   |
| Zirconium | 91-1 | 0.20    | 0.32    | 0.28    | 0.27       | 22.38   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-19         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-19         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:48:37 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.69    | -0.16   | 7.69    | 4.74       | 90.07   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.28    | 0.28    | 0.28       | 1.17    | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.18    | 0.16    | 0.16       | 8.80    | ppb   |
| Barium     | 135-1 | 1.32    | 1.63    | 1.64    | 1.53       | 11.78   | ppb   |
| Barium     | 137-1 | 1.41    | 1.46    | 1.54    | 1.47       | 4.28    | ppb   |
| Beryllium  | 9-1   | 0.32    | 0.29    | 0.30    | 0.30       | 4.95    | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 2.05    | 1.47    | 1.93    | 1.81       | 16.92   | ppb   |
| Boron      | 11-1  | 1.66    | 1.87    | 1.65    | 1.73       | 7.17    | ppb   |
| Cadmium    | 111-1 | 0.23    | 0.12    | 0.12    | 0.16       | 38.52   | ppb   |
| Cadmium    | 106-1 | -0.44   | -1.80   | -1.77   | -1.33      |         | ppb   |
| Cadmium    | 108-1 | 0.38    | 0.48    | 0.36    | 0.41       | 16.04   | ppb   |
| Calcium    | 43-1  | 33.16   | 24.86   | 21.92   | 26.64      | 21.88   | ppb   |
| Calcium    | 44-1  | 32.29   | 30.94   | 35.37   | 32.87      | 6.91    | ppb   |
| Chromium   | 52-2  | 0.18    | 0.22    | 0.23    | 0.21       | 12.06   | ppb   |
| Cobalt     | 59-2  | 0.31    | 0.29    | 0.25    | 0.28       | 10.70   | ppb   |
| Copper     | 63-2  | 0.60    | 0.58    | 0.56    | 0.58       | 3.55    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 15.35   | 15.77   | 14.65   | 15.26      | 3.71    | ppb   |
| Iron       | 57-2  | 18.35   | 11.19   | 15.58   | 15.04      | 24.00   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.25    | 0.33    | 0.31    | 0.30       | 13.44   | ppb   |
| Lead       | 207-1 | 0.30    | 0.27    | 0.30    | 0.29       | 5.10    | ppb   |
| Lead       | 208-1 | 0.28    | 0.29    | 0.31    | 0.29       | 5.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 27.06   | 31.88   | 26.35   | 28.43      | 10.58   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-19         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-19         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:48:37 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.54    | 0.65    | 0.61    | 0.60       | 8.92    | ppb   |
| Molybdenum | 94-1  | 1.50    | 1.39    | 1.54    | 1.48       | 5.36    | ppb   |
| Molybdenum | 95-1  | 1.50    | 1.43    | 1.52    | 1.48       | 3.27    | ppb   |
| Molybdenum | 96-1  | 1.52    | 1.34    | 1.41    | 1.42       | 6.26    | ppb   |
| Molybdenum | 97-1  | 1.46    | 1.41    | 1.50    | 1.45       | 3.06    | ppb   |
| Molybdenum | 98-1  | 1.38    | 1.46    | 1.53    | 1.46       | 5.30    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.27    | 0.20    | 0.24       | 13.85   | ppb   |
| Phosphorus | 31-2  | 15.08   | -16.99  | -1.18   | -1.03      |         | ppb   |
| Potassium  | 39-2  | 23.37   | 30.68   | 16.47   | 23.51      | 30.24   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | -3.02   | -3.02   | 1.27    | -1.59      |         | ppb   |
| Selenium   | 78-2  | 0.41    | 3.33    | -0.28   | 1.15       | 166.26  | ppb   |
| Selenium   | 82-1  | 2.53    | 2.34    | 2.78    | 2.55       | 8.66    | ppb   |
| Silicon    | 28-1  | -9.65   | -10.08  | -3.11   | -7.62      |         | ppb   |
| Silver     | 109-1 | 0.28    | 0.28    | 0.33    | 0.30       | 10.78   | ppb   |
| Silver     | 107-1 | 0.33    | 0.33    | 0.30    | 0.32       | 4.78    | ppb   |
| Sodium     | 23-2  | 55.04   | 58.87   | 58.35   | 57.42      | 3.62    | ppb   |
| Strontium  | 86-1  | 0.35    | 0.38    | 0.32    | 0.35       | 9.38    | ppb   |
| Strontium  | 88-1  | 0.28    | 0.29    | 0.28    | 0.28       | 2.94    | ppb   |
| Sulfur     | 34-1  | -805.24 | -803.91 | -25.21  | -544.79    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.30    | 0.32    | 0.34    | 0.32       | 7.26    | ppb   |
| Thallium   | 205-1 | 0.31    | 0.34    | 0.31    | 0.32       | 5.65    | ppb   |
| Tin        | 118-1 | 0.36    | 0.27    | 0.28    | 0.30       | 16.47   | ppb   |
| Titanium   | 47-1  | 1.54    | 1.50    | 1.19    | 1.41       | 13.49   | ppb   |
| Uranium    | 238-1 | 0.28    | 0.27    | 0.28    | 0.28       | 1.30    | ppb   |
| Vanadium   | 51-2  | 0.23    | 0.30    | 0.27    | 0.27       | 12.91   | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 0.56    | 0.90    | 0.64    | 0.70       | 25.45   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-19         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-19         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:48:37 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.28    | 0.24    | 0.30    | 0.27       | 9.96    | ppb   |
| Zirconium | 91-1 | 0.28    | 0.27    | 0.23    | 0.26       | 9.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-20         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-20         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:51:57 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.28    | 5.74    | 1.99    | 3.67       | 51.94   | ppb   |
| Antimony   | 121-1 | 0.29    | 0.28    | 0.28    | 0.29       | 0.32    | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.32    | 0.10    | 0.19       | 61.13   | ppb   |
| Barium     | 135-1 | 1.51    | 1.66    | 1.65    | 1.61       | 5.33    | ppb   |
| Barium     | 137-1 | 1.33    | 1.44    | 1.70    | 1.49       | 12.82   | ppb   |
| Beryllium  | 9-1   | 0.34    | 0.29    | 0.38    | 0.34       | 12.77   | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 2.01    | 2.50    | 1.40    | 1.97       | 28.13   | ppb   |
| Boron      | 11-1  | 1.71    | 1.67    | 2.05    | 1.81       | 11.53   | ppb   |
| Cadmium    | 111-1 | 0.28    | 0.18    | 0.21    | 0.23       | 22.58   | ppb   |
| Cadmium    | 106-1 | 0.13    | -0.96   | -0.92   | -0.58      |         | ppb   |
| Cadmium    | 108-1 | 0.58    | 0.41    | 0.30    | 0.43       | 33.50   | ppb   |
| Calcium    | 43-1  | 24.87   | 20.02   | 32.45   | 25.78      | 24.30   | ppb   |
| Calcium    | 44-1  | 34.07   | 30.15   | 35.06   | 33.10      | 7.84    | ppb   |
| Chromium   | 52-2  | 0.21    | 0.21    | 0.26    | 0.23       | 12.55   | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.36    | 0.32    | 0.33       | 9.41    | ppb   |
| Copper     | 63-2  | 0.58    | 0.59    | 0.61    | 0.59       | 2.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 15.40   | 18.03   | 14.94   | 16.12      | 10.33   | ppb   |
| Iron       | 57-2  | 13.84   | 22.13   | 11.00   | 15.66      | 36.93   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.29    | 0.26    | 0.29    | 0.28       | 6.00    | ppb   |
| Lead       | 207-1 | 0.26    | 0.28    | 0.29    | 0.28       | 5.19    | ppb   |
| Lead       | 208-1 | 0.28    | 0.28    | 0.28    | 0.28       | 1.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 30.02   | 38.53   | 30.42   | 32.99      | 14.55   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-20         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-20         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:51:57 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.70    | 0.63    | 0.72    | 0.68       | 6.42    | ppb   |
| Molybdenum | 94-1  | 1.48    | 1.33    | 1.41    | 1.41       | 5.36    | ppb   |
| Molybdenum | 95-1  | 1.48    | 1.49    | 1.35    | 1.44       | 5.33    | ppb   |
| Molybdenum | 96-1  | 1.50    | 1.36    | 1.45    | 1.44       | 4.65    | ppb   |
| Molybdenum | 97-1  | 1.59    | 1.47    | 1.47    | 1.51       | 4.26    | ppb   |
| Molybdenum | 98-1  | 1.44    | 1.47    | 1.44    | 1.45       | 1.05    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.22    | 0.33    | 0.27    | 0.27       | 19.54   | ppb   |
| Phosphorus | 31-2  | 47.64   | -0.60   | 14.64   | 20.56      | 119.94  | ppb   |
| Potassium  | 39-2  | 20.09   | 33.89   | 10.96   | 21.65      | 53.32   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | 5.60    | 5.67    | -3.02   | 2.75       | 181.68  | ppb   |
| Selenium   | 78-2  | 3.22    | 3.96    | 1.79    | 2.99       | 36.76   | ppb   |
| Selenium   | 82-1  | 3.05    | 2.69    | 2.01    | 2.58       | 20.37   | ppb   |
| Silicon    | 28-1  | -7.52   | -8.21   | -5.89   | -7.21      |         | ppb   |
| Silver     | 109-1 | 0.28    | 0.30    | 0.31    | 0.30       | 6.35    | ppb   |
| Silver     | 107-1 | 0.31    | 0.30    | 0.32    | 0.31       | 2.63    | ppb   |
| Sodium     | 23-2  | 52.65   | 55.06   | 64.14   | 57.28      | 10.58   | ppb   |
| Strontium  | 86-1  | 0.36    | 0.25    | 0.26    | 0.29       | 20.84   | ppb   |
| Strontium  | 88-1  | 0.32    | 0.27    | 0.30    | 0.30       | 7.05    | ppb   |
| Sulfur     | 34-1  | -349.37 | -682.26 | -211.41 | -414.34    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.27    | 0.29    | 0.32    | 0.29       | 9.55    | ppb   |
| Thallium   | 205-1 | 0.32    | 0.31    | 0.34    | 0.32       | 5.26    | ppb   |
| Tin        | 118-1 | 0.31    | 0.25    | 0.35    | 0.30       | 15.81   | ppb   |
| Titanium   | 47-1  | 1.38    | 1.49    | 1.30    | 1.39       | 7.10    | ppb   |
| Uranium    | 238-1 | 0.28    | 0.28    | 0.28    | 0.28       | 0.97    | ppb   |
| Vanadium   | 51-2  | 0.21    | 0.23    | 0.35    | 0.27       | 28.19   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 0.36    | 0.76    | 0.82    | 0.65       | 38.43   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-20         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-20         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:51:57 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.27    | 0.25    | 0.25    | 0.26       | 3.48    | ppb   |
| Zirconium | 91-1 | 0.25    | 0.21    | 0.30    | 0.25       | 19.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-21         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-21         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:55:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.89    | 3.52    | 12.25   | 5.88       | 94.67   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.26    | 0.28    | 0.27       | 5.48    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.18    | 0.18    | 0.13       | 76.39   | ppb   |
| Barium     | 135-1 | 1.40    | 1.40    | 1.32    | 1.37       | 3.32    | ppb   |
| Barium     | 137-1 | 1.39    | 1.30    | 1.32    | 1.34       | 3.48    | ppb   |
| Beryllium  | 9-1   | 0.32    | 0.26    | 0.27    | 0.28       | 12.58   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 1.75    | 2.21    | 1.94    | 1.97       | 11.90   | ppb   |
| Boron      | 11-1  | 1.56    | 1.65    | 1.74    | 1.65       | 5.31    | ppb   |
| Cadmium    | 111-1 | 0.12    | 0.14    | 0.30    | 0.19       | 51.98   | ppb   |
| Cadmium    | 106-1 | -1.97   | -1.15   | -0.54   | -1.22      |         | ppb   |
| Cadmium    | 108-1 | 0.54    | 0.61    | 0.32    | 0.49       | 30.65   | ppb   |
| Calcium    | 43-1  | 24.46   | 21.74   | 15.60   | 20.60      | 22.03   | ppb   |
| Calcium    | 44-1  | 29.23   | 29.15   | 29.10   | 29.16      | 0.23    | ppb   |
| Chromium   | 52-2  | 0.20    | 0.23    | 0.20    | 0.21       | 6.32    | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.30    | 0.30    | 0.30       | 0.66    | ppb   |
| Copper     | 63-2  | 0.50    | 0.51    | 0.56    | 0.53       | 6.09    | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 14.18   | 15.72   | 14.75   | 14.88      | 5.23    | ppb   |
| Iron       | 57-2  | 15.24   | 12.94   | 16.29   | 14.82      | 11.57   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.24    | 0.26    | 0.28    | 0.26       | 6.96    | ppb   |
| Lead       | 207-1 | 0.27    | 0.27    | 0.28    | 0.27       | 1.66    | ppb   |
| Lead       | 208-1 | 0.26    | 0.27    | 0.27    | 0.27       | 2.00    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 25.97   | 29.28   | 32.35   | 29.20      | 10.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-21         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-21         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:55:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.51    | 0.50    | 0.57    | 0.53       | 6.90    | ppb   |
| Molybdenum | 94-1  | 1.26    | 1.27    | 1.42    | 1.32       | 6.79    | ppb   |
| Molybdenum | 95-1  | 1.26    | 1.32    | 1.31    | 1.30       | 2.32    | ppb   |
| Molybdenum | 96-1  | 1.32    | 1.35    | 1.37    | 1.35       | 1.79    | ppb   |
| Molybdenum | 97-1  | 1.34    | 1.24    | 1.38    | 1.32       | 5.44    | ppb   |
| Molybdenum | 98-1  | 1.37    | 1.38    | 1.30    | 1.35       | 3.26    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.32    | 0.30    | 0.30    | 0.31       | 3.61    | ppb   |
| Phosphorus | 31-2  | 14.06   | -0.29   | -16.99  | -1.07      |         | ppb   |
| Potassium  | 39-2  | 10.97   | 24.83   | 5.07    | 13.62      | 74.49   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | -3.02   | 1.44    | -3.02   | -1.53      |         | ppb   |
| Selenium   | 78-2  | -0.98   | 1.20    | 0.37    | 0.19       | 566.09  | ppb   |
| Selenium   | 82-1  | 2.16    | 2.52    | 2.33    | 2.34       | 7.70    | ppb   |
| Silicon    | 28-1  | -10.56  | -11.40  | -10.43  | -10.80     |         | ppb   |
| Silver     | 109-1 | 0.30    | 0.27    | 0.32    | 0.30       | 8.82    | ppb   |
| Silver     | 107-1 | 0.26    | 0.27    | 0.27    | 0.27       | 1.38    | ppb   |
| Sodium     | 23-2  | 44.97   | 58.26   | 53.10   | 52.11      | 12.85   | ppb   |
| Strontium  | 86-1  | 0.28    | 0.31    | 0.35    | 0.31       | 12.38   | ppb   |
| Strontium  | 88-1  | 0.28    | 0.27    | 0.28    | 0.28       | 0.72    | ppb   |
| Sulfur     | 34-1  | -742.00 | -976.81 | -707.55 | -808.79    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.25    | 0.32    | 0.29    | 0.28       | 11.12   | ppb   |
| Thallium   | 205-1 | 0.28    | 0.28    | 0.30    | 0.29       | 3.17    | ppb   |
| Tin        | 118-1 | 0.24    | 0.30    | 0.26    | 0.27       | 9.87    | ppb   |
| Titanium   | 47-1  | 1.23    | 1.39    | 1.73    | 1.45       | 17.70   | ppb   |
| Uranium    | 238-1 | 0.26    | 0.26    | 0.27    | 0.26       | 3.41    | ppb   |
| Vanadium   | 51-2  | 0.23    | 0.23    | 0.21    | 0.22       | 6.36    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 107        |         | %     |
| Zinc       | 66-2  | 0.58    | 0.45    | 0.31    | 0.45       | 30.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-21         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-21         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:55:17 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.26    | 0.23    | 0.24    | 0.25       | 5.69    | ppb   |
| Zirconium | 91-1 | 0.27    | 0.22    | 0.24    | 0.25       | 10.11   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV097              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV097              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 18:11:30 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50132.51  | 49773.10  | 49821.80  | 49909.14   | 0.39    | ppb   |
| Antimony   | 121-1 | 482.83    | 483.59    | 478.79    | 481.74     | 0.54    | ppb   |
| Arsenic    | 75-2  | 481.43    | 478.79    | 484.15    | 481.46     | 0.56    | ppb   |
| Barium     | 135-1 | 2456.67   | 2477.64   | 2423.84   | 2452.72    | 1.11    | ppb   |
| Barium     | 137-1 | 2432.18   | 2464.45   | 2423.00   | 2439.88    | 0.89    | ppb   |
| Beryllium  | 9-1   | 504.69    | 500.45    | 497.70    | 500.95     | 0.70    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 103        |         | %     |
| Boron      | 10-1  | 487.03    | 502.06    | 511.26    | 500.12     | 2.45    | ppb   |
| Boron      | 11-1  | 491.02    | 499.47    | 512.16    | 500.88     | 2.12    | ppb   |
| Cadmium    | 111-1 | 465.19    | 467.58    | 463.66    | 465.48     | 0.42    | ppb   |
| Cadmium    | 106-1 | 464.76    | 462.44    | 472.17    | 466.46     | 1.09    | ppb   |
| Cadmium    | 108-1 | 463.85    | 469.58    | 483.62    | 472.35     | 2.15    | ppb   |
| Calcium    | 43-1  | 239631.41 | 236694.82 | 234921.92 | 237082.72  | 1.00    | ppb   |
| Calcium    | 44-1  | 238317.30 | 237744.96 | 235443.92 | 237168.73  | 0.64    | ppb   |
| Chromium   | 52-2  | 507.12    | 501.31    | 506.03    | 504.82     | 0.61    | ppb   |
| Cobalt     | 59-2  | 479.49    | 473.69    | 475.46    | 476.21     | 0.62    | ppb   |
| Copper     | 63-2  | 964.17    | 950.80    | 943.61    | 952.86     | 1.10    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 111        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 105        |         | %     |
| Iron       | 56-2  | 123927.43 | 122825.56 | 121940.80 | 122897.93  | 0.81    | ppb   |
| Iron       | 57-2  | 124604.91 | 123664.53 | 124799.47 | 124356.30  | 0.49    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 498.12    | 502.85    | 493.79    | 498.25     | 0.91    | ppb   |
| Lead       | 207-1 | 489.60    | 498.46    | 496.37    | 494.81     | 0.94    | ppb   |
| Lead       | 208-1 | 491.91    | 500.89    | 498.21    | 497.00     | 0.93    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 248349.23 | 247357.50 | 246326.04 | 247344.26  | 0.41    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV097              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV097              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 18:11:30 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 991.94    | 985.50    | 989.71    | 989.05     | 0.33    | ppb   |
| Molybdenum | 94-1  | 2444.13   | 2437.48   | 2452.00   | 2444.54    | 0.30    | ppb   |
| Molybdenum | 95-1  | 2471.49   | 2472.11   | 2447.15   | 2463.58    | 0.58    | ppb   |
| Molybdenum | 96-1  | 2467.78   | 2455.10   | 2453.88   | 2458.92    | 0.31    | ppb   |
| Molybdenum | 97-1  | 2450.64   | 2443.01   | 2452.16   | 2448.60    | 0.20    | ppb   |
| Molybdenum | 98-1  | 2472.85   | 2440.70   | 2420.09   | 2444.54    | 1.09    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.12    | 481.14    | 481.16    | 485.14     | 1.42    | ppb   |
| Phosphorus | 31-2  | 10008.74  | 9632.67   | 9915.60   | 9852.34    | 1.99    | ppb   |
| Potassium  | 39-2  | 125526.36 | 123637.76 | 124568.00 | 124577.37  | 0.76    | ppb   |
| Rhodium    | 103-1 |           |           |           | 101        |         | %     |
| Rhodium    | 103-2 |           |           |           | 102        |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 108        |         | %     |
| Selenium   | 77-2  | 479.45    | 515.89    | 415.92    | 470.42     | 10.75   | ppb   |
| Selenium   | 78-2  | 524.34    | 482.93    | 499.99    | 502.42     | 4.14    | ppb   |
| Selenium   | 82-1  | 482.51    | 475.71    | 479.02    | 479.08     | 0.71    | ppb   |
| Silicon    | 28-1  | 552.83    | 552.34    | 555.36    | 553.51     | 0.29    | ppb   |
| Silver     | 109-1 | 473.93    | 475.70    | 474.02    | 474.55     | 0.21    | ppb   |
| Silver     | 107-1 | 473.73    | 473.53    | 479.89    | 475.72     | 0.76    | ppb   |
| Sodium     | 23-2  | 249994.38 | 244408.96 | 248842.14 | 247748.49  | 1.19    | ppb   |
| Strontium  | 86-1  | 495.19    | 495.69    | 496.05    | 495.64     | 0.09    | ppb   |
| Strontium  | 88-1  | 496.95    | 499.48    | 505.41    | 500.61     | 0.87    | ppb   |
| Sulfur     | 34-1  | 10944.55  | 10539.25  | 10238.67  | 10574.16   | 3.35    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 109        |         | %     |
| Thallium   | 203-1 | 492.47    | 502.71    | 492.90    | 496.03     | 1.17    | ppb   |
| Thallium   | 205-1 | 486.44    | 497.38    | 493.08    | 492.30     | 1.12    | ppb   |
| Tin        | 118-1 | 480.65    | 485.79    | 478.52    | 481.65     | 0.78    | ppb   |
| Titanium   | 47-1  | 2498.31   | 2475.42   | 2458.81   | 2477.51    | 0.80    | ppb   |
| Uranium    | 238-1 | 500.02    | 499.51    | 495.41    | 498.31     | 0.51    | ppb   |
| Vanadium   | 51-2  | 491.22    | 487.30    | 488.63    | 489.05     | 0.41    | ppb   |
| Yttrium    | 89-1  |           |           |           | 106        |         | %     |
| Yttrium    | 89-2  |           |           |           | 108        |         | %     |
| Zinc       | 66-2  | 970.08    | 955.16    | 951.78    | 959.01     | 1.02    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV097              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV097              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 18:11:30 | DataFile Name :   | 036CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 497.53  | 491.20  | 490.91  | 493.21     | 0.76    | ppb   |
| Zirconium | 91-1 | 497.44  | 496.72  | 484.65  | 492.94     | 1.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB097              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB097              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 18:19:39 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.74    | -0.20   | 3.20    | 2.91       | 102.30  | ppb   |
| Antimony   | 121-1 | 0.25    | 0.22    | 0.21    | 0.23       | 10.29   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.03    | 0.03    | 0.02       | 85.22   | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 751.60  | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.05    | 0.01    | 0.03       | 62.36   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 3.44    | 4.33    | 2.76    | 3.51       | 22.44   | ppb   |
| Boron      | 11-1  | 3.91    | 4.41    | 3.38    | 3.90       | 13.16   | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.09   | -0.14   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.61   | -1.44   | -2.02   | -1.69      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.00    | 0.10    | 0.05       | 94.82   | ppb   |
| Calcium    | 43-1  | -5.54   | -2.11   | -4.46   | -4.04      |         | ppb   |
| Calcium    | 44-1  | 6.47    | 8.89    | 8.82    | 8.06       | 17.08   | ppb   |
| Chromium   | 52-2  | -0.12   | -0.03   | -0.05   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.02    | 0.00       | 373.75  | ppb   |
| Copper     | 63-2  | -0.04   | 0.02    | -0.02   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 1.35    | 1.46    | 1.69    | 1.50       | 11.64   | ppb   |
| Iron       | 57-2  | 0.58    | 0.17    | 1.54    | 0.76       | 92.14   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01    | 0.01    | 0.03    | 0.02       | 80.73   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.03    | 0.03       | 32.10   | ppb   |
| Lead       | 208-1 | 0.01    | 0.02    | 0.03    | 0.02       | 34.96   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 2.74    | 2.39    | 1.26    | 2.13       | 36.13   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB097              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB097              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 18:19:39 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.03     | -0.03    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.20     | 0.21     | 0.18    | 0.20       | 9.13    | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.17     | 0.15    | 0.14       | 20.91   | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.17     | 0.16    | 0.16       | 7.06    | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.12     | 0.20    | 0.16       | 25.66   | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.16     | 0.18    | 0.17       | 5.42    | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.03    | -0.04   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -0.61    | -16.99   | 14.95   | -0.88      |         | ppb   |
| Potassium  | 39-2  | 18.05    | 24.78    | -2.64   | 13.40      | 106.66  | ppb   |
| Rhodium    | 103-1 |          |          |         | 104        |         | %     |
| Rhodium    | 103-2 |          |          |         | 105        |         | %     |
| Scandium   | 45-1  |          |          |         | 103        |         | %     |
| Scandium   | 45-2  |          |          |         | 106        |         | %     |
| Selenium   | 77-2  | -3.02    | 1.27     | -3.02   | -1.59      |         | ppb   |
| Selenium   | 78-2  | -0.98    | -0.28    | -0.98   | -0.75      |         | ppb   |
| Selenium   | 82-1  | 0.57     | -0.04    | -0.33   | 0.07       | 692.38  | ppb   |
| Silicon    | 28-1  | -11.92   | -9.39    | -9.16   | -10.16     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.03    | 0.02       | 13.45   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02    | 0.02       | 11.44   | ppb   |
| Sodium     | 23-2  | 45.13    | 40.44    | 40.79   | 42.12      | 6.20    | ppb   |
| Strontium  | 86-1  | -0.01    | -0.07    | 0.01    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00    | 0.00       | 53.29   | ppb   |
| Sulfur     | 34-1  | -1308.22 | -1123.23 | -739.22 | -1056.89   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 103        |         | %     |
| Terbium    | 159-2 |          |          |         | 105        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.04     | 0.06    | 0.05       | 24.71   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.06     | 0.06    | 0.06       | 2.69    | ppb   |
| Tin        | 118-1 | 0.06     | 0.06     | 0.09    | 0.07       | 22.09   | ppb   |
| Titanium   | 47-1  | -0.01    | 0.02     | 0.07    | 0.02       | 168.75  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       | 79.09   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.00     | 0.02    | 0.01       | 96.75   | ppb   |
| Yttrium    | 89-1  |          |          |         | 104        |         | %     |
| Yttrium    | 89-2  |          |          |         | 107        |         | %     |
| Zinc       | 66-2  | 0.05     | -0.05    | -0.03   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB097              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB097              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 18:19:39 | DataFile Name :   | 037CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.05    | 0.06    | 0.05       | 8.29    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.08    | 0.05    | 0.06       | 35.05   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 15:57:22 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17       | 25       | 33       | 25       | 33.32  | cps   |
| Antimony   | 121-1 | 117      | 125      | 100      | 114      | 11.18  | cps   |
| Arsenic    | 75-2  | 7        | 6        | 13       | 9        | 44.56  | cps   |
| Barium     | 135-1 | 25       | 50       | 42       | 39       | 32.73  | cps   |
| Barium     | 137-1 | 117      | 100      | 92       | 103      | 12.39  | cps   |
| Beryllium  | 9-1   | 22       | 11       | 50       | 28       | 72.12  | cps   |
| Bismuth    | 209-1 | 8005172  | 7911665  | 8113065  | 8009967  | 1.26   | cps   |
| Bismuth    | 209-2 | 2203027  | 2244419  | 2182219  | 2209888  | 1.43   | cps   |
| Boron      | 10-1  | 100      | 133      | 100      | 111      | 17.32  | cps   |
| Boron      | 11-1  | 375      | 358      | 542      | 425      | 23.85  | cps   |
| Cadmium    | 111-1 | 1966     | 1861     | 1664     | 1830     | 8.37   | cps   |
| Cadmium    | 106-1 | 2817     | 2650     | 2342     | 2603     | 9.26   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 0        | 4        | 99.96  | cps   |
| Calcium    | 43-1  | 917      | 708      | 808      | 811      | 12.85  | cps   |
| Calcium    | 44-1  | 24556    | 23446    | 23679    | 23894    | 2.45   | cps   |
| Chromium   | 52-2  | 740      | 737      | 673      | 717      | 5.24   | cps   |
| Cobalt     | 59-2  | 53       | 77       | 103      | 78       | 32.17  | cps   |
| Copper     | 63-2  | 367      | 387      | 420      | 391      | 6.89   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 3        | 13       | 3        | 7        | 86.65  | cps   |
| Erbium     | 164-1 | 50       | 33       | 58       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 7        | 7        | 17       | 10       | 57.72  | cps   |
| Gadolinium | 160-1 | 100      | 50       | 117      | 89       | 39.03  | cps   |
| Gadolinium | 160-2 | 27       | 13       | 7        | 16       | 65.47  | cps   |
| Holmium    | 165-1 | 13343433 | 12637580 | 13429077 | 13136697 | 3.31   | cps   |
| Holmium    | 165-2 | 2875351  | 2970332  | 2922662  | 2922781  | 1.62   | cps   |
| Indium     | 115-1 | 11631977 | 11188443 | 11758362 | 11526261 | 2.60   | cps   |
| Indium     | 115-2 | 527913   | 529305   | 521040   | 526086   | 0.84   | cps   |
| Iron       | 56-2  | 1589     | 1661     | 1561     | 1604     | 3.22   | cps   |
| Iron       | 57-2  | 72       | 33       | 44       | 50       | 40.06  | cps   |
| Krypton    | 83-1  | 430      | 453      | 430      | 438      | 3.08   | cps   |
| Lead       | 206-1 | 217      | 206      | 233      | 219      | 6.40   | cps   |
| Lead       | 207-1 | 150      | 178      | 167      | 165      | 8.48   | cps   |
| Lead       | 208-1 | 694      | 794      | 844      | 778      | 9.82   | cps   |
| Lithium    | 6-1   | 2000128  | 1959140  | 2039865  | 1999711  | 2.02   | cps   |
| Magnesium  | 24-2  | 217      | 225      | 275      | 239      | 13.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 15:57:22 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 27       | 43       | 30       | 33       | 26.45   | cps   |
| Molybdenum | 94-1  | 325      | 392      | 317      | 344      | 11.93   | cps   |
| Molybdenum | 95-1  | 192      | 83       | 142      | 139      | 39.04   | cps   |
| Molybdenum | 96-1  | 183      | 233      | 175      | 197      | 16.00   | cps   |
| Molybdenum | 97-1  | 58       | 50       | 67       | 58       | 14.29   | cps   |
| Molybdenum | 98-1  | 117      | 192      | 175      | 161      | 24.45   | cps   |
| Neodymium  | 150-1 | 27       | 0        | 7        | 11       | 124.89  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 60       | 23       | 60       | 48       | 44.31   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 0        | 11       | 86.60   | cps   |
| Potassium  | 39-2  | 3142     | 3117     | 3042     | 3100     | 1.68    | cps   |
| Rhodium    | 103-1 | 11124751 | 10579851 | 11255917 | 10986839 | 3.26    | cps   |
| Rhodium    | 103-2 | 3055858  | 3062026  | 3038420  | 3052101  | 0.40    | cps   |
| Scandium   | 45-1  | 7305282  | 7004809  | 7387442  | 7232511  | 2.79    | cps   |
| Scandium   | 45-2  | 64575    | 65664    | 64388    | 64876    | 1.06    | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 4        | 4        | 0        | 2        | 86.60   | cps   |
| Selenium   | 82-1  | -23      | -57      | 19       | -20      | -190.53 | cps   |
| Silicon    | 28-1  | 441705   | 441654   | 438477   | 440612   | 0.42    | cps   |
| Silver     | 109-1 | 33       | 42       | 42       | 39       | 12.37   | cps   |
| Silver     | 107-1 | 50       | 83       | 133      | 89       | 47.19   | cps   |
| Sodium     | 23-2  | 7060     | 7261     | 7336     | 7219     | 1.97    | cps   |
| Strontium  | 86-1  | 642      | 525      | 808      | 658      | 21.63   | cps   |
| Strontium  | 88-1  | 108      | 125      | 142      | 125      | 13.33   | cps   |
| Sulfur     | 34-1  | 444323   | 441957   | 444826   | 443702   | 0.35    | cps   |
| Terbium    | 159-1 | 13882376 | 13356957 | 13930777 | 13723370 | 2.32    | cps   |
| Terbium    | 159-2 | 2842507  | 2935280  | 2870195  | 2882661  | 1.65    | cps   |
| Thallium   | 203-1 | 75       | 75       | 83       | 78       | 6.19    | cps   |
| Thallium   | 205-1 | 208      | 192      | 167      | 189      | 11.10   | cps   |
| Tin        | 118-1 | 700      | 558      | 533      | 597      | 15.05   | cps   |
| Titanium   | 47-1  | 217      | 183      | 133      | 178      | 23.59   | cps   |
| Uranium    | 238-1 | 83       | 50       | 75       | 69       | 24.98   | cps   |
| Vanadium   | 51-2  | 10       | 13       | 20       | 14       | 35.26   | cps   |
| Yttrium    | 89-1  | 12669784 | 12059080 | 12527734 | 12418866 | 2.57    | cps   |
| Yttrium    | 89-2  | 408719   | 408346   | 402228   | 406431   | 0.90    | cps   |
| Zinc       | 66-2  | 30       | 17       | 20       | 22       | 31.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 15:57:22 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 775  | 825  | 683  | 761     | 9.44   | cps   |
| Zirconium | 91-1 | 142  | 158  | 192  | 164     | 15.54  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:05:02 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 175      | 117      | 142      | 144      | 20.26  | cps   |
| Antimony   | 121-1 | 15243    | 15251    | 15935    | 15476    | 2.57   | cps   |
| Arsenic    | 75-2  | 107      | 89       | 102      | 99       | 9.56   | cps   |
| Barium     | 135-1 | 15693    | 15201    | 14984    | 15293    | 2.38   | cps   |
| Barium     | 137-1 | 26052    | 27388    | 26670    | 26703    | 2.50   | cps   |
| Beryllium  | 9-1   | 1317     | 1222     | 1228     | 1256     | 4.22   | cps   |
| Bismuth    | 209-1 | 7838439  | 7707164  | 7985334  | 7843646  | 1.77   | cps   |
| Bismuth    | 209-2 | 2245915  | 2228341  | 2165805  | 2213354  | 1.90   | cps   |
| Boron      | 10-1  | 3251     | 3801     | 3451     | 3501     | 7.95   | cps   |
| Boron      | 11-1  | 14241    | 15325    | 15492    | 15020    | 4.52   | cps   |
| Cadmium    | 111-1 | 3588     | 3301     | 3391     | 3427     | 4.28   | cps   |
| Cadmium    | 106-1 | 2950     | 2517     | 2525     | 2664     | 9.30   | cps   |
| Cadmium    | 108-1 | 158      | 171      | 92       | 140      | 30.34  | cps   |
| Calcium    | 43-1  | 9454     | 9629     | 9937     | 9673     | 2.53   | cps   |
| Calcium    | 44-1  | 172095   | 171942   | 173309   | 172449   | 0.43   | cps   |
| Chromium   | 52-2  | 2654     | 2594     | 2494     | 2580     | 3.13   | cps   |
| Cobalt     | 59-2  | 1877     | 1780     | 1813     | 1823     | 2.69   | cps   |
| Copper     | 63-2  | 3284     | 3564     | 3487     | 3445     | 4.20   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 0        | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 58       | 67       | 33       | 53       | 32.88  | cps   |
| Erbium     | 164-2 | 17       | 17       | 13       | 16       | 12.40  | cps   |
| Gadolinium | 160-1 | 75       | 108      | 83       | 89       | 19.52  | cps   |
| Gadolinium | 160-2 | 17       | 7        | 17       | 13       | 43.29  | cps   |
| Holmium    | 165-1 | 12944129 | 12725243 | 13131229 | 12933534 | 1.57   | cps   |
| Holmium    | 165-2 | 2999996  | 2998839  | 2887083  | 2961973  | 2.19   | cps   |
| Indium     | 115-1 | 11248015 | 10977140 | 11477205 | 11234120 | 2.23   | cps   |
| Indium     | 115-2 | 529852   | 534094   | 513171   | 525706   | 2.10   | cps   |
| Iron       | 56-2  | 30061    | 30072    | 29493    | 29875    | 1.11   | cps   |
| Iron       | 57-2  | 772      | 767      | 733      | 757      | 2.78   | cps   |
| Krypton    | 83-1  | 423      | 403      | 440      | 422      | 4.35   | cps   |
| Lead       | 206-1 | 4368     | 4762     | 4545     | 4558     | 4.34   | cps   |
| Lead       | 207-1 | 4067     | 4295     | 4112     | 4158     | 2.90   | cps   |
| Lead       | 208-1 | 18145    | 18789    | 18089    | 18341    | 2.12   | cps   |
| Lithium    | 6-1   | 2010378  | 1931916  | 2045280  | 1995858  | 2.91   | cps   |
| Magnesium  | 24-2  | 16427    | 16894    | 16293    | 16538    | 1.91   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:05:02 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 320      | 293      | 280      | 298      | 6.84   | cps   |
| Molybdenum | 94-1  | 13299    | 13683    | 13899    | 13627    | 2.23   | cps   |
| Molybdenum | 95-1  | 16152    | 16686    | 15927    | 16255    | 2.40   | cps   |
| Molybdenum | 96-1  | 18822    | 18205    | 18296    | 18441    | 1.81   | cps   |
| Molybdenum | 97-1  | 9946     | 10396    | 10321    | 10221    | 2.36   | cps   |
| Molybdenum | 98-1  | 26527    | 27170    | 25959    | 26552    | 2.28   | cps   |
| Neodymium  | 150-1 | 20       | 13       | 7        | 13       | 49.99  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 623      | 617      | 587      | 609      | 3.21   | cps   |
| Phosphorus | 31-2  | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Potassium  | 39-2  | 12573    | 11839    | 12373    | 12261    | 3.09   | cps   |
| Rhodium    | 103-1 | 10919959 | 10649788 | 11195377 | 10921708 | 2.50   | cps   |
| Rhodium    | 103-2 | 3069996  | 3068844  | 2985211  | 3041351  | 1.60   | cps   |
| Scandium   | 45-1  | 7183289  | 7021672  | 7322739  | 7175900  | 2.10   | cps   |
| Scandium   | 45-2  | 65857    | 66263    | 64505    | 65542    | 1.40   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 7        | 15       | 15       | 12       | 34.61  | cps   |
| Selenium   | 82-1  | 595      | 642      | 483      | 574      | 14.23  | cps   |
| Silicon    | 28-1  | 501970   | 501233   | 499261   | 500822   | 0.28   | cps   |
| Silver     | 109-1 | 8086     | 8078     | 8086     | 8083     | 0.06   | cps   |
| Silver     | 107-1 | 8178     | 8595     | 8603     | 8459     | 2.87   | cps   |
| Sodium     | 23-2  | 45591    | 44872    | 45616    | 45360    | 0.93   | cps   |
| Strontium  | 86-1  | 2800     | 2592     | 2725     | 2706     | 3.90   | cps   |
| Strontium  | 88-1  | 19440    | 18705    | 18171    | 18772    | 3.39   | cps   |
| Sulfur     | 34-1  | 444687   | 448722   | 448807   | 447405   | 0.53   | cps   |
| Terbium    | 159-1 | 13392757 | 13177698 | 13806069 | 13458842 | 2.37   | cps   |
| Terbium    | 159-2 | 2938479  | 2911839  | 2833511  | 2894610  | 1.89   | cps   |
| Thallium   | 203-1 | 5410     | 5693     | 5243     | 5449     | 4.18   | cps   |
| Thallium   | 205-1 | 13299    | 13032    | 13616    | 13316    | 2.20   | cps   |
| Tin        | 118-1 | 26068    | 26068    | 27296    | 26477    | 2.68   | cps   |
| Titanium   | 47-1  | 5001     | 5009     | 4534     | 4848     | 5.61   | cps   |
| Uranium    | 238-1 | 15477    | 15869    | 15777    | 15708    | 1.31   | cps   |
| Vanadium   | 51-2  | 3037     | 2880     | 3120     | 3013     | 4.05   | cps   |
| Yttrium    | 89-1  | 12261935 | 11937681 | 12656171 | 12285262 | 2.93   | cps   |
| Yttrium    | 89-2  | 412546   | 416858   | 399548   | 409651   | 2.20   | cps   |
| Zinc       | 66-2  | 283      | 347      | 307      | 312      | 10.26  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:05:02 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 12273 | 12081 | 11580 | 11978   | 2.98   | cps   |
| Zirconium | 91-1 | 2575  | 2767  | 2817  | 2720    | 4.69   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:08:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7227     | 7136     | 7119     | 7160     | 0.81   | cps   |
| Antimony   | 121-1 | 405518   | 407497   | 411017   | 408011   | 0.68   | cps   |
| Arsenic    | 75-2  | 5081     | 5058     | 5047     | 5062     | 0.34   | cps   |
| Barium     | 135-1 | 406684   | 407877   | 408729   | 407763   | 0.25   | cps   |
| Barium     | 137-1 | 713030   | 714857   | 714636   | 714174   | 0.14   | cps   |
| Beryllium  | 9-1   | 61504    | 62140    | 61761    | 61802    | 0.52   | cps   |
| Bismuth    | 209-1 | 7888983  | 8022614  | 7980352  | 7963983  | 0.86   | cps   |
| Bismuth    | 209-2 | 2083732  | 2173190  | 2167175  | 2141366  | 2.34   | cps   |
| Boron      | 10-1  | 6994     | 7135     | 7144     | 7091     | 1.19   | cps   |
| Boron      | 11-1  | 31987    | 32747    | 33515    | 32749    | 2.33   | cps   |
| Cadmium    | 111-1 | 91240    | 92058    | 92705    | 92001    | 0.80   | cps   |
| Cadmium    | 106-1 | 11597    | 11747    | 12298    | 11881    | 3.10   | cps   |
| Cadmium    | 108-1 | 6427     | 6593     | 6377     | 6466     | 1.76   | cps   |
| Calcium    | 43-1  | 100282   | 100484   | 101271   | 100679   | 0.52   | cps   |
| Calcium    | 44-1  | 1686343  | 1692936  | 1676518  | 1685266  | 0.49   | cps   |
| Chromium   | 52-2  | 45956    | 46036    | 45758    | 45916    | 0.31   | cps   |
| Cobalt     | 59-2  | 94934    | 94306    | 94461    | 94567    | 0.35   | cps   |
| Copper     | 63-2  | 162578   | 160272   | 163162   | 162004   | 0.94   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 50       | 50       | 44       | 21.64  | cps   |
| Erbium     | 164-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 42       | 75       | 75       | 64       | 30.12  | cps   |
| Gadolinium | 160-2 | 10       | 7        | 17       | 11       | 45.82  | cps   |
| Holmium    | 165-1 | 12797079 | 13464585 | 13104289 | 13121984 | 2.55   | cps   |
| Holmium    | 165-2 | 2811849  | 2931660  | 2934738  | 2892749  | 2.42   | cps   |
| Indium     | 115-1 | 11175883 | 11546275 | 11443948 | 11388702 | 1.68   | cps   |
| Indium     | 115-2 | 496230   | 517788   | 517528   | 510515   | 2.42   | cps   |
| Iron       | 56-2  | 1569288  | 1536580  | 1542917  | 1549595  | 1.12   | cps   |
| Iron       | 57-2  | 38665    | 37746    | 38030    | 38147    | 1.23   | cps   |
| Krypton    | 83-1  | 417      | 353      | 427      | 399      | 9.97   | cps   |
| Lead       | 206-1 | 224995   | 223646   | 225081   | 224574   | 0.36   | cps   |
| Lead       | 207-1 | 202840   | 204237   | 205178   | 204085   | 0.58   | cps   |
| Lead       | 208-1 | 922350   | 916203   | 923469   | 920674   | 0.42   | cps   |
| Lithium    | 6-1   | 1965787  | 2042659  | 2007706  | 2005384  | 1.92   | cps   |
| Magnesium  | 24-2  | 172298   | 171290   | 173033   | 172207   | 0.51   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:08:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 25974    | 25544    | 25701    | 25740    | 0.85   | cps   |
| Molybdenum | 94-1  | 715194   | 720776   | 714839   | 716937   | 0.46   | cps   |
| Molybdenum | 95-1  | 866147   | 870304   | 876728   | 871060   | 0.61   | cps   |
| Molybdenum | 96-1  | 975682   | 967507   | 974300   | 972496   | 0.45   | cps   |
| Molybdenum | 97-1  | 544047   | 546310   | 549374   | 546577   | 0.49   | cps   |
| Molybdenum | 98-1  | 1399925  | 1418054  | 1407104  | 1408361  | 0.65   | cps   |
| Neodymium  | 150-1 | 40       | 47       | 13       | 33       | 52.92  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 28122    | 28155    | 27965    | 28081    | 0.36   | cps   |
| Phosphorus | 31-2  | 633      | 400      | 408      | 481      | 27.55  | cps   |
| Potassium  | 39-2  | 50090    | 51370    | 49705    | 50388    | 1.73   | cps   |
| Rhodium    | 103-1 | 10696120 | 11186054 | 11093872 | 10992015 | 2.37   | cps   |
| Rhodium    | 103-2 | 2842925  | 2972397  | 2985724  | 2933682  | 2.69   | cps   |
| Scandium   | 45-1  | 7098087  | 7313531  | 7204842  | 7205486  | 1.50   | cps   |
| Scandium   | 45-2  | 61677    | 64847    | 64150    | 63558    | 2.62   | cps   |
| Selenium   | 77-2  | 67       | 37       | 37       | 47       | 37.11  | cps   |
| Selenium   | 78-2  | 130      | 130      | 100      | 120      | 14.29  | cps   |
| Selenium   | 82-1  | 5843     | 5905     | 5793     | 5847     | 0.96   | cps   |
| Silicon    | 28-1  | 663713   | 669221   | 662177   | 665037   | 0.56   | cps   |
| Silver     | 109-1 | 427844   | 422009   | 425666   | 425173   | 0.69   | cps   |
| Silver     | 107-1 | 446373   | 452098   | 451999   | 450157   | 0.73   | cps   |
| Sodium     | 23-2  | 414026   | 411291   | 414545   | 413287   | 0.42   | cps   |
| Strontium  | 86-1  | 115519   | 116058   | 113007   | 114861   | 1.42   | cps   |
| Strontium  | 88-1  | 981688   | 994472   | 986707   | 987622   | 0.65   | cps   |
| Sulfur     | 34-1  | 476116   | 476612   | 479996   | 477575   | 0.44   | cps   |
| Terbium    | 159-1 | 13468879 | 14101299 | 13753790 | 13774656 | 2.30   | cps   |
| Terbium    | 159-2 | 2709328  | 2871631  | 2805212  | 2795390  | 2.92   | cps   |
| Thallium   | 203-1 | 281379   | 278652   | 280928   | 280320   | 0.52   | cps   |
| Thallium   | 205-1 | 673379   | 667694   | 671331   | 670801   | 0.43   | cps   |
| Tin        | 118-1 | 283401   | 284469   | 284484   | 284118   | 0.22   | cps   |
| Titanium   | 47-1  | 246634   | 245501   | 247050   | 246395   | 0.33   | cps   |
| Uranium    | 238-1 | 830587   | 816000   | 832911   | 826499   | 1.11   | cps   |
| Vanadium   | 51-2  | 33183    | 32578    | 32645    | 32802    | 1.01   | cps   |
| Yttrium    | 89-1  | 12140678 | 12738987 | 12505209 | 12461625 | 2.42   | cps   |
| Yttrium    | 89-2  | 382501   | 406349   | 401982   | 396944   | 3.20   | cps   |
| Zinc       | 66-2  | 14872    | 14328    | 14538    | 14579    | 1.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:08:44 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 598932 | 611301 | 606347 | 605527  | 1.03   | cps   |
| Zirconium | 91-1 | 133038 | 132944 | 131017 | 132333  | 0.86   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:12:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17645    | 17353    | 17111    | 17370    | 1.54   | cps   |
| Antimony   | 121-1 | 1023192  | 1042958  | 1035330  | 1033827  | 0.96   | cps   |
| Arsenic    | 75-2  | 12626    | 12986    | 12539    | 12717    | 1.86   | cps   |
| Barium     | 135-1 | 1029731  | 1035525  | 1019491  | 1028249  | 0.79   | cps   |
| Barium     | 137-1 | 1825071  | 1828393  | 1801221  | 1818228  | 0.82   | cps   |
| Beryllium  | 9-1   | 151410   | 153376   | 152219   | 152335   | 0.65   | cps   |
| Bismuth    | 209-1 | 7875249  | 7751971  | 7966829  | 7864683  | 1.37   | cps   |
| Bismuth    | 209-2 | 1951035  | 2124264  | 2209951  | 2095083  | 6.30   | cps   |
| Boron      | 10-1  | 17478    | 17537    | 17319    | 17445    | 0.64   | cps   |
| Boron      | 11-1  | 79177    | 80929    | 82655    | 80920    | 2.15   | cps   |
| Cadmium    | 111-1 | 228474   | 233841   | 231684   | 231333   | 1.17   | cps   |
| Cadmium    | 106-1 | 26869    | 26936    | 26168    | 26658    | 1.60   | cps   |
| Cadmium    | 108-1 | 16377    | 16339    | 16193    | 16303    | 0.59   | cps   |
| Calcium    | 43-1  | 253783   | 251093   | 251517   | 252131   | 0.57   | cps   |
| Calcium    | 44-1  | 4155058  | 4118757  | 4092125  | 4121980  | 0.77   | cps   |
| Chromium   | 52-2  | 116906   | 116265   | 114386   | 115853   | 1.13   | cps   |
| Cobalt     | 59-2  | 237009   | 239000   | 235521   | 237177   | 0.74   | cps   |
| Copper     | 63-2  | 407998   | 407597   | 404439   | 406678   | 0.48   | cps   |
| Dysprosium | 156-1 | 8        | 50       | 25       | 28       | 75.51  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 58       | 75       | 42       | 58       | 28.57  | cps   |
| Erbium     | 164-2 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Gadolinium | 160-1 | 67       | 58       | 92       | 72       | 24.02  | cps   |
| Gadolinium | 160-2 | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Holmium    | 165-1 | 12877678 | 13131770 | 13473050 | 13160833 | 2.27   | cps   |
| Holmium    | 165-2 | 2649866  | 2900317  | 3010579  | 2853587  | 6.48   | cps   |
| Indium     | 115-1 | 11285586 | 11378837 | 11704117 | 11456180 | 1.92   | cps   |
| Indium     | 115-2 | 461251   | 512572   | 527475   | 500433   | 6.94   | cps   |
| Iron       | 56-2  | 3865627  | 3844709  | 3858472  | 3856269  | 0.28   | cps   |
| Iron       | 57-2  | 96985    | 96342    | 94407    | 95911    | 1.40   | cps   |
| Krypton    | 83-1  | 390      | 357      | 500      | 416      | 18.05  | cps   |
| Lead       | 206-1 | 563069   | 564724   | 557364   | 561719   | 0.69   | cps   |
| Lead       | 207-1 | 510601   | 508410   | 508780   | 509264   | 0.23   | cps   |
| Lead       | 208-1 | 2311948  | 2292786  | 2292645  | 2299126  | 0.48   | cps   |
| Lithium    | 6-1   | 1963493  | 1946102  | 2021142  | 1976913  | 1.99   | cps   |
| Magnesium  | 24-2  | 435830   | 436830   | 429138   | 433933   | 0.96   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:12:26 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 64609    | 64984    | 64431    | 64675    | 0.44   | cps   |
| Molybdenum | 94-1  | 1836212  | 1831877  | 1807039  | 1825043  | 0.86   | cps   |
| Molybdenum | 95-1  | 2204720  | 2243577  | 2209130  | 2219142  | 0.96   | cps   |
| Molybdenum | 96-1  | 2467959  | 2455954  | 2472687  | 2465533  | 0.35   | cps   |
| Molybdenum | 97-1  | 1369630  | 1384074  | 1376297  | 1376667  | 0.53   | cps   |
| Molybdenum | 98-1  | 3541293  | 3541491  | 3554827  | 3545870  | 0.22   | cps   |
| Neodymium  | 150-1 | 113      | 53       | 53       | 73       | 47.23  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 70511    | 69667    | 69633    | 69937    | 0.71   | cps   |
| Phosphorus | 31-2  | 1175     | 1450     | 1317     | 1314     | 10.47  | cps   |
| Potassium  | 39-2  | 124801   | 123765   | 122277   | 123614   | 1.03   | cps   |
| Rhodium    | 103-1 | 10742294 | 10802579 | 11161692 | 10902188 | 2.08   | cps   |
| Rhodium    | 103-2 | 2659869  | 2943075  | 3014053  | 2872332  | 6.52   | cps   |
| Scandium   | 45-1  | 7149745  | 7146894  | 7313110  | 7203250  | 1.32   | cps   |
| Scandium   | 45-2  | 57529    | 63976    | 66581    | 62695    | 7.43   | cps   |
| Selenium   | 77-2  | 90       | 93       | 83       | 89       | 5.73   | cps   |
| Selenium   | 78-2  | 298      | 341      | 298      | 312      | 7.87   | cps   |
| Selenium   | 82-1  | 14647    | 14988    | 14844    | 14826    | 1.16   | cps   |
| Silicon    | 28-1  | 975409   | 967816   | 971452   | 971559   | 0.39   | cps   |
| Silver     | 109-1 | 1058209  | 1077160  | 1080972  | 1072114  | 1.14   | cps   |
| Silver     | 107-1 | 1122015  | 1116630  | 1121206  | 1119950  | 0.26   | cps   |
| Sodium     | 23-2  | 1037859  | 1033147  | 1021612  | 1030872  | 0.81   | cps   |
| Strontium  | 86-1  | 287786   | 287951   | 292944   | 289560   | 1.01   | cps   |
| Strontium  | 88-1  | 2489087  | 2504225  | 2499390  | 2497567  | 0.31   | cps   |
| Sulfur     | 34-1  | 524595   | 525596   | 529039   | 526410   | 0.44   | cps   |
| Terbium    | 159-1 | 13582826 | 13740660 | 14144639 | 13822709 | 2.10   | cps   |
| Terbium    | 159-2 | 2584759  | 2797512  | 2925817  | 2769363  | 6.22   | cps   |
| Thallium   | 203-1 | 692281   | 701270   | 700136   | 697896   | 0.70   | cps   |
| Thallium   | 205-1 | 1648812  | 1673429  | 1665364  | 1662535  | 0.75   | cps   |
| Tin        | 118-1 | 717078   | 705738   | 717043   | 713287   | 0.92   | cps   |
| Titanium   | 47-1  | 615131   | 621219   | 620340   | 618897   | 0.53   | cps   |
| Uranium    | 238-1 | 2148910  | 2065815  | 2088010  | 2100912  | 2.05   | cps   |
| Vanadium   | 51-2  | 85173    | 85177    | 83329    | 84560    | 1.26   | cps   |
| Yttrium    | 89-1  | 12307948 | 12419294 | 12767309 | 12498184 | 1.92   | cps   |
| Yttrium    | 89-2  | 361551   | 395331   | 414215   | 390366   | 6.83   | cps   |
| Zinc       | 66-2  | 36782    | 36184    | 35780    | 36249    | 1.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:12:26 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1554163 | 1523437 | 1522679 | 1533426 | 1.17   | cps   |
| Zirconium | 91-1 | 336672  | 333339  | 335422  | 335145  | 0.50   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:16:01 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 34852    | 35679    | 36432    | 35654    | 2.22   | cps   |
| Antimony   | 121-1 | 2115762  | 2148668  | 2098753  | 2121061  | 1.20   | cps   |
| Arsenic    | 75-2  | 25774    | 25538    | 25474    | 25595    | 0.62   | cps   |
| Barium     | 135-1 | 2080698  | 2121098  | 2079679  | 2093825  | 1.13   | cps   |
| Barium     | 137-1 | 3603048  | 3647491  | 3605886  | 3618808  | 0.69   | cps   |
| Beryllium  | 9-1   | 299588   | 302543   | 301210   | 301114   | 0.49   | cps   |
| Bismuth    | 209-1 | 7857238  | 7932977  | 7934178  | 7908131  | 0.56   | cps   |
| Bismuth    | 209-2 | 2202282  | 2230132  | 2191959  | 2208124  | 0.89   | cps   |
| Boron      | 10-1  | 34083    | 35261    | 35670    | 35005    | 2.35   | cps   |
| Boron      | 11-1  | 157690   | 163489   | 165125   | 162101   | 2.41   | cps   |
| Cadmium    | 111-1 | 461633   | 462431   | 454747   | 459603   | 0.92   | cps   |
| Cadmium    | 106-1 | 49642    | 50328    | 50244    | 50072    | 0.75   | cps   |
| Cadmium    | 108-1 | 32748    | 33296    | 32168    | 32737    | 1.72   | cps   |
| Calcium    | 43-1  | 505130   | 505439   | 510704   | 507091   | 0.62   | cps   |
| Calcium    | 44-1  | 8285592  | 8359934  | 8264139  | 8303221  | 0.61   | cps   |
| Chromium   | 52-2  | 227971   | 229609   | 230939   | 229506   | 0.65   | cps   |
| Cobalt     | 59-2  | 471116   | 475584   | 473448   | 473383   | 0.47   | cps   |
| Copper     | 63-2  | 813303   | 810914   | 812134   | 812117   | 0.15   | cps   |
| Dysprosium | 156-1 | 17       | 58       | 42       | 39       | 53.93  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 58       | 50       | 50       | 53       | 9.12   | cps   |
| Erbium     | 164-2 | 20       | 10       | 10       | 13       | 43.30  | cps   |
| Gadolinium | 160-1 | 150      | 92       | 92       | 111      | 30.31  | cps   |
| Gadolinium | 160-2 | 10       | 23       | 13       | 16       | 44.60  | cps   |
| Holmium    | 165-1 | 13059315 | 13432855 | 13395000 | 13295723 | 1.55   | cps   |
| Holmium    | 165-2 | 2968889  | 3060435  | 3056908  | 3028744  | 1.71   | cps   |
| Indium     | 115-1 | 11479749 | 11842358 | 11600182 | 11640763 | 1.59   | cps   |
| Indium     | 115-2 | 526969   | 533157   | 529758   | 529962   | 0.58   | cps   |
| Iron       | 56-2  | 7634590  | 7642848  | 7632931  | 7636790  | 0.07   | cps   |
| Iron       | 57-2  | 192477   | 192838   | 193805   | 193040   | 0.36   | cps   |
| Krypton    | 83-1  | 427      | 423      | 467      | 439      | 5.49   | cps   |
| Lead       | 206-1 | 1124006  | 1134295  | 1123627  | 1127309  | 0.54   | cps   |
| Lead       | 207-1 | 1028306  | 1036955  | 1025236  | 1030166  | 0.59   | cps   |
| Lead       | 208-1 | 4674956  | 4674286  | 4653156  | 4667466  | 0.27   | cps   |
| Lithium    | 6-1   | 1972624  | 2027826  | 1994429  | 1998293  | 1.39   | cps   |
| Magnesium  | 24-2  | 872403   | 857110   | 869003   | 866172   | 0.93   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:16:01 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 130257   | 129742   | 130738   | 130246   | 0.38   | cps   |
| Molybdenum | 94-1  | 3708441  | 3702097  | 3690267  | 3700268  | 0.25   | cps   |
| Molybdenum | 95-1  | 4473789  | 4493371  | 4475838  | 4480999  | 0.24   | cps   |
| Molybdenum | 96-1  | 4970114  | 4991278  | 4981883  | 4981091  | 0.21   | cps   |
| Molybdenum | 97-1  | 2876149  | 2835346  | 2857922  | 2856473  | 0.72   | cps   |
| Molybdenum | 98-1  | 7149900  | 7090427  | 7161899  | 7134075  | 0.54   | cps   |
| Neodymium  | 150-1 | 73       | 93       | 47       | 71       | 32.92  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 139302   | 138537   | 140442   | 139427   | 0.69   | cps   |
| Phosphorus | 31-2  | 2692     | 2692     | 2650     | 2678     | 0.90   | cps   |
| Potassium  | 39-2  | 244548   | 243640   | 247957   | 245382   | 0.93   | cps   |
| Rhodium    | 103-1 | 10859497 | 11126041 | 11042315 | 11009284 | 1.24   | cps   |
| Rhodium    | 103-2 | 3068801  | 3123934  | 3070167  | 3087634  | 1.02   | cps   |
| Scandium   | 45-1  | 7331073  | 7482649  | 7339742  | 7384488  | 1.15   | cps   |
| Scandium   | 45-2  | 64840    | 67717    | 67911    | 66822    | 2.57   | cps   |
| Selenium   | 77-2  | 170      | 203      | 193      | 189      | 9.06   | cps   |
| Selenium   | 78-2  | 607      | 644      | 589      | 614      | 4.61   | cps   |
| Selenium   | 82-1  | 29580    | 29676    | 29441    | 29566    | 0.40   | cps   |
| Silicon    | 28-1  | 1286333  | 1286889  | 1282964  | 1285396  | 0.17   | cps   |
| Silver     | 109-1 | 2210869  | 2189395  | 2157746  | 2186004  | 1.22   | cps   |
| Silver     | 107-1 | 2283962  | 2308070  | 2288813  | 2293615  | 0.56   | cps   |
| Sodium     | 23-2  | 2064495  | 2057820  | 2096792  | 2073035  | 1.01   | cps   |
| Strontium  | 86-1  | 578337   | 582046   | 584226   | 581536   | 0.51   | cps   |
| Strontium  | 88-1  | 4992178  | 5036176  | 5030980  | 5019778  | 0.48   | cps   |
| Sulfur     | 34-1  | 598072   | 600089   | 599206   | 599122   | 0.17   | cps   |
| Terbium    | 159-1 | 13762740 | 14155537 | 13882574 | 13933617 | 1.44   | cps   |
| Terbium    | 159-2 | 2932314  | 2983903  | 2924646  | 2946954  | 1.09   | cps   |
| Thallium   | 203-1 | 1402898  | 1416721  | 1414927  | 1411515  | 0.53   | cps   |
| Thallium   | 205-1 | 3360383  | 3408724  | 3398226  | 3389111  | 0.75   | cps   |
| Tin        | 118-1 | 1435694  | 1445612  | 1437645  | 1439650  | 0.36   | cps   |
| Titanium   | 47-1  | 1280197  | 1299828  | 1261682  | 1280569  | 1.49   | cps   |
| Uranium    | 238-1 | 4163847  | 4189102  | 4171776  | 4174908  | 0.31   | cps   |
| Vanadium   | 51-2  | 168726   | 167400   | 169808   | 168645   | 0.72   | cps   |
| Yttrium    | 89-1  | 12594965 | 12805060 | 12866118 | 12755381 | 1.12   | cps   |
| Yttrium    | 89-2  | 414148   | 418924   | 416484   | 416519   | 0.57   | cps   |
| Zinc       | 66-2  | 72595    | 73108    | 73527    | 73077    | 0.64   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:16:01 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 3097286 | 3144207 | 3110020 | 3117171 | 0.78   | cps   |
| Zirconium | 91-1 | 682188  | 682797  | 689340  | 684775  | 0.58   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:19:31 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 70032    | 69797    | 69438    | 69756    | 0.43   | cps   |
| Antimony   | 121-1 | 4249914  | 4201799  | 4177848  | 4209853  | 0.87   | cps   |
| Arsenic    | 75-2  | 51893    | 51356    | 50778    | 51342    | 1.09   | cps   |
| Barium     | 135-1 | 4211337  | 4176925  | 4156894  | 4181719  | 0.66   | cps   |
| Barium     | 137-1 | 7313000  | 7238549  | 7203312  | 7251620  | 0.77   | cps   |
| Beryllium  | 9-1   | 603662   | 599552   | 599646   | 600953   | 0.39   | cps   |
| Bismuth    | 209-1 | 7953590  | 7933401  | 8083582  | 7990191  | 1.02   | cps   |
| Bismuth    | 209-2 | 2238002  | 2131040  | 2041546  | 2136863  | 4.60   | cps   |
| Boron      | 10-1  | 69352    | 69670    | 71160    | 70061    | 1.38   | cps   |
| Boron      | 11-1  | 322015   | 327838   | 330025   | 326626   | 1.27   | cps   |
| Cadmium    | 111-1 | 921379   | 928005   | 920073   | 923153   | 0.46   | cps   |
| Cadmium    | 106-1 | 98527    | 99332    | 98065    | 98641    | 0.65   | cps   |
| Cadmium    | 108-1 | 66082    | 66011    | 65211    | 65768    | 0.74   | cps   |
| Calcium    | 43-1  | 1016412  | 1017574  | 1024787  | 1019591  | 0.44   | cps   |
| Calcium    | 44-1  | 16570091 | 16776699 | 16591057 | 16645949 | 0.68   | cps   |
| Chromium   | 52-2  | 462417   | 461721   | 459362   | 461167   | 0.35   | cps   |
| Cobalt     | 59-2  | 944628   | 949317   | 944492   | 946146   | 0.29   | cps   |
| Copper     | 63-2  | 1628446  | 1615862  | 1623476  | 1622595  | 0.39   | cps   |
| Dysprosium | 156-1 | 67       | 33       | 33       | 44       | 43.31  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 0        | 8        | 89.21  | cps   |
| Erbium     | 164-1 | 42       | 92       | 58       | 64       | 39.85  | cps   |
| Erbium     | 164-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 92       | 117      | 108      | 106      | 12.06  | cps   |
| Gadolinium | 160-2 | 33       | 7        | 3        | 14       | 113.83 | cps   |
| Holmium    | 165-1 | 13431011 | 13491590 | 13363601 | 13428734 | 0.48   | cps   |
| Holmium    | 165-2 | 3072972  | 2947534  | 2809535  | 2943347  | 4.48   | cps   |
| Indium     | 115-1 | 11419718 | 11577056 | 11547023 | 11514599 | 0.73   | cps   |
| Indium     | 115-2 | 533105   | 513177   | 488506   | 511596   | 4.37   | cps   |
| Iron       | 56-2  | 15421628 | 15282699 | 15262201 | 15322176 | 0.57   | cps   |
| Iron       | 57-2  | 387630   | 382935   | 385543   | 385370   | 0.61   | cps   |
| Krypton    | 83-1  | 450      | 450      | 437      | 446      | 1.73   | cps   |
| Lead       | 206-1 | 2306629  | 2309947  | 2332376  | 2316317  | 0.60   | cps   |
| Lead       | 207-1 | 2101963  | 2129013  | 2130454  | 2120477  | 0.76   | cps   |
| Lead       | 208-1 | 9432565  | 9512995  | 9467267  | 9470943  | 0.43   | cps   |
| Lithium    | 6-1   | 1985612  | 1995813  | 2009365  | 1996930  | 0.60   | cps   |
| Magnesium  | 24-2  | 1738652  | 1742353  | 1757301  | 1746102  | 0.57   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:19:31 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 259094   | 257051   | 258642   | 258263   | 0.42   | cps   |
| Molybdenum | 94-1  | 7502255  | 7265137  | 7303083  | 7356825  | 1.73   | cps   |
| Molybdenum | 95-1  | 8982527  | 8888315  | 8872644  | 8914496  | 0.67   | cps   |
| Molybdenum | 96-1  | 10014446 | 10086273 | 9872970  | 9991230  | 1.09   | cps   |
| Molybdenum | 97-1  | 5732920  | 5654084  | 5712905  | 5699970  | 0.72   | cps   |
| Molybdenum | 98-1  | 14375975 | 14460398 | 14435369 | 14423914 | 0.30   | cps   |
| Neodymium  | 150-1 | 120      | 140      | 147      | 136      | 10.24  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 277824   | 274871   | 278599   | 277098   | 0.71   | cps   |
| Phosphorus | 31-2  | 5068     | 4918     | 4918     | 4968     | 1.74   | cps   |
| Potassium  | 39-2  | 485973   | 480748   | 483263   | 483328   | 0.54   | cps   |
| Rhodium    | 103-1 | 11022185 | 11131821 | 11084884 | 11079630 | 0.50   | cps   |
| Rhodium    | 103-2 | 3088477  | 2957779  | 2805431  | 2950562  | 4.80   | cps   |
| Scandium   | 45-1  | 7279726  | 7433253  | 7359386  | 7357455  | 1.04   | cps   |
| Scandium   | 45-2  | 67810    | 65302    | 62671    | 65261    | 3.94   | cps   |
| Selenium   | 77-2  | 370      | 417      | 333      | 373      | 11.19  | cps   |
| Selenium   | 78-2  | 1191     | 1198     | 1243     | 1211     | 2.32   | cps   |
| Selenium   | 82-1  | 59359    | 59152    | 59510    | 59340    | 0.30   | cps   |
| Silicon    | 28-1  | 2047902  | 2078098  | 2083895  | 2069965  | 0.93   | cps   |
| Silver     | 109-1 | 4299158  | 4345075  | 4292381  | 4312205  | 0.66   | cps   |
| Silver     | 107-1 | 4534183  | 4631422  | 4504322  | 4556642  | 1.46   | cps   |
| Sodium     | 23-2  | 4105325  | 4038037  | 4109969  | 4084444  | 0.99   | cps   |
| Strontium  | 86-1  | 1174334  | 1170722  | 1166995  | 1170684  | 0.31   | cps   |
| Strontium  | 88-1  | 10037102 | 9982160  | 9932293  | 9983852  | 0.53   | cps   |
| Sulfur     | 34-1  | 752184   | 749303   | 750226   | 750571   | 0.20   | cps   |
| Terbium    | 159-1 | 14207018 | 14107054 | 13854421 | 14056165 | 1.29   | cps   |
| Terbium    | 159-2 | 2978665  | 2881520  | 2765573  | 2875253  | 3.71   | cps   |
| Thallium   | 203-1 | 2909915  | 2903169  | 2886586  | 2899890  | 0.41   | cps   |
| Thallium   | 205-1 | 6713084  | 6685912  | 6701413  | 6700136  | 0.20   | cps   |
| Tin        | 118-1 | 2917592  | 2911729  | 2861047  | 2896789  | 1.07   | cps   |
| Titanium   | 47-1  | 2566590  | 2549912  | 2522383  | 2546295  | 0.88   | cps   |
| Uranium    | 238-1 | 8381653  | 8399460  | 8428701  | 8403271  | 0.28   | cps   |
| Vanadium   | 51-2  | 341394   | 338207   | 339466   | 339689   | 0.47   | cps   |
| Yttrium    | 89-1  | 12781337 | 12786382 | 12771367 | 12779695 | 0.06   | cps   |
| Yttrium    | 89-2  | 420686   | 407034   | 387926   | 405215   | 4.06   | cps   |
| Zinc       | 66-2  | 144483   | 142698   | 143803   | 143661   | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:19:31 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6182416 | 6211762 | 6118545 | 6170908 | 0.77   | cps   |
| Zirconium | 91-1 | 1382688 | 1395570 | 1376589 | 1384949 | 0.70   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:22:56 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 138335   | 137249   | 136636   | 137407   | 0.63   | cps   |
| Antimony   | 121-1 | 8478826  | 8453999  | 8383601  | 8438809  | 0.59   | cps   |
| Arsenic    | 75-2  | 101469   | 101609   | 101109   | 101396   | 0.25   | cps   |
| Barium     | 135-1 | 8418831  | 8371764  | 8255684  | 8348760  | 1.01   | cps   |
| Barium     | 137-1 | 14727420 | 14614575 | 14459356 | 14600450 | 0.92   | cps   |
| Beryllium  | 9-1   | 1202067  | 1201981  | 1206162  | 1203403  | 0.20   | cps   |
| Bismuth    | 209-1 | 8001824  | 7587973  | 7991683  | 7860493  | 3.00   | cps   |
| Bismuth    | 209-2 | 2194126  | 2158994  | 2203604  | 2185575  | 1.08   | cps   |
| Boron      | 10-1  | 136114   | 138907   | 141266   | 138763   | 1.86   | cps   |
| Boron      | 11-1  | 643317   | 655256   | 668319   | 655631   | 1.91   | cps   |
| Cadmium    | 111-1 | 1850265  | 1862823  | 1865263  | 1859450  | 0.43   | cps   |
| Cadmium    | 106-1 | 199466   | 192930   | 195286   | 195894   | 1.69   | cps   |
| Cadmium    | 108-1 | 132140   | 133100   | 131917   | 132386   | 0.47   | cps   |
| Calcium    | 43-1  | 2054366  | 2039670  | 2077568  | 2057202  | 0.93   | cps   |
| Calcium    | 44-1  | 33019622 | 33472068 | 33465216 | 33318969 | 0.78   | cps   |
| Chromium   | 52-2  | 912642   | 915428   | 916051   | 914707   | 0.20   | cps   |
| Cobalt     | 59-2  | 1861772  | 1887655  | 1884092  | 1877840  | 0.75   | cps   |
| Copper     | 63-2  | 3171542  | 3154140  | 3198693  | 3174792  | 0.71   | cps   |
| Dysprosium | 156-1 | 67       | 100      | 150      | 106      | 39.74  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 17       | 9        | 78.08  | cps   |
| Erbium     | 164-1 | 58       | 58       | 83       | 67       | 21.65  | cps   |
| Erbium     | 164-2 | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Gadolinium | 160-1 | 50       | 142      | 125      | 106      | 46.26  | cps   |
| Gadolinium | 160-2 | 20       | 7        | 10       | 12       | 56.76  | cps   |
| Holmium    | 165-1 | 13697475 | 13185981 | 13690169 | 13524541 | 2.17   | cps   |
| Holmium    | 165-2 | 3032687  | 3021172  | 3028115  | 3027325  | 0.19   | cps   |
| Indium     | 115-1 | 11444121 | 11154513 | 11561964 | 11386866 | 1.84   | cps   |
| Indium     | 115-2 | 521347   | 509021   | 511779   | 514049   | 1.26   | cps   |
| Iron       | 56-2  | 30223069 | 30034056 | 30219535 | 30158887 | 0.36   | cps   |
| Iron       | 57-2  | 767422   | 765854   | 758442   | 763906   | 0.63   | cps   |
| Krypton    | 83-1  | 493      | 443      | 433      | 457      | 7.04   | cps   |
| Lead       | 206-1 | 4632962  | 4638911  | 4661241  | 4644372  | 0.32   | cps   |
| Lead       | 207-1 | 4324281  | 4264489  | 4288804  | 4292524  | 0.70   | cps   |
| Lead       | 208-1 | 19116987 | 19045970 | 18980605 | 19047854 | 0.36   | cps   |
| Lithium    | 6-1   | 1985285  | 1901537  | 1977205  | 1954676  | 2.36   | cps   |
| Magnesium  | 24-2  | 3394820  | 3389845  | 3454113  | 3412926  | 1.05   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:22:56 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 510179   | 508102   | 509055   | 509112   | 0.20   | cps   |
| Molybdenum | 94-1  | 14700427 | 14733578 | 14753321 | 14729109 | 0.18   | cps   |
| Molybdenum | 95-1  | 18078241 | 17938064 | 17907143 | 17974483 | 0.51   | cps   |
| Molybdenum | 96-1  | 20004724 | 20087069 | 20186639 | 20092811 | 0.45   | cps   |
| Molybdenum | 97-1  | 11401627 | 11426188 | 11443958 | 11423924 | 0.19   | cps   |
| Molybdenum | 98-1  | 29299761 | 29077263 | 28930132 | 29102385 | 0.64   | cps   |
| Neodymium  | 150-1 | 253      | 300      | 300      | 284      | 9.47   | cps   |
| Neodymium  | 150-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 546090   | 545613   | 545622   | 545775   | 0.05   | cps   |
| Phosphorus | 31-2  | 9470     | 10162    | 10104    | 9912     | 3.87   | cps   |
| Potassium  | 39-2  | 954713   | 960899   | 960231   | 958615   | 0.35   | cps   |
| Rhodium    | 103-1 | 11036086 | 10470692 | 10730024 | 10745601 | 2.63   | cps   |
| Rhodium    | 103-2 | 3028159  | 3003905  | 2970465  | 3000843  | 0.97   | cps   |
| Scandium   | 45-1  | 7374439  | 7053097  | 7324488  | 7250675  | 2.38   | cps   |
| Scandium   | 45-2  | 66528    | 66769    | 66726    | 66674    | 0.19   | cps   |
| Selenium   | 77-2  | 780      | 700      | 737      | 739      | 5.42   | cps   |
| Selenium   | 78-2  | 2545     | 2521     | 2606     | 2557     | 1.72   | cps   |
| Selenium   | 82-1  | 119433   | 118608   | 118970   | 119004   | 0.35   | cps   |
| Silicon    | 28-1  | 3573867  | 3545119  | 3562536  | 3560507  | 0.41   | cps   |
| Silver     | 109-1 | 8469234  | 8564670  | 8565154  | 8533019  | 0.65   | cps   |
| Silver     | 107-1 | 8925775  | 8954223  | 8941232  | 8940410  | 0.16   | cps   |
| Sodium     | 23-2  | 8005475  | 7987794  | 8029036  | 8007435  | 0.26   | cps   |
| Strontium  | 86-1  | 2379043  | 2373546  | 2400342  | 2384310  | 0.59   | cps   |
| Strontium  | 88-1  | 20203018 | 20310184 | 20345074 | 20286092 | 0.36   | cps   |
| Sulfur     | 34-1  | 914736   | 904158   | 903735   | 907543   | 0.69   | cps   |
| Terbium    | 159-1 | 14288129 | 13620323 | 14176906 | 14028453 | 2.55   | cps   |
| Terbium    | 159-2 | 2940789  | 2905663  | 2914359  | 2920270  | 0.63   | cps   |
| Thallium   | 203-1 | 5759238  | 5788597  | 5822481  | 5790105  | 0.55   | cps   |
| Thallium   | 205-1 | 13631125 | 13568134 | 13644556 | 13614605 | 0.30   | cps   |
| Tin        | 118-1 | 5772423  | 5805581  | 5814103  | 5797369  | 0.38   | cps   |
| Titanium   | 47-1  | 5036292  | 4956354  | 4974822  | 4989156  | 0.84   | cps   |
| Uranium    | 238-1 | 17184874 | 17025596 | 17016469 | 17075646 | 0.55   | cps   |
| Vanadium   | 51-2  | 673324   | 674151   | 675604   | 674360   | 0.17   | cps   |
| Yttrium    | 89-1  | 12828644 | 12405641 | 12756796 | 12663694 | 1.79   | cps   |
| Yttrium    | 89-2  | 415980   | 408240   | 409514   | 411245   | 1.01   | cps   |
| Zinc       | 66-2  | 282913   | 281075   | 278207   | 280732   | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:22:56 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zirconium | 90-1 | 12337112 | 12629603 | 12548667 | 12505127 | 1.21   | cps   |
| Zirconium | 91-1 | 2758671  | 2780140  | 2797710  | 2778840  | 0.70   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:26:15 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 704610    | 712282    | 703817    | 706903    | 0.66   | cps   |
| Antimony   | 121-1 | 23630     | 22195     | 20517     | 22114     | 7.05   | cps   |
| Arsenic    | 75-2  | 57        | 69        | 44        | 57        | 21.22  | cps   |
| Barium     | 135-1 | 3842      | 3759      | 3401      | 3667      | 6.40   | cps   |
| Barium     | 137-1 | 5993      | 6193      | 6268      | 6152      | 2.31   | cps   |
| Beryllium  | 9-1   | 283       | 300       | 294       | 293       | 2.90   | cps   |
| Bismuth    | 209-1 | 7872881   | 7290486   | 7560705   | 7574690   | 3.85   | cps   |
| Bismuth    | 209-2 | 2196328   | 2149527   | 2201795   | 2182550   | 1.32   | cps   |
| Boron      | 10-1  | 6593      | 6068      | 5460      | 6040      | 9.39   | cps   |
| Boron      | 11-1  | 29957     | 27260     | 25173     | 27463     | 8.73   | cps   |
| Cadmium    | 111-1 | 2371      | 2127      | 2375      | 2291      | 6.20   | cps   |
| Cadmium    | 106-1 | 2775      | 2517      | 2859      | 2717      | 6.56   | cps   |
| Cadmium    | 108-1 | 25        | 50        | 38        | 38        | 33.33  | cps   |
| Calcium    | 43-1  | 10258072  | 10458449  | 10319389  | 10345303  | 0.99   | cps   |
| Calcium    | 44-1  | 171140212 | 171432804 | 172091046 | 171554687 | 0.28   | cps   |
| Chromium   | 52-2  | 47156     | 47236     | 47417     | 47270     | 0.28   | cps   |
| Cobalt     | 59-2  | 3280      | 3300      | 3327      | 3303      | 0.71   | cps   |
| Copper     | 63-2  | 7202      | 7289      | 7362      | 7284      | 1.10   | cps   |
| Dysprosium | 156-1 | 83        | 58        | 75        | 72        | 17.62  | cps   |
| Dysprosium | 156-2 | 10        | 17        | 7         | 11        | 45.82  | cps   |
| Erbium     | 164-1 | 42        | 67        | 58        | 56        | 22.91  | cps   |
| Erbium     | 164-2 | 17        | 10        | 17        | 14        | 26.66  | cps   |
| Gadolinium | 160-1 | 142       | 100       | 100       | 114       | 21.13  | cps   |
| Gadolinium | 160-2 | 23        | 27        | 13        | 21        | 32.88  | cps   |
| Holmium    | 165-1 | 14216750  | 12853696  | 13668946  | 13579797  | 5.05   | cps   |
| Holmium    | 165-2 | 3241100   | 3129446   | 3198849   | 3189799   | 1.77   | cps   |
| Indium     | 115-1 | 11820421  | 10813383  | 11471108  | 11368304  | 4.50   | cps   |
| Indium     | 115-2 | 539941    | 528945    | 543457    | 537447    | 1.41   | cps   |
| Iron       | 56-2  | 150848259 | 150194187 | 151973192 | 151005213 | 0.60   | cps   |
| Iron       | 57-2  | 3764876   | 3842133   | 3803548   | 3803519   | 1.02   | cps   |
| Krypton    | 83-1  | 370       | 443       | 480       | 431       | 12.99  | cps   |
| Lead       | 206-1 | 9343      | 9248      | 8759      | 9117      | 3.44   | cps   |
| Lead       | 207-1 | 7741      | 7958      | 7803      | 7834      | 1.43   | cps   |
| Lead       | 208-1 | 36638     | 36817     | 34603     | 36019     | 3.41   | cps   |
| Lithium    | 6-1   | 1969375   | 1839216   | 1955656   | 1921416   | 3.72   | cps   |
| Magnesium  | 24-2  | 16793342  | 16744540  | 16738410  | 16758764  | 0.18   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB95676             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-05-25 16:26:15 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2644     | 2717     | 2714     | 2691     | 1.54   | cps   |
| Molybdenum | 94-1  | 21685    | 21101    | 20241    | 21009    | 3.46   | cps   |
| Molybdenum | 95-1  | 33175    | 32691    | 32264    | 32710    | 1.39   | cps   |
| Molybdenum | 96-1  | 37778    | 37921    | 36768    | 37489    | 1.68   | cps   |
| Molybdenum | 97-1  | 21652    | 20658    | 21217    | 21176    | 2.35   | cps   |
| Molybdenum | 98-1  | 53039    | 52854    | 52587    | 52827    | 0.43   | cps   |
| Neodymium  | 150-1 | 87       | 133      | 93       | 104      | 24.17  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 20       | 13       | 43.30  | cps   |
| Nickel     | 60-2  | 17351    | 16947    | 17087    | 17129    | 1.20   | cps   |
| Phosphorus | 31-2  | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Potassium  | 39-2  | 4756647  | 4764287  | 4735219  | 4752051  | 0.32   | cps   |
| Rhodium    | 103-1 | 10862873 | 9973023  | 10672405 | 10502767 | 4.46   | cps   |
| Rhodium    | 103-2 | 3022984  | 2936236  | 3054279  | 3004500  | 2.04   | cps   |
| Scandium   | 45-1  | 7647494  | 6975707  | 7464535  | 7362579  | 4.72   | cps   |
| Scandium   | 45-2  | 68608    | 66417    | 68842    | 67956    | 1.97   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 6        | 2        | 0        | 2        | 114.63 | cps   |
| Selenium   | 82-1  | 146      | 118      | 61       | 108      | 40.16  | cps   |
| Silicon    | 28-1  | 659047   | 667623   | 664488   | 663719   | 0.65   | cps   |
| Silver     | 109-1 | 1634     | 1258     | 1450     | 1447     | 12.96  | cps   |
| Silver     | 107-1 | 1575     | 1634     | 1275     | 1495     | 12.87  | cps   |
| Sodium     | 23-2  | 39563900 | 39628152 | 39625719 | 39605923 | 0.09   | cps   |
| Strontium  | 86-1  | 81015    | 82851    | 82533    | 82133    | 1.19   | cps   |
| Strontium  | 88-1  | 695208   | 710543   | 706993   | 704248   | 1.14   | cps   |
| Sulfur     | 34-1  | 419821   | 418281   | 423077   | 420393   | 0.58   | cps   |
| Terbium    | 159-1 | 14562350 | 13425911 | 14126377 | 14038213 | 4.08   | cps   |
| Terbium    | 159-2 | 3108340  | 2985218  | 3097965  | 3063841  | 2.23   | cps   |
| Thallium   | 203-1 | 3359     | 3059     | 3026     | 3148     | 5.83   | cps   |
| Thallium   | 205-1 | 8186     | 7403     | 7544     | 7711     | 5.42   | cps   |
| Tin        | 118-1 | 11989    | 12798    | 11505    | 12098    | 5.40   | cps   |
| Titanium   | 47-1  | 1609     | 1867     | 1642     | 1706     | 8.24   | cps   |
| Uranium    | 238-1 | 4943     | 4301     | 4126     | 4457     | 9.65   | cps   |
| Vanadium   | 51-2  | 480      | 557      | 463      | 500      | 9.96   | cps   |
| Yttrium    | 89-1  | 13275695 | 12305836 | 12932911 | 12838147 | 3.83   | cps   |
| Yttrium    | 89-2  | 437040   | 425849   | 439355   | 434081   | 1.66   | cps   |
| Zinc       | 66-2  | 1397     | 1347     | 1347     | 1363     | 2.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:26:15 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5601 | 5168 | 4893 | 5221    | 6.84   | cps   |
| Zirconium | 91-1 | 1258 | 1142 | 1092 | 1164    | 7.35   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:31:59 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4368     | 3967     | 4176     | 4170     | 4.80   | cps   |
| Antimony   | 121-1 | 1659711  | 1644649  | 1650737  | 1651699  | 0.46   | cps   |
| Arsenic    | 75-2  | 20460    | 20337    | 20751    | 20516    | 1.04   | cps   |
| Barium     | 135-1 | 164089   | 164362   | 166647   | 165033   | 0.85   | cps   |
| Barium     | 137-1 | 286606   | 289484   | 287800   | 287963   | 0.50   | cps   |
| Beryllium  | 9-1   | 118640   | 119655   | 118702   | 118999   | 0.48   | cps   |
| Bismuth    | 209-1 | 8235412  | 8123783  | 8242019  | 8200405  | 0.81   | cps   |
| Bismuth    | 209-2 | 2363469  | 2284237  | 2313461  | 2320389  | 1.73   | cps   |
| Boron      | 10-1  | 66354    | 67501    | 69042    | 67632    | 1.99   | cps   |
| Boron      | 11-1  | 307356   | 315747   | 326301   | 316468   | 3.00   | cps   |
| Cadmium    | 111-1 | 189225   | 189009   | 189176   | 189137   | 0.06   | cps   |
| Cadmium    | 106-1 | 31580    | 30920    | 30978    | 31159    | 1.17   | cps   |
| Cadmium    | 108-1 | 16782    | 17190    | 16902    | 16958    | 1.24   | cps   |
| Calcium    | 43-1  | 45483    | 44212    | 44814    | 44836    | 1.42   | cps   |
| Calcium    | 44-1  | 723735   | 715982   | 731413   | 723710   | 1.07   | cps   |
| Chromium   | 52-2  | 92030    | 92262    | 91319    | 91870    | 0.53   | cps   |
| Cobalt     | 59-2  | 193489   | 193961   | 193829   | 193760   | 0.13   | cps   |
| Copper     | 63-2  | 166308   | 164376   | 166646   | 165776   | 0.74   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 0        | 14       | 124.91 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 117      | 50       | 67       | 78       | 44.61  | cps   |
| Erbium     | 164-2 | 10       | 20       | 13       | 14       | 35.26  | cps   |
| Gadolinium | 160-1 | 108      | 167      | 83       | 119      | 35.80  | cps   |
| Gadolinium | 160-2 | 23       | 17       | 13       | 18       | 28.64  | cps   |
| Holmium    | 165-1 | 13784221 | 13692619 | 13705587 | 13727476 | 0.36   | cps   |
| Holmium    | 165-2 | 3179055  | 3095856  | 3156812  | 3143908  | 1.37   | cps   |
| Indium     | 115-1 | 12315788 | 11883156 | 11954023 | 12050989 | 1.93   | cps   |
| Indium     | 115-2 | 576274   | 559723   | 558412   | 564803   | 1.76   | cps   |
| Iron       | 56-2  | 633721   | 631047   | 634306   | 633024   | 0.27   | cps   |
| Iron       | 57-2  | 16488    | 16126    | 15859    | 16158    | 1.95   | cps   |
| Krypton    | 83-1  | 437      | 463      | 490      | 463      | 5.76   | cps   |
| Lead       | 206-1 | 911552   | 906492   | 902291   | 906778   | 0.51   | cps   |
| Lead       | 207-1 | 790897   | 783817   | 790529   | 788414   | 0.51   | cps   |
| Lead       | 208-1 | 3687811  | 3670926  | 3712689  | 3690475  | 0.57   | cps   |
| Lithium    | 6-1   | 2092043  | 2071071  | 2092735  | 2085283  | 0.59   | cps   |
| Magnesium  | 24-2  | 43258    | 43401    | 41595    | 42751    | 2.35   | cps   |

LB Number : LB95676 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P8  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-25 16:31:59 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 26662    | 27020    | 25767    | 26483    | 2.44   | cps   |
| Molybdenum | 94-1  | 3213371  | 3226809  | 3192225  | 3210802  | 0.54   | cps   |
| Molybdenum | 95-1  | 1803525  | 1790990  | 1773367  | 1789294  | 0.85   | cps   |
| Molybdenum | 96-1  | 2315748  | 2285556  | 2297190  | 2299498  | 0.66   | cps   |
| Molybdenum | 97-1  | 1098411  | 1102056  | 1094837  | 1098435  | 0.33   | cps   |
| Molybdenum | 98-1  | 2884139  | 2822141  | 2846725  | 2851002  | 1.10   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 56605    | 57368    | 58305    | 57426    | 1.48   | cps   |
| Phosphorus | 31-2  | 25       | 17       | 0        | 14       | 91.65  | cps   |
| Potassium  | 39-2  | 43276    | 44772    | 44070    | 44039    | 1.70   | cps   |
| Rhodium    | 103-1 | 11808418 | 11584433 | 11713488 | 11702113 | 0.96   | cps   |
| Rhodium    | 103-2 | 3320915  | 3233964  | 3208473  | 3254451  | 1.81   | cps   |
| Scandium   | 45-1  | 7735825  | 7754073  | 7730880  | 7740259  | 0.16   | cps   |
| Scandium   | 45-2  | 71622    | 71043    | 70112    | 70926    | 1.07   | cps   |
| Selenium   | 77-2  | 127      | 130      | 127      | 128      | 1.50   | cps   |
| Selenium   | 78-2  | 519      | 535      | 470      | 508      | 6.63   | cps   |
| Selenium   | 82-1  | 23748    | 24094    | 23914    | 23919    | 0.73   | cps   |
| Silicon    | 28-1  | 2014549  | 2011193  | 2036483  | 2020742  | 0.68   | cps   |
| Silver     | 109-1 | 855011   | 858388   | 849804   | 854401   | 0.51   | cps   |
| Silver     | 107-1 | 892207   | 899225   | 888193   | 893208   | 0.63   | cps   |
| Sodium     | 23-2  | 180752   | 178430   | 179611   | 179598   | 0.65   | cps   |
| Strontium  | 86-1  | 1146912  | 1146794  | 1158585  | 1150764  | 0.59   | cps   |
| Strontium  | 88-1  | 9748547  | 9866778  | 9798614  | 9804646  | 0.61   | cps   |
| Sulfur     | 34-1  | 427457   | 427868   | 425852   | 427059   | 0.25   | cps   |
| Terbium    | 159-1 | 14187498 | 14242053 | 14229274 | 14219608 | 0.20   | cps   |
| Terbium    | 159-2 | 3119676  | 3030730  | 3011195  | 3053867  | 1.89   | cps   |
| Thallium   | 203-1 | 1139848  | 1142614  | 1156598  | 1146353  | 0.78   | cps   |
| Thallium   | 205-1 | 2734580  | 2780192  | 2775201  | 2763324  | 0.91   | cps   |
| Tin        | 118-1 | 2902566  | 2822197  | 2816953  | 2847239  | 1.69   | cps   |
| Titanium   | 47-1  | 500606   | 495182   | 498166   | 497985   | 0.55   | cps   |
| Uranium    | 238-1 | 7981609  | 8004792  | 8083165  | 8023189  | 0.66   | cps   |
| Vanadium   | 51-2  | 68349    | 67803    | 67860    | 68004    | 0.44   | cps   |
| Yttrium    | 89-1  | 13226069 | 13371680 | 13209030 | 13268926 | 0.67   | cps   |
| Yttrium    | 89-2  | 448686   | 437740   | 435229   | 440552   | 1.62   | cps   |
| Zinc       | 66-2  | 30003    | 30270    | 29578    | 29950    | 1.16   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:31:59 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6146380 | 5954509 | 6042413 | 6047767 | 1.59   | cps   |
| Zirconium | 91-1 | 1337388 | 1343089 | 1343526 | 1341334 | 0.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:39:18 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Antimony   | 121-1 | 2442     | 2425     | 2167     | 2345     | 6.58   | cps   |
| Arsenic    | 75-2  | 4        | 6        | 4        | 4        | 24.86  | cps   |
| Barium     | 135-1 | 58       | 50       | 117      | 75       | 48.43  | cps   |
| Barium     | 137-1 | 125      | 100      | 133      | 119      | 14.52  | cps   |
| Beryllium  | 9-1   | 50       | 128      | 100      | 93       | 42.57  | cps   |
| Bismuth    | 209-1 | 8022143  | 7616702  | 7701345  | 7780063  | 2.75   | cps   |
| Bismuth    | 209-2 | 2316184  | 2245133  | 2312415  | 2291244  | 1.74   | cps   |
| Boron      | 10-1  | 1809     | 1984     | 1892     | 1895     | 4.62   | cps   |
| Boron      | 11-1  | 9462     | 8720     | 8628     | 8936     | 5.12   | cps   |
| Cadmium    | 111-1 | 1776     | 1681     | 1740     | 1732     | 2.77   | cps   |
| Cadmium    | 106-1 | 2500     | 2409     | 2450     | 2453     | 1.87   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 0        | 14       | 91.65  | cps   |
| Calcium    | 43-1  | 942      | 908      | 683      | 845      | 16.64  | cps   |
| Calcium    | 44-1  | 28939    | 28622    | 28513    | 28691    | 0.77   | cps   |
| Chromium   | 52-2  | 743      | 727      | 830      | 767      | 7.24   | cps   |
| Cobalt     | 59-2  | 110      | 70       | 80       | 87       | 24.02  | cps   |
| Copper     | 63-2  | 457      | 450      | 433      | 447      | 2.69   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 17       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 67       | 75       | 50       | 64       | 19.92  | cps   |
| Erbium     | 164-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Gadolinium | 160-1 | 75       | 83       | 58       | 72       | 17.62  | cps   |
| Gadolinium | 160-2 | 7        | 23       | 13       | 14       | 58.06  | cps   |
| Holmium    | 165-1 | 13285342 | 12633630 | 12959579 | 12959517 | 2.51   | cps   |
| Holmium    | 165-2 | 3101889  | 3037361  | 3132423  | 3090557  | 1.57   | cps   |
| Indium     | 115-1 | 11914179 | 11295520 | 11404863 | 11538187 | 2.86   | cps   |
| Indium     | 115-2 | 554178   | 539737   | 563031   | 552315   | 2.13   | cps   |
| Iron       | 56-2  | 2211     | 2389     | 2339     | 2313     | 3.96   | cps   |
| Iron       | 57-2  | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Krypton    | 83-1  | 413      | 450      | 430      | 431      | 4.26   | cps   |
| Lead       | 206-1 | 439      | 389      | 444      | 424      | 7.22   | cps   |
| Lead       | 207-1 | 411      | 378      | 317      | 369      | 13.00  | cps   |
| Lead       | 208-1 | 1822     | 1683     | 1656     | 1720     | 5.19   | cps   |
| Lithium    | 6-1   | 2044947  | 1959552  | 1999324  | 2001274  | 2.14   | cps   |
| Magnesium  | 24-2  | 300      | 283      | 292      | 292      | 2.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:39:18 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 40       | 37       | 70       | 49       | 37.55    | cps   |
| Molybdenum | 94-1  | 875      | 700      | 858      | 811      | 11.91    | cps   |
| Molybdenum | 95-1  | 842      | 633      | 642      | 706      | 16.72    | cps   |
| Molybdenum | 96-1  | 892      | 850      | 892      | 878      | 2.74     | cps   |
| Molybdenum | 97-1  | 300      | 333      | 308      | 314      | 5.53     | cps   |
| Molybdenum | 98-1  | 1167     | 1158     | 1025     | 1117     | 7.12     | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Nickel     | 60-2  | 33       | 63       | 53       | 50       | 30.55    | cps   |
| Phosphorus | 31-2  | 17       | 33       | 8        | 19       | 65.47    | cps   |
| Potassium  | 39-2  | 3876     | 3551     | 3834     | 3753     | 4.71     | cps   |
| Rhodium    | 103-1 | 11502985 | 10887800 | 11057135 | 11149306 | 2.85     | cps   |
| Rhodium    | 103-2 | 3217713  | 3161258  | 3227882  | 3202284  | 1.12     | cps   |
| Scandium   | 45-1  | 7596905  | 7291003  | 7359067  | 7415658  | 2.17     | cps   |
| Scandium   | 45-2  | 70453    | 68343    | 69234    | 69343    | 1.53     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 2        | 4        | 6        | 4        | 50.09    | cps   |
| Selenium   | 82-1  | -1       | 34       | -32      | 0        | 20762.46 | cps   |
| Silicon    | 28-1  | 439421   | 431586   | 433690   | 434899   | 0.93     | cps   |
| Silver     | 109-1 | 133      | 133      | 125      | 131      | 3.68     | cps   |
| Silver     | 107-1 | 192      | 167      | 200      | 186      | 9.32     | cps   |
| Sodium     | 23-2  | 11589    | 12189    | 12064    | 11947    | 2.65     | cps   |
| Strontium  | 86-1  | 675      | 625      | 750      | 683      | 9.21     | cps   |
| Strontium  | 88-1  | 308      | 350      | 308      | 322      | 7.47     | cps   |
| Sulfur     | 34-1  | 434876   | 432433   | 432874   | 433394   | 0.30     | cps   |
| Terbium    | 159-1 | 13957984 | 13319546 | 13601799 | 13626443 | 2.35     | cps   |
| Terbium    | 159-2 | 3043282  | 2963804  | 3081645  | 3029577  | 1.98     | cps   |
| Thallium   | 203-1 | 558      | 492      | 592      | 547      | 9.31     | cps   |
| Thallium   | 205-1 | 1350     | 1358     | 1367     | 1358     | 0.61     | cps   |
| Tin        | 118-1 | 2700     | 2692     | 3271     | 2888     | 11.50    | cps   |
| Titanium   | 47-1  | 317      | 142      | 175      | 211      | 44.02    | cps   |
| Uranium    | 238-1 | 92       | 117      | 92       | 100      | 14.43    | cps   |
| Vanadium   | 51-2  | 7        | 10       | 3        | 7        | 50.03    | cps   |
| Yttrium    | 89-1  | 13270236 | 12291452 | 12514055 | 12691914 | 4.04     | cps   |
| Yttrium    | 89-2  | 431926   | 421000   | 437207   | 430044   | 1.92     | cps   |
| Zinc       | 66-2  | 63       | 33       | 60       | 52       | 31.49    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:39:18 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1142 | 1250 | 1200 | 1197    | 4.53   | cps   |
| Zirconium | 91-1 | 275  | 267  | 275  | 272     | 1.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:42:39 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 666701   | 661169   | 671538   | 666469   | 0.78   | cps   |
| Antimony   | 121-1 | 10138    | 10413    | 10705    | 10418    | 2.72   | cps   |
| Arsenic    | 75-2  | 33       | 31       | 43       | 36       | 16.63  | cps   |
| Barium     | 135-1 | 2684     | 2434     | 2409     | 2509     | 6.06   | cps   |
| Barium     | 137-1 | 4084     | 4251     | 4101     | 4145     | 2.22   | cps   |
| Beryllium  | 9-1   | 367      | 383      | 456      | 402      | 11.76  | cps   |
| Bismuth    | 209-1 | 7625595  | 7689283  | 7539126  | 7618001  | 0.99   | cps   |
| Bismuth    | 209-2 | 2190807  | 2183859  | 2074401  | 2149689  | 3.04   | cps   |
| Boron      | 10-1  | 1675     | 1692     | 1867     | 1745     | 6.09   | cps   |
| Boron      | 11-1  | 8036     | 7811     | 8336     | 8061     | 3.27   | cps   |
| Cadmium    | 111-1 | 2468     | 2392     | 2329     | 2396     | 2.89   | cps   |
| Cadmium    | 106-1 | 2734     | 2484     | 2625     | 2614     | 4.80   | cps   |
| Cadmium    | 108-1 | 1125     | 996      | 1167     | 1096     | 8.13   | cps   |
| Calcium    | 43-1  | 2020320  | 2011188  | 1993776  | 2008428  | 0.67   | cps   |
| Calcium    | 44-1  | 33081429 | 32606447 | 32494514 | 32727463 | 0.95   | cps   |
| Chromium   | 52-2  | 20081    | 20221    | 19874    | 20059    | 0.87   | cps   |
| Cobalt     | 59-2  | 2404     | 2277     | 2147     | 2276     | 5.64   | cps   |
| Copper     | 63-2  | 12572    | 12786    | 12666    | 12675    | 0.84   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 33       | 31       | 15.74  | cps   |
| Dysprosium | 156-2 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Erbium     | 164-1 | 108      | 58       | 83       | 83       | 30.00  | cps   |
| Erbium     | 164-2 | 10       | 20       | 13       | 14       | 35.26  | cps   |
| Gadolinium | 160-1 | 117      | 150      | 117      | 128      | 15.06  | cps   |
| Gadolinium | 160-2 | 10       | 30       | 23       | 21       | 48.24  | cps   |
| Holmium    | 165-1 | 13489703 | 13366338 | 13516621 | 13457554 | 0.60   | cps   |
| Holmium    | 165-2 | 3160980  | 3047651  | 3041551  | 3083394  | 2.18   | cps   |
| Indium     | 115-1 | 11844973 | 11769971 | 11524707 | 11713217 | 1.43   | cps   |
| Indium     | 115-2 | 552466   | 545700   | 538664   | 545610   | 1.26   | cps   |
| Iron       | 56-2  | 61153472 | 61320522 | 61267618 | 61247204 | 0.14   | cps   |
| Iron       | 57-2  | 1560105  | 1563929  | 1590302  | 1571445  | 1.05   | cps   |
| Krypton    | 83-1  | 413      | 537      | 450      | 467      | 13.57  | cps   |
| Lead       | 206-1 | 20907    | 20205    | 20756    | 20623    | 1.79   | cps   |
| Lead       | 207-1 | 16105    | 16600    | 16150    | 16285    | 1.68   | cps   |
| Lead       | 208-1 | 77427    | 76808    | 76864    | 77033    | 0.44   | cps   |
| Lithium    | 6-1   | 2023565  | 2041275  | 2032561  | 2032467  | 0.44   | cps   |
| Magnesium  | 24-2  | 3479724  | 3424958  | 3502892  | 3469191  | 1.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:42:39 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 2110     | 2120     | 2117     | 2116     | 0.24    | cps   |
| Molybdenum | 94-1  | 4051308  | 3931097  | 3922473  | 3968293  | 1.81    | cps   |
| Molybdenum | 95-1  | 6925109  | 6852487  | 6884839  | 6887478  | 0.53    | cps   |
| Molybdenum | 96-1  | 7354812  | 7375938  | 7423645  | 7384798  | 0.48    | cps   |
| Molybdenum | 97-1  | 4421389  | 4300012  | 4320126  | 4347176  | 1.50    | cps   |
| Molybdenum | 98-1  | 10978944 | 10915739 | 10971281 | 10955321 | 0.31    | cps   |
| Neodymium  | 150-1 | 60       | 67       | 33       | 53       | 33.08   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 3464     | 3474     | 3434     | 3457     | 0.60    | cps   |
| Phosphorus | 31-2  | 48075    | 49019    | 50659    | 49251    | 2.65    | cps   |
| Potassium  | 39-2  | 2000696  | 1978600  | 2001858  | 1993718  | 0.66    | cps   |
| Rhodium    | 103-1 | 11066991 | 10985072 | 10916050 | 10989371 | 0.69    | cps   |
| Rhodium    | 103-2 | 3147675  | 3108974  | 3059614  | 3105421  | 1.42    | cps   |
| Scandium   | 45-1  | 7780873  | 7855194  | 7711817  | 7782628  | 0.92    | cps   |
| Scandium   | 45-2  | 71643    | 70276    | 68808    | 70242    | 2.02    | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 2        | 4        | 9        | 5        | 78.12   | cps   |
| Selenium   | 82-1  | 43       | -75      | -73      | -35      | -194.16 | cps   |
| Silicon    | 28-1  | 566343   | 570668   | 568339   | 568450   | 0.38    | cps   |
| Silver     | 109-1 | 383      | 583      | 583      | 517      | 22.35   | cps   |
| Silver     | 107-1 | 583      | 525      | 783      | 631      | 21.49   | cps   |
| Sodium     | 23-2  | 8189329  | 8159950  | 8329151  | 8226144  | 1.10    | cps   |
| Strontium  | 86-1  | 78376    | 79708    | 80571    | 79552    | 1.39    | cps   |
| Strontium  | 88-1  | 670185   | 679244   | 670537   | 673322   | 0.76    | cps   |
| Sulfur     | 34-1  | 2662701  | 2702139  | 2680342  | 2681727  | 0.74    | cps   |
| Terbium    | 159-1 | 14190135 | 14091046 | 13930356 | 14070513 | 0.93    | cps   |
| Terbium    | 159-2 | 3048817  | 3003637  | 2932214  | 2994890  | 1.96    | cps   |
| Thallium   | 203-1 | 983      | 1117     | 1150     | 1083     | 8.14    | cps   |
| Thallium   | 205-1 | 2034     | 2334     | 2534     | 2300     | 10.94   | cps   |
| Tin        | 118-1 | 1884     | 2042     | 1750     | 1892     | 7.72    | cps   |
| Titanium   | 47-1  | 2067680  | 2060494  | 2076087  | 2068087  | 0.38    | cps   |
| Uranium    | 238-1 | 358      | 383      | 400      | 381      | 5.51    | cps   |
| Vanadium   | 51-2  | 123      | 180      | 127      | 143      | 22.18   | cps   |
| Yttrium    | 89-1  | 13202909 | 13250877 | 13197361 | 13217049 | 0.22    | cps   |
| Yttrium    | 89-2  | 442512   | 439767   | 431493   | 437924   | 1.31    | cps   |
| Zinc       | 66-2  | 1640     | 1740     | 1707     | 1696     | 3.00    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:42:39 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4693 | 4318 | 3676 | 4229    | 12.16  | cps   |
| Zirconium | 91-1 | 1150 | 1042 | 725  | 972     | 22.72  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:45:54 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 670797   | 665210   | 660005   | 665337   | 0.81   | cps   |
| Antimony   | 121-1 | 165566   | 167086   | 168035   | 166895   | 0.75   | cps   |
| Arsenic    | 75-2  | 2141     | 2061     | 2113     | 2105     | 1.92   | cps   |
| Barium     | 135-1 | 34446    | 35206    | 35332    | 34994    | 1.37   | cps   |
| Barium     | 137-1 | 60690    | 61318    | 61720    | 61242    | 0.85   | cps   |
| Beryllium  | 9-1   | 24059    | 24471    | 23420    | 23983    | 2.21   | cps   |
| Bismuth    | 209-1 | 7496981  | 7407073  | 7705244  | 7536433  | 2.03   | cps   |
| Bismuth    | 209-2 | 2151876  | 2178679  | 2200213  | 2176923  | 1.11   | cps   |
| Boron      | 10-1  | 8903     | 9770     | 9253     | 9309     | 4.69   | cps   |
| Boron      | 11-1  | 43199    | 42749    | 42472    | 42807    | 0.86   | cps   |
| Cadmium    | 111-1 | 37076    | 38222    | 37197    | 37498    | 1.68   | cps   |
| Cadmium    | 106-1 | 6660     | 6477     | 7077     | 6738     | 4.57   | cps   |
| Cadmium    | 108-1 | 3755     | 3826     | 3980     | 3853     | 2.99   | cps   |
| Calcium    | 43-1  | 2036119  | 2040263  | 2011597  | 2029327  | 0.76   | cps   |
| Calcium    | 44-1  | 32740659 | 32928990 | 32652491 | 32774047 | 0.43   | cps   |
| Chromium   | 52-2  | 39051    | 38149    | 38700    | 38633    | 1.18   | cps   |
| Cobalt     | 59-2  | 40051    | 40061    | 40312    | 40141    | 0.37   | cps   |
| Copper     | 63-2  | 45213    | 45033    | 44946    | 45064    | 0.30   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 58       | 33       | 75.01  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 33       | 25       | 67       | 42       | 52.92  | cps   |
| Erbium     | 164-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 108      | 133      | 133      | 125      | 11.55  | cps   |
| Gadolinium | 160-2 | 3        | 23       | 20       | 16       | 68.90  | cps   |
| Holmium    | 165-1 | 13122819 | 13264075 | 13471890 | 13286261 | 1.32   | cps   |
| Holmium    | 165-2 | 3098889  | 3090632  | 3151285  | 3113602  | 1.06   | cps   |
| Indium     | 115-1 | 11594023 | 11407490 | 11679883 | 11560465 | 1.20   | cps   |
| Indium     | 115-2 | 541427   | 541440   | 547909   | 543592   | 0.69   | cps   |
| Iron       | 56-2  | 60910674 | 60765471 | 61108190 | 60928112 | 0.28   | cps   |
| Iron       | 57-2  | 1558306  | 1593626  | 1557029  | 1569654  | 1.32   | cps   |
| Krypton    | 83-1  | 417      | 487      | 440      | 448      | 7.96   | cps   |
| Lead       | 206-1 | 108197   | 103172   | 105530   | 105633   | 2.38   | cps   |
| Lead       | 207-1 | 87372    | 89553    | 90297    | 89074    | 1.71   | cps   |
| Lead       | 208-1 | 412079   | 409029   | 415133   | 412081   | 0.74   | cps   |
| Lithium    | 6-1   | 2015254  | 1989873  | 2087096  | 2030741  | 2.48   | cps   |
| Magnesium  | 24-2  | 3457052  | 3435307  | 3435339  | 3442566  | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:45:54 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7462     | 7445     | 7522     | 7477     | 0.54   | cps   |
| Molybdenum | 94-1  | 4322094  | 4309893  | 4339040  | 4323675  | 0.34   | cps   |
| Molybdenum | 95-1  | 7058621  | 7058592  | 7120953  | 7079389  | 0.51   | cps   |
| Molybdenum | 96-1  | 7638917  | 7663164  | 7716603  | 7672895  | 0.52   | cps   |
| Molybdenum | 97-1  | 4534197  | 4496472  | 4514650  | 4515106  | 0.42   | cps   |
| Molybdenum | 98-1  | 11357029 | 11280230 | 11359048 | 11332102 | 0.40   | cps   |
| Neodymium  | 150-1 | 60       | 40       | 27       | 42       | 39.73  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 15038    | 14705    | 14861    | 14868    | 1.12   | cps   |
| Phosphorus | 31-2  | 49948    | 50207    | 48843    | 49666    | 1.46   | cps   |
| Potassium  | 39-2  | 2021465  | 1973605  | 1973007  | 1989359  | 1.40   | cps   |
| Rhodium    | 103-1 | 11019792 | 10781811 | 11127243 | 10976282 | 1.61   | cps   |
| Rhodium    | 103-2 | 3093119  | 3105603  | 3174265  | 3124329  | 1.40   | cps   |
| Scandium   | 45-1  | 7659948  | 7513040  | 7819160  | 7664049  | 2.00   | cps   |
| Scandium   | 45-2  | 69975    | 70560    | 72156    | 70897    | 1.59   | cps   |
| Selenium   | 77-2  | 10       | 10       | 30       | 17       | 69.28  | cps   |
| Selenium   | 78-2  | 67       | 46       | 56       | 56       | 18.16  | cps   |
| Selenium   | 82-1  | 2322     | 2326     | 2370     | 2339     | 1.14   | cps   |
| Silicon    | 28-1  | 774427   | 784753   | 777207   | 778795   | 0.69   | cps   |
| Silver     | 109-1 | 156957   | 155987   | 158682   | 157209   | 0.87   | cps   |
| Silver     | 107-1 | 164992   | 164965   | 167497   | 165818   | 0.88   | cps   |
| Sodium     | 23-2  | 8259519  | 8173441  | 8186889  | 8206617  | 0.56   | cps   |
| Strontium  | 86-1  | 197856   | 195371   | 197368   | 196865   | 0.67   | cps   |
| Strontium  | 88-1  | 1720159  | 1721269  | 1720881  | 1720770  | 0.03   | cps   |
| Sulfur     | 34-1  | 2684273  | 2715151  | 2633079  | 2677501  | 1.55   | cps   |
| Terbium    | 159-1 | 13711916 | 13939745 | 14152638 | 13934766 | 1.58   | cps   |
| Terbium    | 159-2 | 2983273  | 3016111  | 3041315  | 3013566  | 0.97   | cps   |
| Thallium   | 203-1 | 107881   | 109352   | 108891   | 108708   | 0.69   | cps   |
| Thallium   | 205-1 | 256264   | 255917   | 257653   | 256611   | 0.36   | cps   |
| Tin        | 118-1 | 282408   | 287129   | 285968   | 285168   | 0.86   | cps   |
| Titanium   | 47-1  | 2109231  | 2104998  | 2097889  | 2104039  | 0.27   | cps   |
| Uranium    | 238-1 | 786302   | 793509   | 794121   | 791311   | 0.55   | cps   |
| Vanadium   | 51-2  | 13433    | 13780    | 13397    | 13537    | 1.56   | cps   |
| Yttrium    | 89-1  | 12978539 | 12816442 | 13245862 | 13013615 | 1.67   | cps   |
| Yttrium    | 89-2  | 432955   | 436727   | 444143   | 437942   | 1.30   | cps   |
| Zinc       | 66-2  | 4674     | 4721     | 4668     | 4688     | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:45:54 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 617966 | 620967 | 625339 | 621424  | 0.60   | cps   |
| Zirconium | 91-1 | 134425 | 138550 | 140039 | 137672  | 2.11   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV096              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV096              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:49:08 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 364442   | 358670   | 358531   | 360548   | 0.94   | cps   |
| Antimony   | 121-1 | 4258838  | 4231403  | 4239921  | 4243387  | 0.33   | cps   |
| Arsenic    | 75-2  | 52425    | 52516    | 52367    | 52436    | 0.14   | cps   |
| Barium     | 135-1 | 4291228  | 4248057  | 4251719  | 4263668  | 0.56   | cps   |
| Barium     | 137-1 | 7377296  | 7447481  | 7282468  | 7369082  | 1.12   | cps   |
| Beryllium  | 9-1   | 596944   | 596959   | 596215   | 596706   | 0.07   | cps   |
| Bismuth    | 209-1 | 7838227  | 7810123  | 7830595  | 7826315  | 0.19   | cps   |
| Bismuth    | 209-2 | 2198573  | 2178362  | 2167601  | 2181512  | 0.72   | cps   |
| Boron      | 10-1  | 66638    | 69026    | 71755    | 69140    | 3.70   | cps   |
| Boron      | 11-1  | 321078   | 330777   | 335790   | 329215   | 2.27   | cps   |
| Cadmium    | 111-1 | 899522   | 897868   | 901346   | 899578   | 0.19   | cps   |
| Cadmium    | 106-1 | 96276    | 96889    | 98139    | 97102    | 0.98   | cps   |
| Cadmium    | 108-1 | 65538    | 65558    | 64884    | 65327    | 0.59   | cps   |
| Calcium    | 43-1  | 5086542  | 5097863  | 5111390  | 5098599  | 0.24   | cps   |
| Calcium    | 44-1  | 84815994 | 83504106 | 83914158 | 84078086 | 0.80   | cps   |
| Chromium   | 52-2  | 488104   | 489150   | 490463   | 489239   | 0.24   | cps   |
| Cobalt     | 59-2  | 951492   | 954769   | 948673   | 951645   | 0.32   | cps   |
| Copper     | 63-2  | 1629626  | 1604450  | 1600610  | 1611562  | 0.98   | cps   |
| Dysprosium | 156-1 | 75       | 100      | 108      | 94       | 18.37  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 20       | 10       | 88.20  | cps   |
| Erbium     | 164-1 | 58       | 75       | 33       | 56       | 37.75  | cps   |
| Erbium     | 164-2 | 10       | 17       | 13       | 13       | 25.01  | cps   |
| Gadolinium | 160-1 | 142      | 108      | 108      | 119      | 16.11  | cps   |
| Gadolinium | 160-2 | 3        | 13       | 10       | 9        | 57.30  | cps   |
| Holmium    | 165-1 | 13490928 | 13788294 | 13655195 | 13644806 | 1.09   | cps   |
| Holmium    | 165-2 | 3128300  | 3094805  | 3168675  | 3130593  | 1.18   | cps   |
| Indium     | 115-1 | 11574015 | 11659169 | 11583243 | 11605476 | 0.40   | cps   |
| Indium     | 115-2 | 537060   | 538189   | 547412   | 540887   | 1.05   | cps   |
| Iron       | 56-2  | 77209002 | 76146988 | 76562107 | 76639366 | 0.70   | cps   |
| Iron       | 57-2  | 1968690  | 1983970  | 1994115  | 1982258  | 0.65   | cps   |
| Krypton    | 83-1  | 470      | 470      | 410      | 450      | 7.70   | cps   |
| Lead       | 206-1 | 2302624  | 2286038  | 2310559  | 2299740  | 0.54   | cps   |
| Lead       | 207-1 | 2079149  | 2072881  | 2061335  | 2071122  | 0.44   | cps   |
| Lead       | 208-1 | 9387503  | 9347570  | 9314819  | 9349964  | 0.39   | cps   |
| Lithium    | 6-1   | 1988124  | 2010121  | 1993859  | 1997368  | 0.57   | cps   |
| Magnesium  | 24-2  | 8570767  | 8489753  | 8517706  | 8526075  | 0.48   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV096              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV096              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:49:08 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 267387   | 267354   | 265679   | 266807   | 0.37   | cps   |
| Molybdenum | 94-1  | 7504194  | 7469104  | 7503931  | 7492410  | 0.27   | cps   |
| Molybdenum | 95-1  | 9195228  | 9121528  | 9124262  | 9147006  | 0.46   | cps   |
| Molybdenum | 96-1  | 10106068 | 10172459 | 10254705 | 10177744 | 0.73   | cps   |
| Molybdenum | 97-1  | 5882749  | 5811299  | 5834917  | 5842988  | 0.62   | cps   |
| Molybdenum | 98-1  | 14781296 | 14748822 | 14739179 | 14756432 | 0.15   | cps   |
| Neodymium  | 150-1 | 247      | 167      | 213      | 209      | 19.24  | cps   |
| Neodymium  | 150-2 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Nickel     | 60-2  | 283514   | 285207   | 280083   | 282934   | 0.92   | cps   |
| Phosphorus | 31-2  | 4951     | 5160     | 5201     | 5104     | 2.63   | cps   |
| Potassium  | 39-2  | 2467859  | 2441740  | 2418777  | 2442792  | 1.01   | cps   |
| Rhodium    | 103-1 | 10887403 | 10839848 | 10889180 | 10872144 | 0.26   | cps   |
| Rhodium    | 103-2 | 3052519  | 3030111  | 3075982  | 3052871  | 0.75   | cps   |
| Scandium   | 45-1  | 7601631  | 7578413  | 7627767  | 7602603  | 0.32   | cps   |
| Scandium   | 45-2  | 69241    | 68504    | 70202    | 69315    | 1.23   | cps   |
| Selenium   | 77-2  | 357      | 383      | 450      | 397      | 12.12  | cps   |
| Selenium   | 78-2  | 1369     | 1296     | 1359     | 1341     | 2.93   | cps   |
| Selenium   | 82-1  | 59223    | 59432    | 59746    | 59467    | 0.44   | cps   |
| Silicon    | 28-1  | 2309306  | 2332997  | 2342910  | 2328404  | 0.74   | cps   |
| Silver     | 109-1 | 4213081  | 4239565  | 4230338  | 4227662  | 0.32   | cps   |
| Silver     | 107-1 | 4474811  | 4476422  | 4479061  | 4476765  | 0.05   | cps   |
| Sodium     | 23-2  | 20202226 | 19859195 | 20098638 | 20053353 | 0.88   | cps   |
| Strontium  | 86-1  | 1221360  | 1236638  | 1222603  | 1226867  | 0.69   | cps   |
| Strontium  | 88-1  | 10544845 | 10556642 | 10427898 | 10509795 | 0.68   | cps   |
| Sulfur     | 34-1  | 725773   | 717296   | 719244   | 720771   | 0.62   | cps   |
| Terbium    | 159-1 | 14169521 | 14136389 | 14434244 | 14246718 | 1.15   | cps   |
| Terbium    | 159-2 | 3022211  | 3034984  | 3036785  | 3031326  | 0.26   | cps   |
| Thallium   | 203-1 | 2834927  | 2864390  | 2804237  | 2834518  | 1.06   | cps   |
| Thallium   | 205-1 | 6665042  | 6654210  | 6665099  | 6661450  | 0.09   | cps   |
| Tin        | 118-1 | 2952576  | 2926979  | 2914975  | 2931510  | 0.66   | cps   |
| Titanium   | 47-1  | 2621409  | 2605290  | 2607979  | 2611559  | 0.33   | cps   |
| Uranium    | 238-1 | 8487174  | 8508016  | 8403872  | 8466354  | 0.65   | cps   |
| Vanadium   | 51-2  | 351334   | 350785   | 347786   | 349968   | 0.55   | cps   |
| Yttrium    | 89-1  | 13059736 | 13144872 | 13007504 | 13070704 | 0.53   | cps   |
| Yttrium    | 89-2  | 431625   | 432849   | 437170   | 433881   | 0.67   | cps   |
| Zinc       | 66-2  | 143256   | 143809   | 144850   | 143972   | 0.56   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV096              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV096              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 16:49:08 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6328791 | 6322102 | 6320841 | 6323911 | 0.07   | cps   |
| Zirconium | 91-1 | 1420933 | 1430519 | 1425193 | 1425548 | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB096              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB096              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:55:16 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 33       | 50       | 44       | 21.66  | cps   |
| Antimony   | 121-1 | 3117     | 3301     | 2692     | 3037     | 10.28  | cps   |
| Arsenic    | 75-2  | 2        | 9        | 4        | 5        | 78.12  | cps   |
| Barium     | 135-1 | 42       | 92       | 42       | 58       | 49.48  | cps   |
| Barium     | 137-1 | 75       | 67       | 83       | 75       | 11.11  | cps   |
| Beryllium  | 9-1   | 89       | 67       | 72       | 76       | 15.23  | cps   |
| Bismuth    | 209-1 | 8078564  | 8314413  | 8020671  | 8137882  | 1.91   | cps   |
| Bismuth    | 209-2 | 2344875  | 2245669  | 2264682  | 2285075  | 2.30   | cps   |
| Boron      | 10-1  | 1592     | 1684     | 1450     | 1575     | 7.46   | cps   |
| Boron      | 11-1  | 7110     | 7386     | 7319     | 7272     | 1.97   | cps   |
| Cadmium    | 111-1 | 1751     | 2018     | 1654     | 1808     | 10.41  | cps   |
| Cadmium    | 106-1 | 2459     | 2875     | 2350     | 2561     | 10.82  | cps   |
| Cadmium    | 108-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Calcium    | 43-1  | 983      | 892      | 783      | 886      | 11.30  | cps   |
| Calcium    | 44-1  | 29574    | 30092    | 29992    | 29886    | 0.92   | cps   |
| Chromium   | 52-2  | 730      | 713      | 750      | 731      | 2.51   | cps   |
| Cobalt     | 59-2  | 70       | 100      | 97       | 89       | 18.50  | cps   |
| Copper     | 63-2  | 453      | 490      | 433      | 459      | 6.26   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 50       | 50       | 44       | 21.66  | cps   |
| Erbium     | 164-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Gadolinium | 160-1 | 92       | 117      | 83       | 97       | 17.84  | cps   |
| Gadolinium | 160-2 | 23       | 17       | 10       | 17       | 39.99  | cps   |
| Holmium    | 165-1 | 13414490 | 13834161 | 13563250 | 13603967 | 1.56   | cps   |
| Holmium    | 165-2 | 3183796  | 2967170  | 3059514  | 3070160  | 3.54   | cps   |
| Indium     | 115-1 | 11763299 | 12011196 | 11775711 | 11850069 | 1.18   | cps   |
| Indium     | 115-2 | 555003   | 519733   | 542910   | 539215   | 3.32   | cps   |
| Iron       | 56-2  | 2684     | 2539     | 2817     | 2680     | 5.18   | cps   |
| Iron       | 57-2  | 94       | 89       | 83       | 89       | 6.25   | cps   |
| Krypton    | 83-1  | 397      | 393      | 503      | 431      | 14.51  | cps   |
| Lead       | 206-1 | 611      | 617      | 550      | 593      | 6.24   | cps   |
| Lead       | 207-1 | 528      | 711      | 589      | 609      | 15.32  | cps   |
| Lead       | 208-1 | 2428     | 2617     | 2506     | 2517     | 3.77   | cps   |
| Lithium    | 6-1   | 1976763  | 2045395  | 2042832  | 2021664  | 1.92   | cps   |
| Magnesium  | 24-2  | 275      | 292      | 350      | 306      | 12.89  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB096              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB096              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:55:16 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 30       | 33       | 43       | 36       | 19.51   | cps   |
| Molybdenum | 94-1  | 1342     | 1350     | 1008     | 1233     | 15.80   | cps   |
| Molybdenum | 95-1  | 1375     | 1117     | 1142     | 1211     | 11.77   | cps   |
| Molybdenum | 96-1  | 1467     | 1508     | 1242     | 1406     | 10.21   | cps   |
| Molybdenum | 97-1  | 825      | 1017     | 858      | 900      | 11.38   | cps   |
| Molybdenum | 98-1  | 2225     | 1892     | 1850     | 1989     | 10.33   | cps   |
| Neodymium  | 150-1 | 20       | 33       | 0        | 18       | 94.37   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 40       | 23       | 30       | 31       | 26.97   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21  | cps   |
| Potassium  | 39-2  | 3801     | 3726     | 3684     | 3737     | 1.58    | cps   |
| Rhodium    | 103-1 | 11182260 | 11536408 | 11340255 | 11352974 | 1.56    | cps   |
| Rhodium    | 103-2 | 3209327  | 3020177  | 3185532  | 3138345  | 3.28    | cps   |
| Scandium   | 45-1  | 7195810  | 7617675  | 7411624  | 7408370  | 2.85    | cps   |
| Scandium   | 45-2  | 67633    | 64597    | 67928    | 66719    | 2.76    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30   | cps   |
| Selenium   | 82-1  | 51       | 8        | -92      | -11      | -672.72 | cps   |
| Silicon    | 28-1  | 414366   | 411837   | 416352   | 414185   | 0.55    | cps   |
| Silver     | 109-1 | 433      | 325      | 358      | 372      | 14.91   | cps   |
| Silver     | 107-1 | 400      | 492      | 308      | 400      | 22.92   | cps   |
| Sodium     | 23-2  | 12681    | 13415    | 12172    | 12756    | 4.90    | cps   |
| Strontium  | 86-1  | 725      | 617      | 708      | 683      | 8.54    | cps   |
| Strontium  | 88-1  | 150      | 267      | 167      | 194      | 32.45   | cps   |
| Sulfur     | 34-1  | 417815   | 415001   | 417639   | 416818   | 0.38    | cps   |
| Terbium    | 159-1 | 13735299 | 14382589 | 13938136 | 14018675 | 2.36    | cps   |
| Terbium    | 159-2 | 3067734  | 2885708  | 2943982  | 2965808  | 3.13    | cps   |
| Thallium   | 203-1 | 917      | 950      | 900      | 922      | 2.76    | cps   |
| Thallium   | 205-1 | 1850     | 2084     | 1909     | 1947     | 6.24    | cps   |
| Tin        | 118-1 | 1242     | 1175     | 1167     | 1195     | 3.44    | cps   |
| Titanium   | 47-1  | 233      | 167      | 317      | 239      | 31.46   | cps   |
| Uranium    | 238-1 | 117      | 125      | 108      | 117      | 7.14    | cps   |
| Vanadium   | 51-2  | 10       | 3        | 10       | 8        | 49.52   | cps   |
| Yttrium    | 89-1  | 12736084 | 13350504 | 12918143 | 13001577 | 2.43    | cps   |
| Yttrium    | 89-2  | 431782   | 402845   | 422329   | 418985   | 3.52    | cps   |
| Zinc       | 66-2  | 23       | 37       | 37       | 32       | 23.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB096              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB096              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:55:16 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1642 | 1675 | 1684 | 1667    | 1.32   | cps   |
| Zirconium | 91-1 | 367  | 358  | 367  | 364     | 1.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:58:36 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25       | 25       | 33       | 28       | 17.33  | cps   |
| Antimony   | 121-1 | 1625     | 1600     | 1467     | 1564     | 5.44   | cps   |
| Arsenic    | 75-2  | 2        | 2        | 9        | 4        | 99.03  | cps   |
| Barium     | 135-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Barium     | 137-1 | 83       | 75       | 75       | 78       | 6.19   | cps   |
| Beryllium  | 9-1   | 61       | 94       | 78       | 78       | 21.43  | cps   |
| Bismuth    | 209-1 | 7977301  | 8393048  | 8217119  | 8195823  | 2.55   | cps   |
| Bismuth    | 209-2 | 2396534  | 2221404  | 2257004  | 2291647  | 4.04   | cps   |
| Boron      | 10-1  | 1125     | 1317     | 1200     | 1214     | 7.96   | cps   |
| Boron      | 11-1  | 5201     | 5251     | 5401     | 5285     | 1.97   | cps   |
| Cadmium    | 111-1 | 1742     | 1889     | 1882     | 1838     | 4.51   | cps   |
| Cadmium    | 106-1 | 2475     | 2667     | 2675     | 2606     | 4.34   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 17       | 13       | 57.72  | cps   |
| Calcium    | 43-1  | 692      | 758      | 725      | 725      | 4.60   | cps   |
| Calcium    | 44-1  | 29532    | 29507    | 29248    | 29429    | 0.53   | cps   |
| Chromium   | 52-2  | 713      | 803      | 737      | 751      | 6.22   | cps   |
| Cobalt     | 59-2  | 50       | 120      | 127      | 99       | 42.95  | cps   |
| Copper     | 63-2  | 433      | 463      | 420      | 439      | 5.06   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 25       | 42       | 42       | 36       | 26.65  | cps   |
| Erbium     | 164-2 | 13       | 3        | 13       | 10       | 57.75  | cps   |
| Gadolinium | 160-1 | 42       | 50       | 92       | 61       | 43.83  | cps   |
| Gadolinium | 160-2 | 3        | 20       | 10       | 11       | 75.52  | cps   |
| Holmium    | 165-1 | 13223141 | 13784144 | 13391567 | 13466284 | 2.14   | cps   |
| Holmium    | 165-2 | 3190480  | 3006478  | 3023060  | 3073339  | 3.31   | cps   |
| Indium     | 115-1 | 11531640 | 12216084 | 11959764 | 11902496 | 2.91   | cps   |
| Indium     | 115-2 | 557522   | 533475   | 540871   | 543956   | 2.26   | cps   |
| Iron       | 56-2  | 2228     | 1939     | 2161     | 2109     | 7.17   | cps   |
| Iron       | 57-2  | 50       | 78       | 61       | 63       | 22.21  | cps   |
| Krypton    | 83-1  | 410      | 443      | 417      | 423      | 4.17   | cps   |
| Lead       | 206-1 | 533      | 433      | 583      | 517      | 14.78  | cps   |
| Lead       | 207-1 | 439      | 428      | 472      | 446      | 5.18   | cps   |
| Lead       | 208-1 | 2117     | 1767     | 2139     | 2008     | 10.40  | cps   |
| Lithium    | 6-1   | 1960987  | 2109568  | 2043524  | 2038027  | 3.65   | cps   |
| Magnesium  | 24-2  | 233      | 292      | 208      | 244      | 17.49  | cps   |

LB Number : LB95676 Operator : Jaswal  
 Lab Sample ID : PBW Instrumnet Name : P8  
 Client Sample ID : PBW Dilution Factor : 1  
 Date & Time Acquired :: 2018-05-25 16:58:36 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 43       | 30       | 10       | 28       | 60.40    | cps   |
| Molybdenum | 94-1  | 858      | 775      | 758      | 797      | 6.72     | cps   |
| Molybdenum | 95-1  | 600      | 708      | 550      | 619      | 13.07    | cps   |
| Molybdenum | 96-1  | 917      | 825      | 683      | 808      | 14.54    | cps   |
| Molybdenum | 97-1  | 408      | 500      | 400      | 436      | 12.72    | cps   |
| Molybdenum | 98-1  | 975      | 1075     | 1117     | 1056     | 6.90     | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Nickel     | 60-2  | 40       | 60       | 40       | 47       | 24.74    | cps   |
| Phosphorus | 31-2  | 8        | 17       | 0        | 8        | 100.02   | cps   |
| Potassium  | 39-2  | 3409     | 3692     | 3784     | 3628     | 5.39     | cps   |
| Rhodium    | 103-1 | 11042544 | 11632092 | 11372811 | 11349149 | 2.60     | cps   |
| Rhodium    | 103-2 | 3254003  | 3062058  | 3145285  | 3153782  | 3.05     | cps   |
| Scandium   | 45-1  | 7190832  | 7683200  | 7439526  | 7437853  | 3.31     | cps   |
| Scandium   | 45-2  | 68598    | 66301    | 65821    | 66907    | 2.22     | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60    | cps   |
| Selenium   | 78-2  | 4        | 9        | 2        | 5        | 78.12    | cps   |
| Selenium   | 82-1  | 10       | -20      | 9        | 0        | -5783.27 | cps   |
| Silicon    | 28-1  | 421232   | 419306   | 418253   | 419597   | 0.36     | cps   |
| Silver     | 109-1 | 150      | 250      | 217      | 206      | 24.77    | cps   |
| Silver     | 107-1 | 225      | 317      | 225      | 256      | 20.71    | cps   |
| Sodium     | 23-2  | 11355    | 11513    | 11555    | 11475    | 0.92     | cps   |
| Strontium  | 86-1  | 742      | 642      | 708      | 697      | 7.30     | cps   |
| Strontium  | 88-1  | 192      | 150      | 133      | 158      | 18.98    | cps   |
| Sulfur     | 34-1  | 425596   | 429174   | 422852   | 425874   | 0.74     | cps   |
| Terbium    | 159-1 | 13768901 | 14380411 | 13951365 | 14033559 | 2.24     | cps   |
| Terbium    | 159-2 | 3086175  | 2904492  | 2944092  | 2978253  | 3.21     | cps   |
| Thallium   | 203-1 | 492      | 767      | 692      | 650      | 21.87    | cps   |
| Thallium   | 205-1 | 1559     | 1775     | 1625     | 1653     | 6.71     | cps   |
| Tin        | 118-1 | 975      | 983      | 908      | 956      | 4.30     | cps   |
| Titanium   | 47-1  | 267      | 233      | 200      | 233      | 14.29    | cps   |
| Uranium    | 238-1 | 108      | 50       | 50       | 69       | 48.50    | cps   |
| Vanadium   | 51-2  | 7        | 13       | 13       | 11       | 34.61    | cps   |
| Yttrium    | 89-1  | 12657474 | 13246494 | 12885141 | 12929703 | 2.30     | cps   |
| Yttrium    | 89-2  | 433878   | 414641   | 417137   | 421885   | 2.48     | cps   |
| Zinc       | 66-2  | 27       | 17       | 27       | 23       | 24.74    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBW                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 16:58:36 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1333 | 1183 | 1308 | 1275    | 6.30   | cps   |
| Zirconium | 91-1 | 358  | 242  | 250  | 283     | 22.97  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:01:56 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 350      | 283      | 158      | 264      | 36.87  | cps   |
| Antimony   | 121-1 | 32532    | 32917    | 32140    | 32530    | 1.19   | cps   |
| Arsenic    | 75-2  | 213      | 181      | 206      | 200      | 8.23   | cps   |
| Barium     | 135-1 | 32040    | 31438    | 31296    | 31592    | 1.25   | cps   |
| Barium     | 137-1 | 55216    | 53367    | 54631    | 54405    | 1.74   | cps   |
| Beryllium  | 9-1   | 2406     | 2372     | 2345     | 2374     | 1.29   | cps   |
| Bismuth    | 209-1 | 8118400  | 8331457  | 8152700  | 8200852  | 1.39   | cps   |
| Bismuth    | 209-2 | 2285350  | 2144666  | 2280501  | 2236839  | 3.57   | cps   |
| Boron      | 10-1  | 7511     | 6560     | 7444     | 7172     | 7.40   | cps   |
| Boron      | 11-1  | 32262    | 33565    | 34542    | 33457    | 3.42   | cps   |
| Cadmium    | 111-1 | 5718     | 5332     | 4912     | 5321     | 7.58   | cps   |
| Cadmium    | 106-1 | 3209     | 2959     | 2667     | 2945     | 9.21   | cps   |
| Cadmium    | 108-1 | 267      | 271      | 288      | 275      | 4.01   | cps   |
| Calcium    | 43-1  | 19556    | 19356    | 20107    | 19673    | 1.98   | cps   |
| Calcium    | 44-1  | 333499   | 334445   | 335025   | 334323   | 0.23   | cps   |
| Chromium   | 52-2  | 4344     | 4434     | 4187     | 4322     | 2.89   | cps   |
| Cobalt     | 59-2  | 3871     | 3767     | 3657     | 3765     | 2.83   | cps   |
| Copper     | 63-2  | 6662     | 6595     | 6588     | 6615     | 0.61   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 92       | 92       | 75       | 86       | 11.18  | cps   |
| Erbium     | 164-2 | 7        | 13       | 10       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Gadolinium | 160-2 | 7        | 17       | 17       | 13       | 43.29  | cps   |
| Holmium    | 165-1 | 13287119 | 13855274 | 13471207 | 13537866 | 2.14   | cps   |
| Holmium    | 165-2 | 3108416  | 2912476  | 3064390  | 3028427  | 3.39   | cps   |
| Indium     | 115-1 | 11518726 | 12108813 | 12052419 | 11893319 | 2.74   | cps   |
| Indium     | 115-2 | 541029   | 516243   | 538957   | 532076   | 2.58   | cps   |
| Iron       | 56-2  | 234642   | 233677   | 233732   | 234017   | 0.23   | cps   |
| Iron       | 57-2  | 5929     | 5996     | 6051     | 5992     | 1.02   | cps   |
| Krypton    | 83-1  | 420      | 510      | 483      | 471      | 9.81   | cps   |
| Lead       | 206-1 | 9604     | 9265     | 9837     | 9569     | 3.01   | cps   |
| Lead       | 207-1 | 8447     | 8370     | 8192     | 8336     | 1.57   | cps   |
| Lead       | 208-1 | 37867    | 37512    | 38123    | 37834    | 0.81   | cps   |
| Lithium    | 6-1   | 1991302  | 2090307  | 2040468  | 2040692  | 2.43   | cps   |
| Magnesium  | 24-2  | 32973    | 33724    | 33657    | 33452    | 1.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:01:56 | DataFile Name :   | 019LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 473      | 567      | 613      | 551      | 12.94  | cps   |
| Molybdenum | 94-1  | 27754    | 29215    | 28756    | 28575    | 2.61   | cps   |
| Molybdenum | 95-1  | 34879    | 34328    | 33985    | 34397    | 1.31   | cps   |
| Molybdenum | 96-1  | 37696    | 38915    | 38581    | 38397    | 1.64   | cps   |
| Molybdenum | 97-1  | 21610    | 21752    | 21685    | 21682    | 0.33   | cps   |
| Molybdenum | 98-1  | 54594    | 55607    | 53256    | 54486    | 2.16   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1237     | 1083     | 1057     | 1126     | 8.63   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 0        | 11       | 86.60  | cps   |
| Potassium  | 39-2  | 22244    | 21551    | 22268    | 22021    | 1.85   | cps   |
| Rhodium    | 103-1 | 11148429 | 11578758 | 11398627 | 11375271 | 1.90   | cps   |
| Rhodium    | 103-2 | 3134999  | 3027319  | 3113317  | 3091878  | 1.84   | cps   |
| Scandium   | 45-1  | 7255449  | 7543153  | 7575007  | 7457870  | 2.36   | cps   |
| Scandium   | 45-2  | 68327    | 63258    | 66897    | 66160    | 3.95   | cps   |
| Selenium   | 77-2  | 10       | 17       | 10       | 12       | 31.50  | cps   |
| Selenium   | 78-2  | 24       | 17       | 39       | 27       | 42.63  | cps   |
| Selenium   | 82-1  | 1191     | 1043     | 1071     | 1102     | 7.14   | cps   |
| Silicon    | 28-1  | 532572   | 530658   | 538383   | 533871   | 0.75   | cps   |
| Silver     | 109-1 | 16962    | 16352    | 16127    | 16480    | 2.62   | cps   |
| Silver     | 107-1 | 17262    | 17270    | 17971    | 17501    | 2.33   | cps   |
| Sodium     | 23-2  | 87560    | 88198    | 88575    | 88111    | 0.58   | cps   |
| Strontium  | 86-1  | 5268     | 5418     | 5009     | 5232     | 3.95   | cps   |
| Strontium  | 88-1  | 40838    | 38614    | 39024    | 39492    | 3.00   | cps   |
| Sulfur     | 34-1  | 426281   | 428446   | 429601   | 428109   | 0.39   | cps   |
| Terbium    | 159-1 | 13752816 | 14430196 | 14152167 | 14111727 | 2.41   | cps   |
| Terbium    | 159-2 | 3040674  | 2816572  | 2966224  | 2941157  | 3.88   | cps   |
| Thallium   | 203-1 | 11523    | 10947    | 11364    | 11278    | 2.64   | cps   |
| Thallium   | 205-1 | 27614    | 26713    | 28583    | 27637    | 3.39   | cps   |
| Tin        | 118-1 | 55199    | 54947    | 55399    | 55181    | 0.41   | cps   |
| Titanium   | 47-1  | 10329    | 9462     | 10179    | 9990     | 4.64   | cps   |
| Uranium    | 238-1 | 32135    | 31190    | 32627    | 31984    | 2.28   | cps   |
| Vanadium   | 51-2  | 6111     | 6292     | 6188     | 6197     | 1.46   | cps   |
| Yttrium    | 89-1  | 12532337 | 13133786 | 12963356 | 12876493 | 2.41   | cps   |
| Yttrium    | 89-2  | 421184   | 401911   | 420451   | 414515   | 2.63   | cps   |
| Zinc       | 66-2  | 590      | 633      | 653      | 626      | 5.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSW                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSW                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:01:56 | DataFile Name :   | 019LCSE.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 28021 | 26819 | 27261 | 27367   | 2.22   | cps   |
| Zirconium | 91-1 | 6218  | 6277  | 5526  | 6007    | 6.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:05:16 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 17       | 17       | 28       | 69.27  | cps   |
| Antimony   | 121-1 | 825      | 842      | 817      | 828      | 1.54   | cps   |
| Arsenic    | 75-2  | 0        | 0        | 9        | 3        | 173.21 | cps   |
| Barium     | 135-1 | 33       | 58       | 67       | 53       | 32.86  | cps   |
| Barium     | 137-1 | 100      | 58       | 67       | 75       | 29.40  | cps   |
| Beryllium  | 9-1   | 56       | 61       | 56       | 57       | 5.58   | cps   |
| Bismuth    | 209-1 | 7797578  | 8394839  | 7791854  | 7994757  | 4.33   | cps   |
| Bismuth    | 209-2 | 2309984  | 2286305  | 2247870  | 2281386  | 1.37   | cps   |
| Boron      | 10-1  | 1125     | 1258     | 1083     | 1156     | 7.91   | cps   |
| Boron      | 11-1  | 5218     | 5401     | 5018     | 5212     | 3.68   | cps   |
| Cadmium    | 111-1 | 1727     | 1895     | 1789     | 1804     | 4.72   | cps   |
| Cadmium    | 106-1 | 2509     | 2700     | 2542     | 2584     | 3.96   | cps   |
| Cadmium    | 108-1 | 42       | 17       | 4        | 21       | 91.64  | cps   |
| Calcium    | 43-1  | 658      | 708      | 675      | 681      | 3.74   | cps   |
| Calcium    | 44-1  | 28371    | 28054    | 27720    | 28049    | 1.16   | cps   |
| Chromium   | 52-2  | 670      | 800      | 837      | 769      | 11.39  | cps   |
| Cobalt     | 59-2  | 73       | 70       | 63       | 69       | 7.39   | cps   |
| Copper     | 63-2  | 453      | 423      | 390      | 422      | 7.50   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 50       | 25       | 33       | 43.30  | cps   |
| Erbium     | 164-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 100      | 92       | 58       | 83       | 26.46  | cps   |
| Gadolinium | 160-2 | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Holmium    | 165-1 | 12963575 | 13806824 | 13025390 | 13265263 | 3.54   | cps   |
| Holmium    | 165-2 | 3139073  | 3056178  | 3034395  | 3076549  | 1.80   | cps   |
| Indium     | 115-1 | 11446977 | 12094947 | 11330691 | 11624205 | 3.54   | cps   |
| Indium     | 115-2 | 552732   | 534984   | 540406   | 542708   | 1.68   | cps   |
| Iron       | 56-2  | 1750     | 1906     | 1739     | 1798     | 5.18   | cps   |
| Iron       | 57-2  | 61       | 39       | 50       | 50       | 22.22  | cps   |
| Krypton    | 83-1  | 450      | 413      | 410      | 424      | 5.23   | cps   |
| Lead       | 206-1 | 428      | 400      | 367      | 398      | 7.69   | cps   |
| Lead       | 207-1 | 317      | 400      | 272      | 330      | 19.68  | cps   |
| Lead       | 208-1 | 1628     | 1683     | 1456     | 1589     | 7.48   | cps   |
| Lithium    | 6-1   | 1970355  | 2067278  | 1968049  | 2001894  | 2.83   | cps   |
| Magnesium  | 24-2  | 292      | 208      | 333      | 278      | 22.91  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:05:16 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 43       | 30       | 30       | 34       | 22.34   | cps   |
| Molybdenum | 94-1  | 692      | 542      | 550      | 594      | 14.18   | cps   |
| Molybdenum | 95-1  | 383      | 333      | 350      | 356      | 7.16    | cps   |
| Molybdenum | 96-1  | 550      | 458      | 450      | 486      | 11.41   | cps   |
| Molybdenum | 97-1  | 283      | 225      | 208      | 239      | 16.48   | cps   |
| Molybdenum | 98-1  | 617      | 608      | 542      | 589      | 6.98    | cps   |
| Neodymium  | 150-1 | 7        | 13       | 13       | 11       | 34.61   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 47       | 20       | 33       | 33       | 40.01   | cps   |
| Phosphorus | 31-2  | 0        | 17       | 0        | 6        | 173.21  | cps   |
| Potassium  | 39-2  | 3451     | 3284     | 3526     | 3420     | 3.62    | cps   |
| Rhodium    | 103-1 | 11042200 | 11573375 | 10875185 | 11163587 | 3.27    | cps   |
| Rhodium    | 103-2 | 3219559  | 3131638  | 3115494  | 3155564  | 1.77    | cps   |
| Scandium   | 45-1  | 7256062  | 7759354  | 7213655  | 7409690  | 4.10    | cps   |
| Scandium   | 45-2  | 66933    | 67245    | 66397    | 66858    | 0.64    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 4        | 0        | 2        | 2        | 100.00  | cps   |
| Selenium   | 82-1  | -30      | 18       | -9       | -7       | -333.75 | cps   |
| Silicon    | 28-1  | 422198   | 445288   | 413227   | 426904   | 3.87    | cps   |
| Silver     | 109-1 | 150      | 167      | 100      | 139      | 24.98   | cps   |
| Silver     | 107-1 | 225      | 250      | 125      | 200      | 33.07   | cps   |
| Sodium     | 23-2  | 10396    | 10563    | 10429    | 10463    | 0.84    | cps   |
| Strontium  | 86-1  | 758      | 708      | 633      | 700      | 8.99    | cps   |
| Strontium  | 88-1  | 92       | 67       | 75       | 78       | 16.37   | cps   |
| Sulfur     | 34-1  | 428716   | 430421   | 432877   | 430671   | 0.49    | cps   |
| Terbium    | 159-1 | 13579883 | 14287319 | 13671574 | 13846259 | 2.78    | cps   |
| Terbium    | 159-2 | 3026730  | 2927507  | 2969472  | 2974570  | 1.67    | cps   |
| Thallium   | 203-1 | 467      | 533      | 642      | 547      | 16.14   | cps   |
| Thallium   | 205-1 | 1225     | 1125     | 1434     | 1261     | 12.48   | cps   |
| Tin        | 118-1 | 917      | 867      | 767      | 850      | 8.98    | cps   |
| Titanium   | 47-1  | 242      | 267      | 217      | 242      | 10.34   | cps   |
| Uranium    | 238-1 | 50       | 25       | 33       | 36       | 35.25   | cps   |
| Vanadium   | 51-2  | 3        | 3        | 3        | 3        | 0.00    | cps   |
| Yttrium    | 89-1  | 12547136 | 13144142 | 12459522 | 12716933 | 2.93    | cps   |
| Yttrium    | 89-2  | 425636   | 417237   | 415103   | 419325   | 1.33    | cps   |
| Zinc       | 66-2  | 23       | 30       | 20       | 24       | 20.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | PBS                 | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:05:16 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1067 | 1233 | 1175 | 1158    | 7.30   | cps   |
| Zirconium | 91-1 | 342  | 217  | 208  | 256     | 29.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:08:35 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 225      | 292      | 283      | 267      | 13.62  | cps   |
| Antimony   | 121-1 | 30895    | 30820    | 31137    | 30951    | 0.54   | cps   |
| Arsenic    | 75-2  | 196      | 200      | 146      | 181      | 16.58  | cps   |
| Barium     | 135-1 | 30720    | 30870    | 30420    | 30670    | 0.75   | cps   |
| Barium     | 137-1 | 55493    | 53961    | 53752    | 54402    | 1.75   | cps   |
| Beryllium  | 9-1   | 2284     | 2361     | 2245     | 2297     | 2.59   | cps   |
| Bismuth    | 209-1 | 7796071  | 8275295  | 8045065  | 8038810  | 2.98   | cps   |
| Bismuth    | 209-2 | 2329549  | 2231023  | 2191134  | 2250569  | 3.17   | cps   |
| Boron      | 10-1  | 7160     | 7019     | 7052     | 7077     | 1.05   | cps   |
| Boron      | 11-1  | 31419    | 32437    | 32613    | 32156    | 2.01   | cps   |
| Cadmium    | 111-1 | 4820     | 5399     | 5386     | 5202     | 6.36   | cps   |
| Cadmium    | 106-1 | 2559     | 3167     | 2917     | 2881     | 10.62  | cps   |
| Cadmium    | 108-1 | 275      | 300      | 242      | 272      | 10.75  | cps   |
| Calcium    | 43-1  | 19189    | 19306    | 19806    | 19434    | 1.69   | cps   |
| Calcium    | 44-1  | 331348   | 326998   | 332125   | 330157   | 0.84   | cps   |
| Chromium   | 52-2  | 4171     | 4257     | 4444     | 4291     | 3.26   | cps   |
| Cobalt     | 59-2  | 3857     | 3851     | 3797     | 3835     | 0.86   | cps   |
| Copper     | 63-2  | 6558     | 6602     | 6818     | 6659     | 2.09   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 83       | 33       | 83       | 67       | 43.31  | cps   |
| Erbium     | 164-2 | 13       | 10       | 13       | 12       | 15.73  | cps   |
| Gadolinium | 160-1 | 58       | 50       | 75       | 61       | 20.83  | cps   |
| Gadolinium | 160-2 | 7        | 20       | 10       | 12       | 56.76  | cps   |
| Holmium    | 165-1 | 12646167 | 13944106 | 13542876 | 13377717 | 4.97   | cps   |
| Holmium    | 165-2 | 3151790  | 3020116  | 2984960  | 3052289  | 2.88   | cps   |
| Indium     | 115-1 | 11357315 | 12163604 | 11812371 | 11777763 | 3.43   | cps   |
| Indium     | 115-2 | 556347   | 532002   | 525673   | 538007   | 3.01   | cps   |
| Iron       | 56-2  | 232541   | 229227   | 229268   | 230345   | 0.83   | cps   |
| Iron       | 57-2  | 5679     | 5418     | 5685     | 5594     | 2.73   | cps   |
| Krypton    | 83-1  | 470      | 447      | 463      | 460      | 2.61   | cps   |
| Lead       | 206-1 | 8753     | 9220     | 8742     | 8905     | 3.06   | cps   |
| Lead       | 207-1 | 8047     | 8175     | 8031     | 8084     | 0.98   | cps   |
| Lead       | 208-1 | 36143    | 36705    | 35888    | 36245    | 1.15   | cps   |
| Lithium    | 6-1   | 1962256  | 2076889  | 2041160  | 2026768  | 2.89   | cps   |
| Magnesium  | 24-2  | 32655    | 31770    | 31870    | 32098    | 1.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:08:35 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 553      | 537      | 547      | 546      | 1.54   | cps   |
| Molybdenum | 94-1  | 28948    | 28264    | 27754    | 28322    | 2.12   | cps   |
| Molybdenum | 95-1  | 33835    | 32281    | 33651    | 33256    | 2.55   | cps   |
| Molybdenum | 96-1  | 37344    | 37118    | 37821    | 37428    | 0.96   | cps   |
| Molybdenum | 97-1  | 20884    | 21000    | 20900    | 20928    | 0.30   | cps   |
| Molybdenum | 98-1  | 54260    | 54955    | 51240    | 53485    | 3.69   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 1133     | 1117     | 1130     | 1127     | 0.78   | cps   |
| Phosphorus | 31-2  | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Potassium  | 39-2  | 21692    | 21300    | 20516    | 21170    | 2.83   | cps   |
| Rhodium    | 103-1 | 10797509 | 11663530 | 11257176 | 11239405 | 3.86   | cps   |
| Rhodium    | 103-2 | 3230197  | 3111140  | 3054280  | 3131872  | 2.87   | cps   |
| Scandium   | 45-1  | 7133834  | 7624084  | 7488989  | 7415636  | 3.41   | cps   |
| Scandium   | 45-2  | 69383    | 66020    | 63921    | 66441    | 4.15   | cps   |
| Selenium   | 77-2  | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 19       | 24       | 39       | 27       | 38.77  | cps   |
| Selenium   | 82-1  | 1119     | 1113     | 1066     | 1099     | 2.61   | cps   |
| Silicon    | 28-1  | 531701   | 530413   | 533709   | 531941   | 0.31   | cps   |
| Silver     | 109-1 | 16486    | 16494    | 16310    | 16430    | 0.63   | cps   |
| Silver     | 107-1 | 17796    | 17671    | 16861    | 17443    | 2.91   | cps   |
| Sodium     | 23-2  | 85599    | 87367    | 87628    | 86865    | 1.27   | cps   |
| Strontium  | 86-1  | 5218     | 4926     | 4834     | 4993     | 4.01   | cps   |
| Strontium  | 88-1  | 37453    | 38899    | 37569    | 37974    | 2.12   | cps   |
| Sulfur     | 34-1  | 435384   | 433923   | 433261   | 434189   | 0.25   | cps   |
| Terbium    | 159-1 | 13381958 | 14395390 | 14285646 | 14020998 | 3.97   | cps   |
| Terbium    | 159-2 | 3020255  | 2906922  | 2839456  | 2922211  | 3.13   | cps   |
| Thallium   | 203-1 | 11322    | 11064    | 11539    | 11308    | 2.10   | cps   |
| Thallium   | 205-1 | 26679    | 26470    | 26028    | 26392    | 1.26   | cps   |
| Tin        | 118-1 | 53826    | 53960    | 54270    | 54019    | 0.42   | cps   |
| Titanium   | 47-1  | 9487     | 9162     | 9787     | 9479     | 3.30   | cps   |
| Uranium    | 238-1 | 30931    | 31624    | 29987    | 30848    | 2.66   | cps   |
| Vanadium   | 51-2  | 6438     | 5968     | 6412     | 6273     | 4.21   | cps   |
| Yttrium    | 89-1  | 12167431 | 13236424 | 12859286 | 12754381 | 4.25   | cps   |
| Yttrium    | 89-2  | 429445   | 412769   | 405347   | 415854   | 2.97   | cps   |
| Zinc       | 66-2  | 560      | 603      | 540      | 568      | 5.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | LCSS                | Instrumnet Name : | P8        |
| Client Sample ID :      | LCSS                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:08:35 | DataFile Name :   | 021LCSE.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 25583 | 25650 | 24723 | 25319   | 2.04   | cps   |
| Zirconium | 91-1 | 5793  | 5560  | 5810  | 5721    | 2.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-15        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-15        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:11:56 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 58       | 42       | 83       | 70.00  | cps   |
| Antimony   | 121-1 | 2917     | 2909     | 2684     | 2837     | 4.67   | cps   |
| Arsenic    | 75-2  | 41       | 19       | 44       | 35       | 40.56  | cps   |
| Barium     | 135-1 | 2309     | 2575     | 2300     | 2395     | 6.53   | cps   |
| Barium     | 137-1 | 4526     | 4168     | 4159     | 4284     | 4.89   | cps   |
| Beryllium  | 9-1   | 389      | 361      | 372      | 374      | 3.74   | cps   |
| Bismuth    | 209-1 | 7975746  | 8203903  | 8106692  | 8095447  | 1.41   | cps   |
| Bismuth    | 209-2 | 2334311  | 2089499  | 2268616  | 2230809  | 5.68   | cps   |
| Boron      | 10-1  | 983      | 1017     | 925      | 975      | 4.76   | cps   |
| Boron      | 11-1  | 5235     | 5018     | 4601     | 4951     | 6.50   | cps   |
| Cadmium    | 111-1 | 2106     | 2374     | 2378     | 2286     | 6.82   | cps   |
| Cadmium    | 106-1 | 2400     | 2759     | 2675     | 2611     | 7.18   | cps   |
| Cadmium    | 108-1 | 71       | 58       | 58       | 63       | 11.56  | cps   |
| Calcium    | 43-1  | 1275     | 1433     | 1358     | 1356     | 5.84   | cps   |
| Calcium    | 44-1  | 36373    | 37986    | 38120    | 37493    | 2.59   | cps   |
| Chromium   | 52-2  | 1093     | 973      | 990      | 1019     | 6.38   | cps   |
| Cobalt     | 59-2  | 697      | 617      | 647      | 653      | 6.19   | cps   |
| Copper     | 63-2  | 1420     | 1263     | 1430     | 1371     | 6.82   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 42       | 67       | 100      | 69       | 42.14  | cps   |
| Erbium     | 164-2 | 20       | 7        | 13       | 13       | 49.99  | cps   |
| Gadolinium | 160-1 | 83       | 83       | 58       | 75       | 19.24  | cps   |
| Gadolinium | 160-2 | 13       | 7        | 27       | 16       | 65.47  | cps   |
| Holmium    | 165-1 | 13249539 | 13634523 | 13460623 | 13448228 | 1.43   | cps   |
| Holmium    | 165-2 | 3118055  | 2828161  | 3009635  | 2985284  | 4.91   | cps   |
| Indium     | 115-1 | 11584367 | 11897561 | 11753154 | 11745027 | 1.33   | cps   |
| Indium     | 115-2 | 549404   | 498224   | 539379   | 529002   | 5.13   | cps   |
| Iron       | 56-2  | 11472    | 11010    | 10760    | 11081    | 3.26   | cps   |
| Iron       | 57-2  | 261      | 239      | 267      | 256      | 5.75   | cps   |
| Krypton    | 83-1  | 470      | 353      | 453      | 426      | 14.83  | cps   |
| Lead       | 206-1 | 1756     | 1667     | 1778     | 1734     | 3.39   | cps   |
| Lead       | 207-1 | 1522     | 1539     | 1317     | 1459     | 8.48   | cps   |
| Lead       | 208-1 | 7012     | 6818     | 6551     | 6794     | 3.41   | cps   |
| Lithium    | 6-1   | 1991514  | 2071878  | 2023180  | 2028857  | 2.00   | cps   |
| Magnesium  | 24-2  | 1483     | 1150     | 1242     | 1292     | 13.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-15        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-15        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:11:56 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 133      | 180      | 207      | 173      | 21.41  | cps   |
| Molybdenum | 94-1  | 4426     | 4351     | 4518     | 4431     | 1.88   | cps   |
| Molybdenum | 95-1  | 5401     | 5393     | 5885     | 5560     | 5.07   | cps   |
| Molybdenum | 96-1  | 5676     | 6619     | 5860     | 6052     | 8.25   | cps   |
| Molybdenum | 97-1  | 3484     | 3276     | 3559     | 3439     | 4.27   | cps   |
| Molybdenum | 98-1  | 8495     | 8712     | 8520     | 8575     | 1.38   | cps   |
| Neodymium  | 150-1 | 13       | 20       | 20       | 18       | 21.66  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 217      | 250      | 217      | 228      | 8.45   | cps   |
| Phosphorus | 31-2  | 17       | 33       | 8        | 19       | 65.47  | cps   |
| Potassium  | 39-2  | 4151     | 3576     | 3526     | 3751     | 9.26   | cps   |
| Rhodium    | 103-1 | 11319446 | 11530409 | 11249254 | 11366370 | 1.29   | cps   |
| Rhodium    | 103-2 | 3223187  | 2921852  | 3126879  | 3090639  | 4.98   | cps   |
| Scandium   | 45-1  | 7350733  | 7483187  | 7439837  | 7424586  | 0.91   | cps   |
| Scandium   | 45-2  | 69217    | 61936    | 66872    | 66009    | 5.63   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 9        | 4        | 7        | 7        | 41.70  | cps   |
| Selenium   | 82-1  | 178      | 315      | 266      | 253      | 27.34  | cps   |
| Silicon    | 28-1  | 424576   | 424851   | 423496   | 424307   | 0.17   | cps   |
| Silver     | 109-1 | 2575     | 2884     | 2684     | 2714     | 5.76   | cps   |
| Silver     | 107-1 | 3067     | 2717     | 2717     | 2834     | 7.13   | cps   |
| Sodium     | 23-2  | 12915    | 13749    | 12598    | 13087    | 4.54   | cps   |
| Strontium  | 86-1  | 1575     | 1517     | 1450     | 1514     | 4.13   | cps   |
| Strontium  | 88-1  | 6168     | 6127     | 6302     | 6199     | 1.48   | cps   |
| Sulfur     | 34-1  | 435494   | 437403   | 435178   | 436025   | 0.28   | cps   |
| Terbium    | 159-1 | 13631068 | 14151194 | 13900836 | 13894366 | 1.87   | cps   |
| Terbium    | 159-2 | 3046221  | 2717924  | 2998322  | 2920822  | 6.07   | cps   |
| Thallium   | 203-1 | 2067     | 2000     | 2250     | 2106     | 6.15   | cps   |
| Thallium   | 205-1 | 5243     | 4876     | 5085     | 5068     | 3.63   | cps   |
| Tin        | 118-1 | 2459     | 2709     | 2484     | 2550     | 5.40   | cps   |
| Titanium   | 47-1  | 1600     | 1684     | 1684     | 1656     | 2.91   | cps   |
| Uranium    | 238-1 | 4910     | 4926     | 4418     | 4751     | 6.08   | cps   |
| Vanadium   | 51-2  | 220      | 213      | 277      | 237      | 14.71  | cps   |
| Yttrium    | 89-1  | 12688087 | 12987977 | 12745888 | 12807317 | 1.24   | cps   |
| Yttrium    | 89-2  | 429143   | 388645   | 417709   | 411832   | 5.07   | cps   |
| Zinc       | 66-2  | 123      | 110      | 120      | 118      | 5.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-15        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-15        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:11:56 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3901 | 4059 | 3926 | 3962    | 2.15   | cps   |
| Zirconium | 91-1 | 900  | 833  | 867  | 867     | 3.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-16        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-16        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:15:16 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 42       | 67       | 53       | 24.12  | cps   |
| Antimony   | 121-1 | 2334     | 2834     | 2542     | 2570     | 9.78   | cps   |
| Arsenic    | 75-2  | 35       | 44       | 41       | 40       | 11.60  | cps   |
| Barium     | 135-1 | 2467     | 2359     | 2517     | 2448     | 3.31   | cps   |
| Barium     | 137-1 | 4284     | 4184     | 4401     | 4290     | 2.53   | cps   |
| Beryllium  | 9-1   | 378      | 378      | 411      | 389      | 4.95   | cps   |
| Bismuth    | 209-1 | 7900714  | 8246166  | 7960386  | 8035756  | 2.30   | cps   |
| Bismuth    | 209-2 | 2339517  | 2268459  | 2308672  | 2305549  | 1.55   | cps   |
| Boron      | 10-1  | 875      | 933      | 683      | 831      | 15.75  | cps   |
| Boron      | 11-1  | 4159     | 4059     | 3867     | 4029     | 3.68   | cps   |
| Cadmium    | 111-1 | 2344     | 2347     | 2219     | 2303     | 3.16   | cps   |
| Cadmium    | 106-1 | 2559     | 2600     | 2392     | 2517     | 4.38   | cps   |
| Cadmium    | 108-1 | 67       | 46       | 67       | 60       | 20.15  | cps   |
| Calcium    | 43-1  | 1417     | 1250     | 1342     | 1336     | 6.25   | cps   |
| Calcium    | 44-1  | 38070    | 37518    | 37075    | 37554    | 1.33   | cps   |
| Chromium   | 52-2  | 977      | 930      | 883      | 930      | 5.02   | cps   |
| Cobalt     | 59-2  | 603      | 590      | 653      | 616      | 5.42   | cps   |
| Copper     | 63-2  | 1353     | 1337     | 1323     | 1338     | 1.12   | cps   |
| Dysprosium | 156-1 | 42       | 8        | 17       | 22       | 78.07  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 67       | 50       | 42       | 53       | 24.12  | cps   |
| Erbium     | 164-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 100      | 92       | 75       | 89       | 14.32  | cps   |
| Gadolinium | 160-2 | 10       | 13       | 7        | 10       | 33.30  | cps   |
| Holmium    | 165-1 | 13097568 | 13664598 | 13455402 | 13405856 | 2.14   | cps   |
| Holmium    | 165-2 | 3168248  | 3022004  | 3094867  | 3095040  | 2.36   | cps   |
| Indium     | 115-1 | 11482396 | 12085130 | 11655475 | 11741000 | 2.64   | cps   |
| Indium     | 115-2 | 548096   | 533656   | 548562   | 543438   | 1.56   | cps   |
| Iron       | 56-2  | 10777    | 10426    | 10571    | 10591    | 1.66   | cps   |
| Iron       | 57-2  | 267      | 217      | 217      | 233      | 12.37  | cps   |
| Krypton    | 83-1  | 487      | 477      | 437      | 467      | 5.67   | cps   |
| Lead       | 206-1 | 1572     | 1611     | 1439     | 1541     | 5.86   | cps   |
| Lead       | 207-1 | 1395     | 1395     | 1417     | 1402     | 0.92   | cps   |
| Lead       | 208-1 | 6340     | 6606     | 6156     | 6368     | 3.55   | cps   |
| Lithium    | 6-1   | 1989226  | 2065362  | 2043480  | 2032689  | 1.93   | cps   |
| Magnesium  | 24-2  | 1200     | 1392     | 1133     | 1242     | 10.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-16        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-16        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:15:16 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 153      | 197      | 130      | 160      | 21.14  | cps   |
| Molybdenum | 94-1  | 4509     | 4343     | 4659     | 4504     | 3.52   | cps   |
| Molybdenum | 95-1  | 5135     | 5143     | 5385     | 5221     | 2.72   | cps   |
| Molybdenum | 96-1  | 5685     | 6077     | 5460     | 5740     | 5.44   | cps   |
| Molybdenum | 97-1  | 3334     | 3284     | 3159     | 3259     | 2.77   | cps   |
| Molybdenum | 98-1  | 8478     | 8361     | 8511     | 8450     | 0.93   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 13       | 11       | 91.66  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 243      | 170      | 163      | 192      | 23.09  | cps   |
| Phosphorus | 31-2  | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Potassium  | 39-2  | 3726     | 3917     | 3876     | 3840     | 2.63   | cps   |
| Rhodium    | 103-1 | 11191792 | 11605764 | 11305514 | 11367690 | 1.88   | cps   |
| Rhodium    | 103-2 | 3219623  | 3126868  | 3210042  | 3185511  | 1.60   | cps   |
| Scandium   | 45-1  | 7372690  | 7562040  | 7387137  | 7440622  | 1.42   | cps   |
| Scandium   | 45-2  | 67727    | 66159    | 67362    | 67083    | 1.22   | cps   |
| Selenium   | 77-2  | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Selenium   | 78-2  | 7        | 13       | 9        | 10       | 28.61  | cps   |
| Selenium   | 82-1  | 266      | 230      | 237      | 244      | 7.95   | cps   |
| Silicon    | 28-1  | 424207   | 421942   | 423805   | 423318   | 0.29   | cps   |
| Silver     | 109-1 | 2542     | 2717     | 2184     | 2481     | 10.96  | cps   |
| Silver     | 107-1 | 2692     | 2759     | 2609     | 2687     | 2.80   | cps   |
| Sodium     | 23-2  | 12756    | 13173    | 12131    | 12687    | 4.14   | cps   |
| Strontium  | 86-1  | 1325     | 1208     | 1258     | 1264     | 4.63   | cps   |
| Strontium  | 88-1  | 5310     | 6052     | 5710     | 5690     | 6.53   | cps   |
| Sulfur     | 34-1  | 436395   | 438940   | 440305   | 438547   | 0.45   | cps   |
| Terbium    | 159-1 | 13649308 | 14166884 | 13826783 | 13880991 | 1.89   | cps   |
| Terbium    | 159-2 | 3057789  | 2962534  | 2962876  | 2994400  | 1.83   | cps   |
| Thallium   | 203-1 | 1817     | 2059     | 2109     | 1995     | 7.82   | cps   |
| Thallium   | 205-1 | 4709     | 4851     | 4893     | 4818     | 2.00   | cps   |
| Tin        | 118-1 | 2267     | 2050     | 2692     | 2336     | 13.97  | cps   |
| Titanium   | 47-1  | 1600     | 1717     | 1550     | 1622     | 5.27   | cps   |
| Uranium    | 238-1 | 4801     | 4701     | 4676     | 4726     | 1.40   | cps   |
| Vanadium   | 51-2  | 207      | 193      | 200      | 200      | 3.33   | cps   |
| Yttrium    | 89-1  | 12521133 | 13102916 | 12599081 | 12741043 | 2.48   | cps   |
| Yttrium    | 89-2  | 431327   | 416643   | 424539   | 424170   | 1.73   | cps   |
| Zinc       | 66-2  | 120      | 120      | 127      | 122      | 3.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-16        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-16        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:15:16 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4109 | 3909 | 4151 | 4056    | 3.19   | cps   |
| Zirconium | 91-1 | 817  | 733  | 1000 | 850     | 16.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-17        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-17        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:18:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92       | 42       | 33       | 56       | 56.78  | cps   |
| Antimony   | 121-1 | 2584     | 2450     | 2934     | 2656     | 9.40   | cps   |
| Arsenic    | 75-2  | 46       | 43       | 31       | 40       | 19.22  | cps   |
| Barium     | 135-1 | 2434     | 2750     | 2517     | 2567     | 6.40   | cps   |
| Barium     | 137-1 | 4468     | 4268     | 4101     | 4279     | 4.29   | cps   |
| Beryllium  | 9-1   | 372      | 394      | 439      | 402      | 8.45   | cps   |
| Bismuth    | 209-1 | 7945086  | 8165940  | 7955298  | 8022108  | 1.55   | cps   |
| Bismuth    | 209-2 | 2314394  | 2231259  | 2269406  | 2271687  | 1.83   | cps   |
| Boron      | 10-1  | 717      | 742      | 850      | 770      | 9.21   | cps   |
| Boron      | 11-1  | 3284     | 3242     | 3376     | 3301     | 2.07   | cps   |
| Cadmium    | 111-1 | 2428     | 2317     | 2363     | 2369     | 2.35   | cps   |
| Cadmium    | 106-1 | 2584     | 2559     | 2625     | 2589     | 1.30   | cps   |
| Cadmium    | 108-1 | 50       | 17       | 29       | 32       | 52.71  | cps   |
| Calcium    | 43-1  | 1508     | 1208     | 1367     | 1361     | 11.03  | cps   |
| Calcium    | 44-1  | 36482    | 37075    | 37234    | 36930    | 1.07   | cps   |
| Chromium   | 52-2  | 900      | 1037     | 920      | 952      | 7.75   | cps   |
| Cobalt     | 59-2  | 683      | 667      | 677      | 676      | 1.24   | cps   |
| Copper     | 63-2  | 1533     | 1453     | 1427     | 1471     | 3.77   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 67       | 25       | 44       | 47.19  | cps   |
| Erbium     | 164-2 | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Gadolinium | 160-1 | 83       | 58       | 42       | 61       | 34.32  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Holmium    | 165-1 | 13224200 | 13687233 | 13197216 | 13369550 | 2.06   | cps   |
| Holmium    | 165-2 | 3154408  | 3049932  | 3025509  | 3076616  | 2.23   | cps   |
| Indium     | 115-1 | 11634627 | 11988793 | 11700963 | 11774794 | 1.60   | cps   |
| Indium     | 115-2 | 553022   | 536859   | 541740   | 543874   | 1.52   | cps   |
| Iron       | 56-2  | 10899    | 10877    | 11060    | 10945    | 0.91   | cps   |
| Iron       | 57-2  | 339      | 300      | 267      | 302      | 11.97  | cps   |
| Krypton    | 83-1  | 397      | 373      | 357      | 376      | 5.35   | cps   |
| Lead       | 206-1 | 1583     | 1606     | 1595     | 1595     | 0.70   | cps   |
| Lead       | 207-1 | 1756     | 1261     | 1356     | 1458     | 18.01  | cps   |
| Lead       | 208-1 | 6890     | 6151     | 6529     | 6523     | 5.67   | cps   |
| Lithium    | 6-1   | 2018957  | 2082566  | 2041532  | 2047685  | 1.57   | cps   |
| Magnesium  | 24-2  | 1225     | 1317     | 1292     | 1278     | 3.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-17        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-17        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:18:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 193      | 183      | 180      | 186      | 3.74   | cps   |
| Molybdenum | 94-1  | 4684     | 4734     | 4643     | 4687     | 0.98   | cps   |
| Molybdenum | 95-1  | 5285     | 5485     | 5543     | 5437     | 2.49   | cps   |
| Molybdenum | 96-1  | 6352     | 5918     | 5576     | 5949     | 6.53   | cps   |
| Molybdenum | 97-1  | 3392     | 3492     | 3084     | 3323     | 6.41   | cps   |
| Molybdenum | 98-1  | 8862     | 9003     | 8336     | 8734     | 4.02   | cps   |
| Neodymium  | 150-1 | 20       | 40       | 13       | 24       | 56.78  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 207      | 200      | 217      | 208      | 4.04   | cps   |
| Phosphorus | 31-2  | 8        | 25       | 0        | 11       | 114.58 | cps   |
| Potassium  | 39-2  | 3601     | 3501     | 3651     | 3584     | 2.13   | cps   |
| Rhodium    | 103-1 | 11174756 | 11602524 | 11080097 | 11285792 | 2.47   | cps   |
| Rhodium    | 103-2 | 3198721  | 3139096  | 3182587  | 3173468  | 0.97   | cps   |
| Scandium   | 45-1  | 7396807  | 7714045  | 7351810  | 7487554  | 2.64   | cps   |
| Scandium   | 45-2  | 69582    | 66471    | 67241    | 67765    | 2.39   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 19       | 17       | 6        | 14       | 51.61  | cps   |
| Selenium   | 82-1  | 290      | 330      | 336      | 319      | 7.91   | cps   |
| Silicon    | 28-1  | 424066   | 423799   | 421739   | 423201   | 0.30   | cps   |
| Silver     | 109-1 | 2667     | 2784     | 2859     | 2770     | 3.49   | cps   |
| Silver     | 107-1 | 2842     | 3084     | 3075     | 3000     | 4.57   | cps   |
| Sodium     | 23-2  | 12448    | 12414    | 12481    | 12448    | 0.27   | cps   |
| Strontium  | 86-1  | 1400     | 1525     | 1150     | 1358     | 14.06  | cps   |
| Strontium  | 88-1  | 6035     | 5735     | 5868     | 5879     | 2.56   | cps   |
| Sulfur     | 34-1  | 441133   | 442886   | 438070   | 440696   | 0.55   | cps   |
| Terbium    | 159-1 | 13712759 | 14200070 | 13663160 | 13858663 | 2.14   | cps   |
| Terbium    | 159-2 | 3031802  | 2956169  | 2961264  | 2983078  | 1.42   | cps   |
| Thallium   | 203-1 | 2175     | 2125     | 1967     | 2089     | 5.21   | cps   |
| Thallium   | 205-1 | 5118     | 4626     | 4859     | 4868     | 5.05   | cps   |
| Tin        | 118-1 | 2359     | 2442     | 2442     | 2414     | 1.99   | cps   |
| Titanium   | 47-1  | 1592     | 1667     | 1517     | 1592     | 4.71   | cps   |
| Uranium    | 238-1 | 4668     | 4826     | 4826     | 4773     | 1.92   | cps   |
| Vanadium   | 51-2  | 213      | 207      | 150      | 190      | 18.32  | cps   |
| Yttrium    | 89-1  | 12684592 | 13009518 | 12632745 | 12775618 | 1.60   | cps   |
| Yttrium    | 89-2  | 431701   | 416860   | 421900   | 423487   | 1.78   | cps   |
| Zinc       | 66-2  | 90       | 113      | 127      | 110      | 16.87  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-17        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-17        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:18:36 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4276 | 4159 | 4201 | 4212    | 1.40   | cps   |
| Zirconium | 91-1 | 842  | 992  | 800  | 878     | 11.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-18        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-18        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:21:57 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 67       | 67       | 78       | 24.75  | cps   |
| Antimony   | 121-1 | 2700     | 2384     | 2667     | 2584     | 6.74   | cps   |
| Arsenic    | 75-2  | 28       | 26       | 28       | 27       | 3.93   | cps   |
| Barium     | 135-1 | 2417     | 2284     | 2692     | 2464     | 8.45   | cps   |
| Barium     | 137-1 | 4768     | 3992     | 4193     | 4318     | 9.32   | cps   |
| Beryllium  | 9-1   | 356      | 461      | 378      | 398      | 13.98  | cps   |
| Bismuth    | 209-1 | 7904189  | 8202984  | 8003132  | 8036769  | 1.89   | cps   |
| Bismuth    | 209-2 | 2297422  | 2204658  | 2304520  | 2268867  | 2.46   | cps   |
| Boron      | 10-1  | 592      | 692      | 700      | 661      | 9.12   | cps   |
| Boron      | 11-1  | 3050     | 2867     | 3351     | 3089     | 7.90   | cps   |
| Cadmium    | 111-1 | 2291     | 2183     | 2227     | 2234     | 2.43   | cps   |
| Cadmium    | 106-1 | 2517     | 2367     | 2434     | 2439     | 3.08   | cps   |
| Cadmium    | 108-1 | 42       | 46       | 63       | 50       | 22.05  | cps   |
| Calcium    | 43-1  | 1450     | 1308     | 1058     | 1272     | 15.59  | cps   |
| Calcium    | 44-1  | 37067    | 37034    | 37133    | 37078    | 0.14   | cps   |
| Chromium   | 52-2  | 980      | 920      | 900      | 933      | 4.46   | cps   |
| Cobalt     | 59-2  | 683      | 617      | 590      | 630      | 7.63   | cps   |
| Copper     | 63-2  | 1327     | 1343     | 1243     | 1305     | 4.11   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 33       | 11       | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 58       | 17       | 42       | 52.91  | cps   |
| Erbium     | 164-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Gadolinium | 160-1 | 67       | 108      | 117      | 97       | 27.55  | cps   |
| Gadolinium | 160-2 | 7        | 17       | 13       | 12       | 41.65  | cps   |
| Holmium    | 165-1 | 13223406 | 13651652 | 12984334 | 13286464 | 2.54   | cps   |
| Holmium    | 165-2 | 3109022  | 2965912  | 3057043  | 3043992  | 2.38   | cps   |
| Indium     | 115-1 | 11626903 | 11966483 | 11669285 | 11754224 | 1.57   | cps   |
| Indium     | 115-2 | 553847   | 524599   | 543229   | 540558   | 2.74   | cps   |
| Iron       | 56-2  | 10821    | 11121    | 10543    | 10829    | 2.67   | cps   |
| Iron       | 57-2  | 244      | 239      | 272      | 252      | 7.09   | cps   |
| Krypton    | 83-1  | 447      | 390      | 463      | 433      | 8.87   | cps   |
| Lead       | 206-1 | 1500     | 1611     | 1706     | 1606     | 6.41   | cps   |
| Lead       | 207-1 | 1445     | 1522     | 1361     | 1443     | 5.59   | cps   |
| Lead       | 208-1 | 6412     | 6173     | 6468     | 6351     | 2.46   | cps   |
| Lithium    | 6-1   | 1960090  | 2053194  | 2051041  | 2021441  | 2.63   | cps   |
| Magnesium  | 24-2  | 1317     | 1150     | 1192     | 1220     | 7.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-18        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-18        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:21:57 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 200      | 183      | 180      | 188      | 5.71   | cps   |
| Molybdenum | 94-1  | 4793     | 4376     | 4276     | 4482     | 6.12   | cps   |
| Molybdenum | 95-1  | 5210     | 5285     | 4943     | 5146     | 3.49   | cps   |
| Molybdenum | 96-1  | 6002     | 6210     | 5768     | 5993     | 3.69   | cps   |
| Molybdenum | 97-1  | 3384     | 3484     | 3342     | 3403     | 2.14   | cps   |
| Molybdenum | 98-1  | 8712     | 8320     | 8245     | 8425     | 2.98   | cps   |
| Neodymium  | 150-1 | 13       | 7        | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 190      | 243      | 190      | 208      | 14.82  | cps   |
| Phosphorus | 31-2  | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 3759     | 3459     | 3776     | 3665     | 4.86   | cps   |
| Rhodium    | 103-1 | 11275686 | 11571985 | 11132448 | 11326706 | 1.98   | cps   |
| Rhodium    | 103-2 | 3265185  | 3056371  | 3149670  | 3157075  | 3.31   | cps   |
| Scandium   | 45-1  | 7402012  | 7737053  | 7431781  | 7523616  | 2.46   | cps   |
| Scandium   | 45-2  | 68250    | 65333    | 66789    | 66791    | 2.18   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 13       | 9        | 11       | 11       | 16.65  | cps   |
| Selenium   | 82-1  | 215      | 340      | 227      | 261      | 26.40  | cps   |
| Silicon    | 28-1  | 423691   | 427940   | 420908   | 424180   | 0.83   | cps   |
| Silver     | 109-1 | 2667     | 2692     | 2609     | 2656     | 1.61   | cps   |
| Silver     | 107-1 | 2642     | 2667     | 2634     | 2648     | 0.65   | cps   |
| Sodium     | 23-2  | 12072    | 12765    | 12398    | 12412    | 2.79   | cps   |
| Strontium  | 86-1  | 1325     | 1275     | 1283     | 1295     | 2.07   | cps   |
| Strontium  | 88-1  | 6235     | 6385     | 6535     | 6385     | 2.35   | cps   |
| Sulfur     | 34-1  | 439663   | 441294   | 445166   | 442041   | 0.64   | cps   |
| Terbium    | 159-1 | 13553644 | 14235226 | 13805206 | 13864692 | 2.49   | cps   |
| Terbium    | 159-2 | 2998830  | 2868449  | 2957635  | 2941638  | 2.27   | cps   |
| Thallium   | 203-1 | 2217     | 2217     | 1884     | 2106     | 9.14   | cps   |
| Thallium   | 205-1 | 4568     | 5001     | 4526     | 4698     | 5.60   | cps   |
| Tin        | 118-1 | 2409     | 2575     | 2409     | 2464     | 3.91   | cps   |
| Titanium   | 47-1  | 1467     | 1508     | 1884     | 1620     | 14.17  | cps   |
| Uranium    | 238-1 | 4659     | 4701     | 4659     | 4673     | 0.52   | cps   |
| Vanadium   | 51-2  | 197      | 233      | 223      | 218      | 8.70   | cps   |
| Yttrium    | 89-1  | 12646339 | 13071316 | 12740932 | 12819529 | 1.74   | cps   |
| Yttrium    | 89-2  | 431662   | 406393   | 422721   | 420259   | 3.05   | cps   |
| Zinc       | 66-2  | 123      | 123      | 140      | 129      | 7.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-18        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-18        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:21:57 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4243 | 4268 | 4017 | 4176    | 3.30   | cps   |
| Zirconium | 91-1 | 808  | 1000 | 900  | 903     | 10.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-19        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-19        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:25:17 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 58       | 50       | 58       | 14.29  | cps   |
| Antimony   | 121-1 | 2467     | 2459     | 2392     | 2439     | 1.69   | cps   |
| Arsenic    | 75-2  | 30       | 31       | 26       | 29       | 9.74   | cps   |
| Barium     | 135-1 | 2225     | 2334     | 2525     | 2361     | 6.43   | cps   |
| Barium     | 137-1 | 3876     | 4226     | 4243     | 4115     | 5.03   | cps   |
| Beryllium  | 9-1   | 361      | 389      | 478      | 409      | 14.89  | cps   |
| Bismuth    | 209-1 | 7860219  | 8115891  | 7638293  | 7871468  | 3.04   | cps   |
| Bismuth    | 209-2 | 2309888  | 2263768  | 2291835  | 2288497  | 1.02   | cps   |
| Boron      | 10-1  | 667      | 625      | 592      | 628      | 5.99   | cps   |
| Boron      | 11-1  | 2709     | 2892     | 2725     | 2775     | 3.65   | cps   |
| Cadmium    | 111-1 | 2405     | 2166     | 2265     | 2278     | 5.27   | cps   |
| Cadmium    | 106-1 | 2667     | 2367     | 2559     | 2531     | 6.00   | cps   |
| Cadmium    | 108-1 | 29       | 29       | 38       | 32       | 15.05  | cps   |
| Calcium    | 43-1  | 1350     | 1358     | 1150     | 1286     | 9.17   | cps   |
| Calcium    | 44-1  | 36039    | 37034    | 36774    | 36616    | 1.41   | cps   |
| Chromium   | 52-2  | 990      | 1070     | 890      | 983      | 9.17   | cps   |
| Cobalt     | 59-2  | 630      | 657      | 543      | 610      | 9.71   | cps   |
| Copper     | 63-2  | 1297     | 1263     | 1217     | 1259     | 3.19   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 33       | 67       | 47       | 36.74  | cps   |
| Erbium     | 164-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Gadolinium | 160-1 | 83       | 58       | 133      | 92       | 41.66  | cps   |
| Gadolinium | 160-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Holmium    | 165-1 | 13370323 | 13566484 | 12723455 | 13220087 | 3.34   | cps   |
| Holmium    | 165-2 | 3102563  | 3019982  | 3059671  | 3060739  | 1.35   | cps   |
| Indium     | 115-1 | 11611834 | 12038086 | 11119990 | 11589970 | 3.96   | cps   |
| Indium     | 115-2 | 552605   | 529703   | 537712   | 540007   | 2.15   | cps   |
| Iron       | 56-2  | 10460    | 10432    | 9815     | 10236    | 3.56   | cps   |
| Iron       | 57-2  | 244      | 272      | 250      | 256      | 5.75   | cps   |
| Krypton    | 83-1  | 397      | 460      | 490      | 449      | 10.62  | cps   |
| Lead       | 206-1 | 1606     | 1311     | 1533     | 1483     | 10.35  | cps   |
| Lead       | 207-1 | 1400     | 1567     | 1406     | 1458     | 6.50   | cps   |
| Lead       | 208-1 | 6301     | 6195     | 6451     | 6316     | 2.03   | cps   |
| Lithium    | 6-1   | 2019502  | 2030607  | 1931044  | 1993718  | 2.74   | cps   |
| Magnesium  | 24-2  | 1342     | 1300     | 1183     | 1275     | 6.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-19        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-19        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:25:17 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 210      | 123      | 187      | 173      | 25.87  | cps   |
| Molybdenum | 94-1  | 4334     | 4142     | 4668     | 4381     | 6.07   | cps   |
| Molybdenum | 95-1  | 4609     | 5451     | 5185     | 5082     | 8.47   | cps   |
| Molybdenum | 96-1  | 5710     | 5935     | 5435     | 5693     | 4.40   | cps   |
| Molybdenum | 97-1  | 3051     | 3109     | 3067     | 3076     | 0.98   | cps   |
| Molybdenum | 98-1  | 7994     | 8195     | 8236     | 8142     | 1.59   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 33       | 16       | 98.94  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 223      | 190      | 123      | 179      | 28.46  | cps   |
| Phosphorus | 31-2  | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 3367     | 3817     | 3601     | 3595     | 6.26   | cps   |
| Rhodium    | 103-1 | 11208995 | 11592826 | 10658986 | 11153602 | 4.21   | cps   |
| Rhodium    | 103-2 | 3231360  | 3092841  | 3159391  | 3161197  | 2.19   | cps   |
| Scandium   | 45-1  | 7440830  | 7578043  | 7129293  | 7382722  | 3.11   | cps   |
| Scandium   | 45-2  | 67934    | 65885    | 67034    | 66951    | 1.53   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 11       | 17       | 17       | 15       | 21.67  | cps   |
| Selenium   | 82-1  | 263      | 165      | 198      | 208      | 23.91  | cps   |
| Silicon    | 28-1  | 426858   | 429564   | 425104   | 427176   | 0.53   | cps   |
| Silver     | 109-1 | 2584     | 2550     | 2450     | 2528     | 2.74   | cps   |
| Silver     | 107-1 | 2717     | 2617     | 2509     | 2614     | 3.99   | cps   |
| Sodium     | 23-2  | 12281    | 12064    | 12256    | 12200    | 0.97   | cps   |
| Strontium  | 86-1  | 1325     | 1325     | 1258     | 1303     | 2.95   | cps   |
| Strontium  | 88-1  | 5860     | 5601     | 5351     | 5604     | 4.54   | cps   |
| Sulfur     | 34-1  | 438939   | 443749   | 439878   | 440855   | 0.58   | cps   |
| Terbium    | 159-1 | 13850537 | 14115731 | 13242900 | 13736389 | 3.26   | cps   |
| Terbium    | 159-2 | 3041050  | 2943275  | 2988300  | 2990875  | 1.64   | cps   |
| Thallium   | 203-1 | 2009     | 1800     | 1850     | 1886     | 5.77   | cps   |
| Thallium   | 205-1 | 4243     | 4451     | 4393     | 4362     | 2.47   | cps   |
| Tin        | 118-1 | 1975     | 2284     | 2384     | 2214     | 9.62   | cps   |
| Titanium   | 47-1  | 1425     | 1383     | 1425     | 1411     | 1.70   | cps   |
| Uranium    | 238-1 | 4384     | 4518     | 4284     | 4395     | 2.66   | cps   |
| Vanadium   | 51-2  | 207      | 197      | 190      | 198      | 4.24   | cps   |
| Yttrium    | 89-1  | 12709766 | 13076331 | 12213967 | 12666688 | 3.42   | cps   |
| Yttrium    | 89-2  | 432639   | 416551   | 422970   | 424053   | 1.91   | cps   |
| Zinc       | 66-2  | 90       | 103      | 107      | 100      | 8.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-19        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-19        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:25:17 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3934 | 4042 | 4234 | 4070    | 3.73   | cps   |
| Zirconium | 91-1 | 992  | 700  | 925  | 872     | 17.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-20        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-20        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:28:37 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 100      | 50       | 75       | 33.34  | cps   |
| Antimony   | 121-1 | 2484     | 2467     | 2442     | 2464     | 0.85   | cps   |
| Arsenic    | 75-2  | 43       | 28       | 19       | 30       | 40.98  | cps   |
| Barium     | 135-1 | 2384     | 2242     | 1959     | 2195     | 9.86   | cps   |
| Barium     | 137-1 | 3851     | 3684     | 3492     | 3676     | 4.88   | cps   |
| Beryllium  | 9-1   | 461      | 361      | 350      | 391      | 15.66  | cps   |
| Bismuth    | 209-1 | 7869065  | 7998126  | 7771912  | 7879701  | 1.44   | cps   |
| Bismuth    | 209-2 | 2268318  | 2198074  | 2271884  | 2246092  | 1.85   | cps   |
| Boron      | 10-1  | 558      | 525      | 583      | 556      | 5.27   | cps   |
| Boron      | 11-1  | 2592     | 2384     | 2492     | 2489     | 4.19   | cps   |
| Cadmium    | 111-1 | 2286     | 2231     | 2080     | 2199     | 4.84   | cps   |
| Cadmium    | 106-1 | 2459     | 2475     | 2417     | 2450     | 1.23   | cps   |
| Cadmium    | 108-1 | 21       | 50       | 58       | 43       | 45.74  | cps   |
| Calcium    | 43-1  | 1300     | 1325     | 1450     | 1358     | 5.92   | cps   |
| Calcium    | 44-1  | 36332    | 36424    | 35413    | 36056    | 1.55   | cps   |
| Chromium   | 52-2  | 990      | 983      | 960      | 978      | 1.61   | cps   |
| Cobalt     | 59-2  | 670      | 650      | 610      | 643      | 4.75   | cps   |
| Copper     | 63-2  | 1293     | 1310     | 1263     | 1289     | 1.84   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 25       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 33       | 67       | 25       | 42       | 52.91  | cps   |
| Erbium     | 164-2 | 10       | 7        | 17       | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 117      | 125      | 83       | 108      | 20.35  | cps   |
| Gadolinium | 160-2 | 13       | 17       | 13       | 14       | 13.35  | cps   |
| Holmium    | 165-1 | 13394183 | 13424467 | 12986277 | 13268309 | 1.84   | cps   |
| Holmium    | 165-2 | 3057110  | 2970204  | 3085701  | 3037671  | 1.98   | cps   |
| Indium     | 115-1 | 11639512 | 11751376 | 11441921 | 11610936 | 1.35   | cps   |
| Indium     | 115-2 | 551300   | 527600   | 546337   | 541746   | 2.31   | cps   |
| Iron       | 56-2  | 10743    | 10176    | 10243    | 10388    | 2.98   | cps   |
| Iron       | 57-2  | 289      | 272      | 272      | 278      | 3.46   | cps   |
| Krypton    | 83-1  | 393      | 410      | 440      | 414      | 5.71   | cps   |
| Lead       | 206-1 | 1450     | 1483     | 1567     | 1500     | 4.01   | cps   |
| Lead       | 207-1 | 1289     | 1345     | 1339     | 1324     | 2.31   | cps   |
| Lead       | 208-1 | 5828     | 6117     | 5790     | 5912     | 3.03   | cps   |
| Lithium    | 6-1   | 1990661  | 2015568  | 1981518  | 1995916  | 0.88   | cps   |
| Magnesium  | 24-2  | 908      | 1017     | 1100     | 1008     | 9.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-20        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-20        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:28:37 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 203      | 170      | 173      | 182      | 10.08  | cps   |
| Molybdenum | 94-1  | 4359     | 3926     | 3951     | 4079     | 5.97   | cps   |
| Molybdenum | 95-1  | 5076     | 4443     | 4834     | 4784     | 6.68   | cps   |
| Molybdenum | 96-1  | 5326     | 5393     | 5418     | 5379     | 0.88   | cps   |
| Molybdenum | 97-1  | 3217     | 3050     | 3292     | 3187     | 3.88   | cps   |
| Molybdenum | 98-1  | 7144     | 7411     | 7803     | 7452     | 4.45   | cps   |
| Neodymium  | 150-1 | 20       | 20       | 7        | 16       | 49.47  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 187      | 203      | 227      | 206      | 9.77   | cps   |
| Phosphorus | 31-2  | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 3709     | 3842     | 3167     | 3573     | 10.01  | cps   |
| Rhodium    | 103-1 | 11341666 | 11259434 | 11070816 | 11223972 | 1.24   | cps   |
| Rhodium    | 103-2 | 3241977  | 3127071  | 3222259  | 3197102  | 1.92   | cps   |
| Scandium   | 45-1  | 7419773  | 7453847  | 7375423  | 7416348  | 0.53   | cps   |
| Scandium   | 45-2  | 69204    | 65687    | 68682    | 67858    | 2.80   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 11       | 7        | 11       | 10       | 21.63  | cps   |
| Selenium   | 82-1  | 240      | 212      | 276      | 243      | 13.18  | cps   |
| Silicon    | 28-1  | 423290   | 424888   | 423413   | 423864   | 0.21   | cps   |
| Silver     | 109-1 | 2559     | 2367     | 2259     | 2395     | 6.35   | cps   |
| Silver     | 107-1 | 2692     | 2567     | 2417     | 2559     | 5.38   | cps   |
| Sodium     | 23-2  | 12689    | 12573    | 12564    | 12609    | 0.55   | cps   |
| Strontium  | 86-1  | 1325     | 1258     | 1433     | 1339     | 6.60   | cps   |
| Strontium  | 88-1  | 5410     | 5785     | 5093     | 5429     | 6.38   | cps   |
| Sulfur     | 34-1  | 443618   | 446330   | 445288   | 445079   | 0.31   | cps   |
| Terbium    | 159-1 | 13828336 | 13923343 | 13411927 | 13721202 | 1.98   | cps   |
| Terbium    | 159-2 | 3007427  | 2881852  | 2973693  | 2954324  | 2.20   | cps   |
| Thallium   | 203-1 | 1850     | 1625     | 1817     | 1764     | 6.88   | cps   |
| Thallium   | 205-1 | 4576     | 4468     | 4151     | 4398     | 5.02   | cps   |
| Tin        | 118-1 | 1975     | 2309     | 2492     | 2259     | 11.60  | cps   |
| Titanium   | 47-1  | 1650     | 1634     | 1483     | 1589     | 5.78   | cps   |
| Uranium    | 238-1 | 4326     | 4484     | 4068     | 4293     | 4.90   | cps   |
| Vanadium   | 51-2  | 160      | 170      | 190      | 173      | 8.81   | cps   |
| Yttrium    | 89-1  | 12508023 | 12853206 | 12462365 | 12607865 | 1.69   | cps   |
| Yttrium    | 89-2  | 432277   | 414536   | 426074   | 424295   | 2.12   | cps   |
| Zinc       | 66-2  | 113      | 97       | 100      | 103      | 8.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-20        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-20        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:28:37 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3734 | 4101 | 3851 | 3895    | 4.81   | cps   |
| Zirconium | 91-1 | 792  | 875  | 700  | 789     | 11.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-21        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-21        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:31:57 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25       | 83       | 33       | 47       | 66.82  | cps   |
| Antimony   | 121-1 | 2300     | 2317     | 2575     | 2398     | 6.43   | cps   |
| Arsenic    | 75-2  | 28       | 28       | 39       | 31       | 20.37  | cps   |
| Barium     | 135-1 | 2084     | 2450     | 2375     | 2303     | 8.41   | cps   |
| Barium     | 137-1 | 4134     | 4001     | 3776     | 3970     | 4.56   | cps   |
| Beryllium  | 9-1   | 356      | 361      | 439      | 385      | 12.10  | cps   |
| Bismuth    | 209-1 | 7842256  | 8109484  | 7711110  | 7887616  | 2.57   | cps   |
| Bismuth    | 209-2 | 2252714  | 2174738  | 2268876  | 2232109  | 2.26   | cps   |
| Boron      | 10-1  | 433      | 592      | 492      | 506      | 15.84  | cps   |
| Boron      | 11-1  | 2317     | 2334     | 2492     | 2381     | 4.06   | cps   |
| Cadmium    | 111-1 | 2249     | 2264     | 2333     | 2282     | 1.97   | cps   |
| Cadmium    | 106-1 | 2384     | 2592     | 2642     | 2539     | 5.40   | cps   |
| Cadmium    | 108-1 | 46       | 54       | 29       | 43       | 29.56  | cps   |
| Calcium    | 43-1  | 1358     | 1042     | 1342     | 1247     | 14.29  | cps   |
| Calcium    | 44-1  | 35805    | 35153    | 36023    | 35660    | 1.27   | cps   |
| Chromium   | 52-2  | 980      | 950      | 870      | 933      | 6.09   | cps   |
| Cobalt     | 59-2  | 743      | 650      | 633      | 676      | 8.78   | cps   |
| Copper     | 63-2  | 1400     | 1427     | 1330     | 1386     | 3.60   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 42       | 67       | 44       | 47.19  | cps   |
| Erbium     | 164-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Gadolinium | 160-1 | 83       | 100      | 142      | 108      | 27.73  | cps   |
| Gadolinium | 160-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Holmium    | 165-1 | 13069833 | 13407515 | 12848531 | 13108626 | 2.15   | cps   |
| Holmium    | 165-2 | 3056391  | 2926908  | 3055032  | 3012777  | 2.47   | cps   |
| Indium     | 115-1 | 11626359 | 11901201 | 11481231 | 11669597 | 1.83   | cps   |
| Indium     | 115-2 | 553005   | 514251   | 548355   | 538537   | 3.93   | cps   |
| Iron       | 56-2  | 10443    | 10682    | 10360    | 10495    | 1.59   | cps   |
| Iron       | 57-2  | 261      | 228      | 300      | 263      | 13.74  | cps   |
| Krypton    | 83-1  | 410      | 463      | 450      | 441      | 6.29   | cps   |
| Lead       | 206-1 | 1422     | 1422     | 1589     | 1478     | 6.51   | cps   |
| Lead       | 207-1 | 1339     | 1528     | 1256     | 1374     | 10.15  | cps   |
| Lead       | 208-1 | 5856     | 6079     | 5912     | 5949     | 1.94   | cps   |
| Lithium    | 6-1   | 1961961  | 2062331  | 1999728  | 2008007  | 2.52   | cps   |
| Magnesium  | 24-2  | 1308     | 1417     | 1317     | 1347     | 4.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-21        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-21        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:31:57 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 113      | 197      | 150      | 153      | 27.24  | cps   |
| Molybdenum | 94-1  | 3967     | 4293     | 4176     | 4145     | 3.97   | cps   |
| Molybdenum | 95-1  | 4984     | 4893     | 4476     | 4784     | 5.66   | cps   |
| Molybdenum | 96-1  | 5485     | 5693     | 5110     | 5429     | 5.45   | cps   |
| Molybdenum | 97-1  | 3109     | 3117     | 3092     | 3106     | 0.41   | cps   |
| Molybdenum | 98-1  | 7669     | 8336     | 8061     | 8022     | 4.18   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 20       | 11       | 69.25  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 157      | 187      | 183      | 176      | 9.37   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 3892     | 3726     | 3676     | 3765     | 3.02   | cps   |
| Rhodium    | 103-1 | 11098930 | 11513206 | 11071736 | 11227957 | 2.20   | cps   |
| Rhodium    | 103-2 | 3204056  | 2973560  | 3196768  | 3124795  | 4.19   | cps   |
| Scandium   | 45-1  | 7393368  | 7655534  | 7358099  | 7469000  | 2.18   | cps   |
| Scandium   | 45-2  | 68471    | 65629    | 68054    | 67384    | 2.28   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 13       | 9        | 6        | 9        | 39.96  | cps   |
| Selenium   | 82-1  | 216      | 195      | 236      | 216      | 9.67   | cps   |
| Silicon    | 28-1  | 424655   | 422982   | 422286   | 423308   | 0.29   | cps   |
| Silver     | 109-1 | 2984     | 2600     | 2467     | 2684     | 10.00  | cps   |
| Silver     | 107-1 | 2650     | 2509     | 2542     | 2567     | 2.89   | cps   |
| Sodium     | 23-2  | 12323    | 11205    | 11972    | 11833    | 4.83   | cps   |
| Strontium  | 86-1  | 1358     | 1250     | 1358     | 1322     | 4.73   | cps   |
| Strontium  | 88-1  | 5443     | 5293     | 5435     | 5390     | 1.57   | cps   |
| Sulfur     | 34-1  | 441686   | 442431   | 444070   | 442729   | 0.28   | cps   |
| Terbium    | 159-1 | 13413065 | 14203144 | 13541959 | 13719390 | 3.09   | cps   |
| Terbium    | 159-2 | 2984069  | 2797711  | 3008896  | 2930225  | 3.94   | cps   |
| Thallium   | 203-1 | 1925     | 1925     | 1850     | 1900     | 2.28   | cps   |
| Thallium   | 205-1 | 3942     | 4351     | 4092     | 4129     | 5.01   | cps   |
| Tin        | 118-1 | 2117     | 2150     | 2275     | 2181     | 3.83   | cps   |
| Titanium   | 47-1  | 1742     | 1583     | 1567     | 1631     | 5.92   | cps   |
| Uranium    | 238-1 | 4651     | 4376     | 4434     | 4487     | 3.23   | cps   |
| Vanadium   | 51-2  | 200      | 220      | 183      | 201      | 9.13   | cps   |
| Yttrium    | 89-1  | 12763834 | 13033724 | 12611293 | 12802951 | 1.67   | cps   |
| Yttrium    | 89-2  | 433318   | 403696   | 429671   | 422228   | 3.83   | cps   |
| Zinc       | 66-2  | 120      | 120      | 103      | 114      | 8.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | WATER MDL-21        | Instrumnet Name : | P8        |
| Client Sample ID :      | WATER MDL-21        | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:31:57 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3976 | 3767 | 3842 | 3862    | 2.73   | cps   |
| Zirconium | 91-1 | 783  | 692  | 892  | 789     | 12.69  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-15         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-15         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:35:17 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 100      | 92       | 89       | 14.33  | cps   |
| Antimony   | 121-1 | 2459     | 2209     | 2392     | 2353     | 5.50   | cps   |
| Arsenic    | 75-2  | 43       | 44       | 26       | 38       | 27.08  | cps   |
| Barium     | 135-1 | 2250     | 2392     | 2184     | 2275     | 4.68   | cps   |
| Barium     | 137-1 | 4293     | 4051     | 4118     | 4154     | 3.01   | cps   |
| Beryllium  | 9-1   | 311      | 367      | 483      | 387      | 22.71  | cps   |
| Bismuth    | 209-1 | 7291322  | 7956794  | 7882481  | 7710199  | 4.73   | cps   |
| Bismuth    | 209-2 | 2286150  | 2189479  | 2263042  | 2246224  | 2.25   | cps   |
| Boron      | 10-1  | 467      | 375      | 458      | 433      | 11.70  | cps   |
| Boron      | 11-1  | 2159     | 2567     | 2017     | 2248     | 12.71  | cps   |
| Cadmium    | 111-1 | 2113     | 2323     | 2348     | 2261     | 5.70   | cps   |
| Cadmium    | 106-1 | 2392     | 2500     | 2584     | 2492     | 3.86   | cps   |
| Cadmium    | 108-1 | 46       | 33       | 33       | 37       | 19.25  | cps   |
| Calcium    | 43-1  | 1192     | 1250     | 1192     | 1211     | 2.78   | cps   |
| Calcium    | 44-1  | 37460    | 36023    | 34970    | 36151    | 3.46   | cps   |
| Chromium   | 52-2  | 1017     | 970      | 843      | 943      | 9.51   | cps   |
| Cobalt     | 59-2  | 607      | 637      | 490      | 578      | 13.41  | cps   |
| Copper     | 63-2  | 1427     | 1383     | 1197     | 1336     | 9.15   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 58       | 100      | 33       | 64       | 52.72  | cps   |
| Erbium     | 164-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 33       | 67       | 75       | 58       | 37.80  | cps   |
| Gadolinium | 160-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Holmium    | 165-1 | 12239707 | 13336176 | 13015633 | 12863839 | 4.38   | cps   |
| Holmium    | 165-2 | 3096182  | 3005557  | 3087374  | 3063038  | 1.63   | cps   |
| Indium     | 115-1 | 10748491 | 12014768 | 11541816 | 11435025 | 5.60   | cps   |
| Indium     | 115-2 | 553329   | 537448   | 545137   | 545305   | 1.46   | cps   |
| Iron       | 56-2  | 10599    | 10777    | 10666    | 10680    | 0.84   | cps   |
| Iron       | 57-2  | 311      | 300      | 294      | 302      | 2.81   | cps   |
| Krypton    | 83-1  | 447      | 470      | 440      | 452      | 3.48   | cps   |
| Lead       | 206-1 | 1178     | 1567     | 1428     | 1391     | 14.17  | cps   |
| Lead       | 207-1 | 1406     | 1178     | 1272     | 1285     | 8.91   | cps   |
| Lead       | 208-1 | 5856     | 5790     | 5890     | 5845     | 0.87   | cps   |
| Lithium    | 6-1   | 1869563  | 2062292  | 1990129  | 1973995  | 4.93   | cps   |
| Magnesium  | 24-2  | 1333     | 1183     | 1183     | 1233     | 7.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-15         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-15         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:35:17 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 167      | 167      | 123      | 152      | 16.43  | cps   |
| Molybdenum | 94-1  | 4092     | 4209     | 4118     | 4140     | 1.48   | cps   |
| Molybdenum | 95-1  | 5001     | 4768     | 5118     | 4962     | 3.59   | cps   |
| Molybdenum | 96-1  | 5418     | 5526     | 5843     | 5596     | 3.95   | cps   |
| Molybdenum | 97-1  | 3059     | 3000     | 3050     | 3037     | 1.04   | cps   |
| Molybdenum | 98-1  | 8094     | 7828     | 8245     | 8056     | 2.62   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 260      | 237      | 187      | 228      | 16.45  | cps   |
| Phosphorus | 31-2  | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 3709     | 3642     | 4084     | 3812     | 6.25   | cps   |
| Rhodium    | 103-1 | 10396068 | 11361189 | 11195345 | 10984201 | 4.70   | cps   |
| Rhodium    | 103-2 | 3224201  | 3099489  | 3174265  | 3165985  | 1.98   | cps   |
| Scandium   | 45-1  | 6882121  | 7611024  | 7421177  | 7304774  | 5.18   | cps   |
| Scandium   | 45-2  | 69513    | 67169    | 67489    | 68057    | 1.87   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 13       | 4        | 0        | 6        | 120.21 | cps   |
| Selenium   | 82-1  | 222      | 199      | 251      | 224      | 11.66  | cps   |
| Silicon    | 28-1  | 427091   | 428377   | 422517   | 425995   | 0.72   | cps   |
| Silver     | 109-1 | 2409     | 2359     | 2200     | 2323     | 4.68   | cps   |
| Silver     | 107-1 | 2659     | 2500     | 2517     | 2559     | 3.40   | cps   |
| Sodium     | 23-2  | 11338    | 11647    | 11805    | 11597    | 2.05   | cps   |
| Strontium  | 86-1  | 1225     | 1358     | 1358     | 1314     | 5.86   | cps   |
| Strontium  | 88-1  | 5668     | 5685     | 6068     | 5807     | 3.90   | cps   |
| Sulfur     | 34-1  | 445538   | 447877   | 447296   | 446904   | 0.27   | cps   |
| Terbium    | 159-1 | 12681918 | 13986794 | 13618376 | 13429029 | 5.01   | cps   |
| Terbium    | 159-2 | 2983151  | 2913718  | 2977108  | 2957992  | 1.30   | cps   |
| Thallium   | 203-1 | 1842     | 1834     | 1842     | 1839     | 0.26   | cps   |
| Thallium   | 205-1 | 4368     | 4117     | 4343     | 4276     | 3.22   | cps   |
| Tin        | 118-1 | 2234     | 2309     | 2359     | 2300     | 2.74   | cps   |
| Titanium   | 47-1  | 1650     | 1317     | 1508     | 1492     | 11.22  | cps   |
| Uranium    | 238-1 | 4726     | 4359     | 4759     | 4615     | 4.81   | cps   |
| Vanadium   | 51-2  | 180      | 207      | 217      | 201      | 9.42   | cps   |
| Yttrium    | 89-1  | 11916585 | 13032519 | 12635381 | 12528162 | 4.51   | cps   |
| Yttrium    | 89-2  | 430198   | 414402   | 423709   | 422770   | 1.88   | cps   |
| Zinc       | 66-2  | 137      | 113      | 97       | 116      | 17.39  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-15         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-15         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:35:17 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3784 | 3901 | 4101 | 3929    | 4.08   | cps   |
| Zirconium | 91-1 | 858  | 842  | 892  | 864     | 2.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-16         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-16         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:38:36 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83       | 50       | 108      | 81       | 36.33  | cps   |
| Antimony   | 121-1 | 2567     | 2550     | 2375     | 2498     | 4.25   | cps   |
| Arsenic    | 75-2  | 43       | 20       | 22       | 28       | 43.42  | cps   |
| Barium     | 135-1 | 2484     | 2459     | 2442     | 2461     | 0.85   | cps   |
| Barium     | 137-1 | 4443     | 4093     | 4142     | 4226     | 4.48   | cps   |
| Beryllium  | 9-1   | 400      | 461      | 450      | 437      | 7.45   | cps   |
| Bismuth    | 209-1 | 7763667  | 7982837  | 7661992  | 7802832  | 2.10   | cps   |
| Bismuth    | 209-2 | 2277724  | 2104460  | 2255535  | 2212573  | 4.26   | cps   |
| Boron      | 10-1  | 550      | 500      | 325      | 458      | 25.78  | cps   |
| Boron      | 11-1  | 2075     | 2134     | 2125     | 2111     | 1.49   | cps   |
| Cadmium    | 111-1 | 2229     | 2257     | 2116     | 2201     | 3.39   | cps   |
| Cadmium    | 106-1 | 2517     | 2584     | 2375     | 2492     | 4.27   | cps   |
| Cadmium    | 108-1 | 58       | 63       | 25       | 49       | 42.28  | cps   |
| Calcium    | 43-1  | 1417     | 1442     | 1258     | 1372     | 7.25   | cps   |
| Calcium    | 44-1  | 36340    | 36766    | 36407    | 36504    | 0.63   | cps   |
| Chromium   | 52-2  | 1143     | 900      | 1050     | 1031     | 11.91  | cps   |
| Cobalt     | 59-2  | 657      | 690      | 587      | 644      | 8.18   | cps   |
| Copper     | 63-2  | 1397     | 1167     | 1270     | 1278     | 9.02   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 58       | 33       | 67       | 53       | 32.88  | cps   |
| Erbium     | 164-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Gadolinium | 160-1 | 67       | 142      | 83       | 97       | 40.50  | cps   |
| Gadolinium | 160-2 | 10       | 17       | 7        | 11       | 45.82  | cps   |
| Holmium    | 165-1 | 12954260 | 13579154 | 13189722 | 13241045 | 2.38   | cps   |
| Holmium    | 165-2 | 3092890  | 2862571  | 3046831  | 3000764  | 4.06   | cps   |
| Indium     | 115-1 | 11515914 | 12020145 | 11632368 | 11722809 | 2.25   | cps   |
| Indium     | 115-2 | 559242   | 510015   | 549672   | 539643   | 4.84   | cps   |
| Iron       | 56-2  | 10688    | 11021    | 10799    | 10836    | 1.57   | cps   |
| Iron       | 57-2  | 400      | 283      | 272      | 319      | 22.22  | cps   |
| Krypton    | 83-1  | 437      | 447      | 363      | 416      | 10.95  | cps   |
| Lead       | 206-1 | 1406     | 1522     | 1478     | 1469     | 4.01   | cps   |
| Lead       | 207-1 | 1483     | 1300     | 1583     | 1456     | 9.87   | cps   |
| Lead       | 208-1 | 6295     | 5995     | 6145     | 6145     | 2.44   | cps   |
| Lithium    | 6-1   | 1987208  | 2053610  | 2015613  | 2018810  | 1.65   | cps   |
| Magnesium  | 24-2  | 1100     | 1100     | 1417     | 1206     | 15.17  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-16         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-16         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:38:36 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 150      | 173      | 190      | 171      | 11.74  | cps   |
| Molybdenum | 94-1  | 4643     | 4793     | 4501     | 4645     | 3.14   | cps   |
| Molybdenum | 95-1  | 4793     | 5585     | 5435     | 5271     | 7.98   | cps   |
| Molybdenum | 96-1  | 6102     | 6227     | 5793     | 6041     | 3.69   | cps   |
| Molybdenum | 97-1  | 3476     | 3459     | 3209     | 3381     | 4.42   | cps   |
| Molybdenum | 98-1  | 8420     | 8536     | 8611     | 8522     | 1.13   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 180      | 230      | 200      | 203      | 12.38  | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 3651     | 3551     | 3692     | 3631     | 2.01   | cps   |
| Rhodium    | 103-1 | 11115506 | 11486252 | 11181184 | 11260981 | 1.76   | cps   |
| Rhodium    | 103-2 | 3253896  | 2941827  | 3208921  | 3134881  | 5.38   | cps   |
| Scandium   | 45-1  | 7349934  | 7616103  | 7428123  | 7464720  | 1.83   | cps   |
| Scandium   | 45-2  | 69858    | 64412    | 68340    | 67536    | 4.16   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 9        | 13       | 13       | 12       | 18.22  | cps   |
| Selenium   | 82-1  | 256      | 311      | 310      | 292      | 10.77  | cps   |
| Silicon    | 28-1  | 427398   | 425433   | 426621   | 426484   | 0.23   | cps   |
| Silver     | 109-1 | 2884     | 2617     | 2784     | 2762     | 4.88   | cps   |
| Silver     | 107-1 | 2875     | 2609     | 2717     | 2734     | 4.91   | cps   |
| Sodium     | 23-2  | 11639    | 12131    | 11872    | 11880    | 2.07   | cps   |
| Strontium  | 86-1  | 1250     | 1350     | 1325     | 1308     | 3.98   | cps   |
| Strontium  | 88-1  | 6177     | 6093     | 6252     | 6174     | 1.28   | cps   |
| Sulfur     | 34-1  | 443202   | 447166   | 446910   | 445759   | 0.50   | cps   |
| Terbium    | 159-1 | 13562616 | 14086244 | 13517570 | 13722143 | 2.30   | cps   |
| Terbium    | 159-2 | 3043182  | 2785712  | 2964445  | 2931113  | 4.50   | cps   |
| Thallium   | 203-1 | 2017     | 1909     | 1842     | 1922     | 4.59   | cps   |
| Thallium   | 205-1 | 4284     | 4476     | 4493     | 4418     | 2.62   | cps   |
| Tin        | 118-1 | 2250     | 2484     | 2567     | 2434     | 6.75   | cps   |
| Titanium   | 47-1  | 1700     | 1433     | 1875     | 1670     | 13.32  | cps   |
| Uranium    | 238-1 | 4935     | 4776     | 4568     | 4760     | 3.87   | cps   |
| Vanadium   | 51-2  | 233      | 227      | 207      | 222      | 6.25   | cps   |
| Yttrium    | 89-1  | 12629843 | 13099757 | 12695264 | 12808288 | 1.99   | cps   |
| Yttrium    | 89-2  | 433039   | 396449   | 426342   | 418610   | 4.65   | cps   |
| Zinc       | 66-2  | 97       | 83       | 67       | 82       | 18.28  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-16         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-16         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:38:36 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4084 | 3701 | 4184 | 3990    | 6.40   | cps   |
| Zirconium | 91-1 | 842  | 833  | 825  | 833     | 1.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-17         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-17         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:41:56 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 75       | 142      | 97       | 39.59  | cps   |
| Antimony   | 121-1 | 2009     | 2317     | 2509     | 2278     | 11.08  | cps   |
| Arsenic    | 75-2  | 30       | 41       | 30       | 33       | 19.24  | cps   |
| Barium     | 135-1 | 2234     | 2284     | 2125     | 2214     | 3.66   | cps   |
| Barium     | 137-1 | 3601     | 3751     | 3634     | 3662     | 2.15   | cps   |
| Beryllium  | 9-1   | 328      | 356      | 383      | 356      | 7.81   | cps   |
| Bismuth    | 209-1 | 7625654  | 8034216  | 7663841  | 7774570  | 2.90   | cps   |
| Bismuth    | 209-2 | 2290412  | 2228329  | 2248981  | 2255907  | 1.40   | cps   |
| Boron      | 10-1  | 458      | 533      | 383      | 458      | 16.36  | cps   |
| Boron      | 11-1  | 2150     | 1984     | 1934     | 2022     | 5.61   | cps   |
| Cadmium    | 111-1 | 1944     | 1950     | 1918     | 1937     | 0.87   | cps   |
| Cadmium    | 106-1 | 2200     | 2209     | 2092     | 2167     | 3.00   | cps   |
| Cadmium    | 108-1 | 54       | 54       | 54       | 54       | 0.00   | cps   |
| Calcium    | 43-1  | 1342     | 1433     | 1358     | 1378     | 3.54   | cps   |
| Calcium    | 44-1  | 34410    | 35095    | 35955    | 35154    | 2.20   | cps   |
| Chromium   | 52-2  | 913      | 1057     | 1027     | 999      | 7.57   | cps   |
| Cobalt     | 59-2  | 603      | 567      | 633      | 601      | 5.55   | cps   |
| Copper     | 63-2  | 1337     | 1277     | 1423     | 1346     | 5.48   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 83       | 25       | 50       | 60.09  | cps   |
| Erbium     | 164-2 | 10       | 3        | 7        | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 108      | 117      | 92       | 106      | 12.06  | cps   |
| Gadolinium | 160-2 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Holmium    | 165-1 | 12568195 | 13304391 | 12878826 | 12917137 | 2.86   | cps   |
| Holmium    | 165-2 | 3139489  | 3047381  | 3055852  | 3080907  | 1.65   | cps   |
| Indium     | 115-1 | 11258573 | 11937897 | 11502350 | 11566273 | 2.98   | cps   |
| Indium     | 115-2 | 555559   | 540012   | 550728   | 548766   | 1.45   | cps   |
| Iron       | 56-2  | 10565    | 10015    | 9820     | 10134    | 3.81   | cps   |
| Iron       | 57-2  | 189      | 283      | 211      | 228      | 21.68  | cps   |
| Krypton    | 83-1  | 437      | 447      | 370      | 418      | 9.98   | cps   |
| Lead       | 206-1 | 1272     | 1350     | 1511     | 1378     | 8.84   | cps   |
| Lead       | 207-1 | 1333     | 1261     | 1211     | 1269     | 4.84   | cps   |
| Lead       | 208-1 | 5651     | 5545     | 5578     | 5591     | 0.96   | cps   |
| Lithium    | 6-1   | 1922535  | 2033983  | 1969695  | 1975405  | 2.83   | cps   |
| Magnesium  | 24-2  | 1075     | 1192     | 1267     | 1178     | 8.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-17         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-17         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:41:56 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 167      | 170      | 173      | 170      | 1.96   | cps   |
| Molybdenum | 94-1  | 4009     | 4309     | 4259     | 4193     | 3.84   | cps   |
| Molybdenum | 95-1  | 4534     | 5051     | 4701     | 4762     | 5.54   | cps   |
| Molybdenum | 96-1  | 5301     | 5168     | 5476     | 5315     | 2.91   | cps   |
| Molybdenum | 97-1  | 2784     | 3042     | 2959     | 2928     | 4.50   | cps   |
| Molybdenum | 98-1  | 7252     | 7778     | 7527     | 7519     | 3.49   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 190      | 170      | 173      | 178      | 6.03   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Potassium  | 39-2  | 4001     | 3867     | 3726     | 3865     | 3.56   | cps   |
| Rhodium    | 103-1 | 10920095 | 11574086 | 11175801 | 11223328 | 2.94   | cps   |
| Rhodium    | 103-2 | 3256137  | 3122099  | 3181648  | 3186628  | 2.11   | cps   |
| Scandium   | 45-1  | 7128301  | 7609704  | 7347252  | 7361752  | 3.27   | cps   |
| Scandium   | 45-2  | 69512    | 66859    | 69589    | 68653    | 2.26   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 6        | 4        | 13       | 7        | 66.14  | cps   |
| Selenium   | 82-1  | 203      | 213      | 281      | 232      | 18.26  | cps   |
| Silicon    | 28-1  | 426282   | 427107   | 424451   | 425947   | 0.32   | cps   |
| Silver     | 109-1 | 2634     | 2509     | 2500     | 2548     | 2.93   | cps   |
| Silver     | 107-1 | 2309     | 2634     | 2709     | 2550     | 8.34   | cps   |
| Sodium     | 23-2  | 11555    | 11438    | 12398    | 11797    | 4.44   | cps   |
| Strontium  | 86-1  | 1317     | 1133     | 1142     | 1197     | 8.65   | cps   |
| Strontium  | 88-1  | 5818     | 5593     | 5735     | 5715     | 1.99   | cps   |
| Sulfur     | 34-1  | 441388   | 449686   | 444629   | 445234   | 0.94   | cps   |
| Terbium    | 159-1 | 13216705 | 14026206 | 13553929 | 13598947 | 2.99   | cps   |
| Terbium    | 159-2 | 3032431  | 2919916  | 2975461  | 2975936  | 1.89   | cps   |
| Thallium   | 203-1 | 1792     | 1592     | 1784     | 1722     | 6.57   | cps   |
| Thallium   | 205-1 | 3892     | 3834     | 3967     | 3898     | 1.72   | cps   |
| Tin        | 118-1 | 2142     | 2067     | 2334     | 2181     | 6.31   | cps   |
| Titanium   | 47-1  | 1483     | 1533     | 1625     | 1547     | 4.64   | cps   |
| Uranium    | 238-1 | 4218     | 3851     | 3993     | 4020     | 4.60   | cps   |
| Vanadium   | 51-2  | 207      | 193      | 187      | 196      | 5.21   | cps   |
| Yttrium    | 89-1  | 12087211 | 13157182 | 12593810 | 12612735 | 4.24   | cps   |
| Yttrium    | 89-2  | 434800   | 421399   | 423319   | 426506   | 1.70   | cps   |
| Zinc       | 66-2  | 117      | 127      | 87       | 110      | 18.92  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-17         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-17         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:41:56 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3651 | 3892 | 3851 | 3798    | 3.40   | cps   |
| Zirconium | 91-1 | 708  | 850  | 758  | 772     | 9.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-18         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-18         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:45:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 58       | 50       | 58       | 56       | 8.67   | cps   |
| Antimony   | 121-1 | 2350     | 2217     | 2250     | 2273     | 3.05   | cps   |
| Arsenic    | 75-2  | 26       | 24       | 26       | 25       | 4.24   | cps   |
| Barium     | 135-1 | 2375     | 2309     | 2600     | 2428     | 6.30   | cps   |
| Barium     | 137-1 | 4318     | 4084     | 4126     | 4176     | 2.98   | cps   |
| Beryllium  | 9-1   | 467      | 394      | 417      | 426      | 8.69   | cps   |
| Bismuth    | 209-1 | 7804363  | 7945957  | 7626266  | 7792196  | 2.06   | cps   |
| Bismuth    | 209-2 | 2256682  | 2182329  | 2276469  | 2238494  | 2.22   | cps   |
| Boron      | 10-1  | 458      | 500      | 367      | 442      | 15.44  | cps   |
| Boron      | 11-1  | 1925     | 1875     | 1725     | 1842     | 5.65   | cps   |
| Cadmium    | 111-1 | 2224     | 2369     | 2147     | 2247     | 5.03   | cps   |
| Cadmium    | 106-1 | 2517     | 2792     | 2475     | 2595     | 6.63   | cps   |
| Cadmium    | 108-1 | 42       | 50       | 33       | 42       | 20.00  | cps   |
| Calcium    | 43-1  | 1417     | 1242     | 1133     | 1264     | 11.31  | cps   |
| Calcium    | 44-1  | 36382    | 37108    | 35538    | 36343    | 2.16   | cps   |
| Chromium   | 52-2  | 1003     | 943      | 960      | 969      | 3.20   | cps   |
| Cobalt     | 59-2  | 623      | 687      | 583      | 631      | 8.26   | cps   |
| Copper     | 63-2  | 1400     | 1313     | 1370     | 1361     | 3.23   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 58       | 50       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 7        | 10       | 17       | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 25       | 42       | 117      | 61       | 79.90  | cps   |
| Gadolinium | 160-2 | 13       | 3        | 17       | 11       | 62.48  | cps   |
| Holmium    | 165-1 | 13228195 | 13258060 | 12509304 | 12998520 | 3.26   | cps   |
| Holmium    | 165-2 | 3080488  | 2982932  | 3074590  | 3046003  | 1.80   | cps   |
| Indium     | 115-1 | 11782382 | 11837184 | 11029472 | 11549679 | 3.91   | cps   |
| Indium     | 115-2 | 554855   | 535566   | 556674   | 549032   | 2.13   | cps   |
| Iron       | 56-2  | 10649    | 10754    | 10843    | 10749    | 0.91   | cps   |
| Iron       | 57-2  | 300      | 356      | 294      | 317      | 10.67  | cps   |
| Krypton    | 83-1  | 417      | 407      | 467      | 430      | 7.48   | cps   |
| Lead       | 206-1 | 1461     | 1500     | 1445     | 1469     | 1.94   | cps   |
| Lead       | 207-1 | 1350     | 1395     | 1572     | 1439     | 8.17   | cps   |
| Lead       | 208-1 | 6190     | 6290     | 6023     | 6167     | 2.18   | cps   |
| Lithium    | 6-1   | 2018913  | 2049509  | 1974687  | 2014370  | 1.87   | cps   |
| Magnesium  | 24-2  | 1425     | 1233     | 1242     | 1300     | 8.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-18         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-18         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:45:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 153      | 193      | 183      | 177      | 11.78  | cps   |
| Molybdenum | 94-1  | 4259     | 4318     | 4368     | 4315     | 1.26   | cps   |
| Molybdenum | 95-1  | 4718     | 5301     | 4801     | 4940     | 6.39   | cps   |
| Molybdenum | 96-1  | 5952     | 5710     | 5535     | 5732     | 3.65   | cps   |
| Molybdenum | 97-1  | 3151     | 3351     | 3251     | 3251     | 3.08   | cps   |
| Molybdenum | 98-1  | 8078     | 8136     | 8044     | 8086     | 0.57   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 203      | 210      | 203      | 206      | 1.87   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Potassium  | 39-2  | 3634     | 3667     | 3559     | 3620     | 1.53   | cps   |
| Rhodium    | 103-1 | 11265548 | 11386774 | 10680171 | 11110831 | 3.40   | cps   |
| Rhodium    | 103-2 | 3201751  | 3115152  | 3269325  | 3195409  | 2.42   | cps   |
| Scandium   | 45-1  | 7506346  | 7650749  | 7170078  | 7442391  | 3.31   | cps   |
| Scandium   | 45-2  | 69813    | 67234    | 68718    | 68588    | 1.89   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 7        | 11       | 6        | 8        | 35.21  | cps   |
| Selenium   | 82-1  | 277      | 275      | 195      | 249      | 18.77  | cps   |
| Silicon    | 28-1  | 433614   | 427495   | 428398   | 429836   | 0.77   | cps   |
| Silver     | 109-1 | 2467     | 2675     | 2575     | 2573     | 4.05   | cps   |
| Silver     | 107-1 | 2650     | 2442     | 2709     | 2600     | 5.39   | cps   |
| Sodium     | 23-2  | 12214    | 11772    | 12064    | 12017    | 1.87   | cps   |
| Strontium  | 86-1  | 1392     | 1300     | 1233     | 1308     | 6.08   | cps   |
| Strontium  | 88-1  | 5826     | 5777     | 6035     | 5879     | 2.33   | cps   |
| Sulfur     | 34-1  | 450107   | 449806   | 445579   | 448497   | 0.56   | cps   |
| Terbium    | 159-1 | 13809615 | 13810337 | 13027052 | 13549001 | 3.34   | cps   |
| Terbium    | 159-2 | 3014763  | 2923541  | 3006057  | 2981454  | 1.69   | cps   |
| Thallium   | 203-1 | 1525     | 1734     | 1567     | 1609     | 6.85   | cps   |
| Thallium   | 205-1 | 4218     | 4226     | 4509     | 4318     | 3.85   | cps   |
| Tin        | 118-1 | 2292     | 2267     | 2117     | 2225     | 4.25   | cps   |
| Titanium   | 47-1  | 1592     | 1734     | 1675     | 1667     | 4.27   | cps   |
| Uranium    | 238-1 | 4201     | 4393     | 4743     | 4445     | 6.18   | cps   |
| Vanadium   | 51-2  | 203      | 193      | 230      | 209      | 9.07   | cps   |
| Yttrium    | 89-1  | 12944363 | 12898469 | 12228775 | 12690536 | 3.16   | cps   |
| Yttrium    | 89-2  | 432147   | 417049   | 435125   | 428107   | 2.26   | cps   |
| Zinc       | 66-2  | 110      | 127      | 137      | 124      | 10.83  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-18         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-18         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:45:17 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4159 | 3842 | 4217 | 4073    | 4.96   | cps   |
| Zirconium | 91-1 | 750  | 1083 | 917  | 917     | 18.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-19         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-19         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:48:37 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 25       | 83       | 61       | 51.63  | cps   |
| Antimony   | 121-1 | 2450     | 2425     | 2425     | 2434     | 0.59   | cps   |
| Arsenic    | 75-2  | 26       | 28       | 26       | 27       | 4.02   | cps   |
| Barium     | 135-1 | 2242     | 2709     | 2692     | 2548     | 10.40  | cps   |
| Barium     | 137-1 | 4209     | 4301     | 4434     | 4315     | 2.62   | cps   |
| Beryllium  | 9-1   | 428      | 394      | 389      | 404      | 5.21   | cps   |
| Bismuth    | 209-1 | 7769816  | 7951670  | 7716540  | 7812675  | 1.58   | cps   |
| Bismuth    | 209-2 | 2290257  | 2217306  | 2281709  | 2263091  | 1.76   | cps   |
| Boron      | 10-1  | 408      | 325      | 383      | 372      | 11.49  | cps   |
| Boron      | 11-1  | 1558     | 1700     | 1517     | 1592     | 6.04   | cps   |
| Cadmium    | 111-1 | 2280     | 2063     | 2022     | 2121     | 6.54   | cps   |
| Cadmium    | 106-1 | 2567     | 2275     | 2242     | 2361     | 7.57   | cps   |
| Cadmium    | 108-1 | 54       | 67       | 50       | 57       | 15.23  | cps   |
| Calcium    | 43-1  | 1550     | 1375     | 1250     | 1392     | 10.83  | cps   |
| Calcium    | 44-1  | 36306    | 35864    | 35646    | 35939    | 0.94   | cps   |
| Chromium   | 52-2  | 940      | 953      | 1000     | 964      | 3.27   | cps   |
| Cobalt     | 59-2  | 693      | 630      | 583      | 636      | 8.69   | cps   |
| Copper     | 63-2  | 1427     | 1357     | 1377     | 1387     | 2.60   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Gadolinium | 160-1 | 75       | 75       | 75       | 75       | 0.00   | cps   |
| Gadolinium | 160-2 | 3        | 13       | 17       | 11       | 62.48  | cps   |
| Holmium    | 165-1 | 13118040 | 13474451 | 13067681 | 13220058 | 1.68   | cps   |
| Holmium    | 165-2 | 3129131  | 3007299  | 3083353  | 3073261  | 2.00   | cps   |
| Indium     | 115-1 | 11630342 | 11886369 | 11390262 | 11635658 | 2.13   | cps   |
| Indium     | 115-2 | 554120   | 533353   | 558527   | 548667   | 2.45   | cps   |
| Iron       | 56-2  | 11188    | 11177    | 10905    | 11090    | 1.45   | cps   |
| Iron       | 57-2  | 339      | 222      | 300      | 287      | 20.70  | cps   |
| Krypton    | 83-1  | 433      | 457      | 413      | 434      | 4.99   | cps   |
| Lead       | 206-1 | 1356     | 1739     | 1617     | 1571     | 12.47  | cps   |
| Lead       | 207-1 | 1417     | 1345     | 1417     | 1393     | 2.99   | cps   |
| Lead       | 208-1 | 6023     | 6284     | 6579     | 6295     | 4.42   | cps   |
| Lithium    | 6-1   | 2036168  | 2038347  | 1995057  | 2023191  | 1.21   | cps   |
| Magnesium  | 24-2  | 1183     | 1317     | 1175     | 1225     | 6.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-19         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-19         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:48:37 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 180      | 203      | 200      | 194      | 6.49   | cps   |
| Molybdenum | 94-1  | 4809     | 4576     | 4784     | 4723     | 2.71   | cps   |
| Molybdenum | 95-1  | 5560     | 5426     | 5476     | 5487     | 1.23   | cps   |
| Molybdenum | 96-1  | 6327     | 5760     | 5768     | 5952     | 5.46   | cps   |
| Molybdenum | 97-1  | 3401     | 3376     | 3409     | 3395     | 0.51   | cps   |
| Molybdenum | 98-1  | 8220     | 8895     | 8903     | 8673     | 4.52   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 0        | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 193      | 200      | 170      | 188      | 8.39   | cps   |
| Phosphorus | 31-2  | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 3767     | 3817     | 3684     | 3756     | 1.79   | cps   |
| Rhodium    | 103-1 | 11234664 | 11465234 | 10986462 | 11228786 | 2.13   | cps   |
| Rhodium    | 103-2 | 3183857  | 3114299  | 3287485  | 3195214  | 2.73   | cps   |
| Scandium   | 45-1  | 7547972  | 7555514  | 7196323  | 7433270  | 2.76   | cps   |
| Scandium   | 45-2  | 69331    | 67700    | 70299    | 69110    | 1.90   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 11       | 2        | 6        | 88.24  | cps   |
| Selenium   | 82-1  | 281      | 266      | 304      | 284      | 6.80   | cps   |
| Silicon    | 28-1  | 428357   | 427375   | 428899   | 428210   | 0.18   | cps   |
| Silver     | 109-1 | 2434     | 2367     | 2800     | 2534     | 9.21   | cps   |
| Silver     | 107-1 | 3017     | 2967     | 2692     | 2892     | 6.05   | cps   |
| Sodium     | 23-2  | 12172    | 12189    | 12614    | 12325    | 2.03   | cps   |
| Strontium  | 86-1  | 1509     | 1634     | 1400     | 1514     | 7.71   | cps   |
| Strontium  | 88-1  | 5835     | 6235     | 5610     | 5893     | 5.38   | cps   |
| Sulfur     | 34-1  | 446485   | 446965   | 444636   | 446029   | 0.28   | cps   |
| Terbium    | 159-1 | 13968160 | 13782425 | 13542582 | 13764389 | 1.55   | cps   |
| Terbium    | 159-2 | 3004687  | 2900072  | 3000952  | 2968570  | 2.00   | cps   |
| Thallium   | 203-1 | 1767     | 1934     | 2017     | 1906     | 6.68   | cps   |
| Thallium   | 205-1 | 4326     | 4868     | 4318     | 4504     | 7.00   | cps   |
| Tin        | 118-1 | 2675     | 2109     | 2167     | 2317     | 13.46  | cps   |
| Titanium   | 47-1  | 1784     | 1750     | 1358     | 1631     | 14.50  | cps   |
| Uranium    | 238-1 | 4784     | 4776     | 4668     | 4743     | 1.37   | cps   |
| Vanadium   | 51-2  | 180      | 223      | 207      | 203      | 10.75  | cps   |
| Yttrium    | 89-1  | 12750201 | 13090024 | 12447359 | 12762528 | 2.52   | cps   |
| Yttrium    | 89-2  | 431051   | 418568   | 431337   | 426985   | 1.71   | cps   |
| Zinc       | 66-2  | 107      | 153      | 120      | 127      | 18.98  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-19         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-19         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:48:37 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4318 | 3934 | 4384 | 4212    | 5.77   | cps   |
| Zirconium | 91-1 | 950  | 958  | 800  | 903     | 9.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-20         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-20         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:51:57 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 67       | 42       | 53       | 24.12  | cps   |
| Antimony   | 121-1 | 2467     | 2509     | 2417     | 2464     | 1.86   | cps   |
| Arsenic    | 75-2  | 24       | 43       | 20       | 29       | 41.04  | cps   |
| Barium     | 135-1 | 2492     | 2809     | 2675     | 2659     | 5.98   | cps   |
| Barium     | 137-1 | 3884     | 4276     | 4859     | 4340     | 11.31  | cps   |
| Beryllium  | 9-1   | 456      | 400      | 489      | 448      | 10.02  | cps   |
| Bismuth    | 209-1 | 7929349  | 7941328  | 7721887  | 7864188  | 1.57   | cps   |
| Bismuth    | 209-2 | 2236300  | 2233141  | 2293215  | 2254219  | 1.50   | cps   |
| Boron      | 10-1  | 400      | 483      | 308      | 397      | 22.04  | cps   |
| Boron      | 11-1  | 1583     | 1592     | 1784     | 1653     | 6.85   | cps   |
| Cadmium    | 111-1 | 2331     | 2199     | 2177     | 2235     | 3.72   | cps   |
| Cadmium    | 106-1 | 2617     | 2467     | 2384     | 2489     | 4.75   | cps   |
| Cadmium    | 108-1 | 79       | 58       | 42       | 60       | 31.46  | cps   |
| Calcium    | 43-1  | 1358     | 1267     | 1500     | 1375     | 8.55   | cps   |
| Calcium    | 44-1  | 36515    | 35438    | 36432    | 36128    | 1.66   | cps   |
| Chromium   | 52-2  | 963      | 950      | 1033     | 982      | 4.56   | cps   |
| Cobalt     | 59-2  | 667      | 773      | 723      | 721      | 7.40   | cps   |
| Copper     | 63-2  | 1370     | 1363     | 1453     | 1396     | 3.59   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 0        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 42       | 50       | 58       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 13       | 17       | 7        | 12       | 41.65  | cps   |
| Gadolinium | 160-1 | 50       | 100      | 117      | 89       | 39.03  | cps   |
| Gadolinium | 160-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Holmium    | 165-1 | 12963067 | 13346340 | 12962879 | 13090762 | 1.69   | cps   |
| Holmium    | 165-2 | 3099473  | 3035788  | 3114471  | 3083244  | 1.35   | cps   |
| Indium     | 115-1 | 11708102 | 11747796 | 11333862 | 11596587 | 1.97   | cps   |
| Indium     | 115-2 | 550241   | 545860   | 555751   | 550617   | 0.90   | cps   |
| Iron       | 56-2  | 11133    | 12557    | 11088    | 11593    | 7.21   | cps   |
| Iron       | 57-2  | 267      | 389      | 228      | 294      | 28.55  | cps   |
| Krypton    | 83-1  | 403      | 397      | 453      | 418      | 7.41   | cps   |
| Lead       | 206-1 | 1583     | 1445     | 1533     | 1521     | 4.63   | cps   |
| Lead       | 207-1 | 1289     | 1378     | 1372     | 1346     | 3.70   | cps   |
| Lead       | 208-1 | 6034     | 6151     | 6034     | 6073     | 1.11   | cps   |
| Lithium    | 6-1   | 2023975  | 2076421  | 1995044  | 2031813  | 2.03   | cps   |
| Magnesium  | 24-2  | 1275     | 1542     | 1317     | 1378     | 10.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-20         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-20         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:51:57 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 220      | 200      | 230      | 217      | 7.05   | cps   |
| Molybdenum | 94-1  | 4668     | 4384     | 4468     | 4507     | 3.23   | cps   |
| Molybdenum | 95-1  | 5401     | 5601     | 4935     | 5312     | 6.44   | cps   |
| Molybdenum | 96-1  | 6127     | 5810     | 5935     | 5957     | 2.68   | cps   |
| Molybdenum | 97-1  | 3634     | 3509     | 3384     | 3509     | 3.56   | cps   |
| Molybdenum | 98-1  | 8420     | 8878     | 8411     | 8570     | 3.12   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 177      | 233      | 207      | 206      | 13.79  | cps   |
| Phosphorus | 31-2  | 33       | 8        | 17       | 19       | 65.48  | cps   |
| Potassium  | 39-2  | 3676     | 3884     | 3576     | 3712     | 4.24   | cps   |
| Rhodium    | 103-1 | 11003184 | 11411931 | 11009549 | 11141555 | 2.10   | cps   |
| Rhodium    | 103-2 | 3220189  | 3171373  | 3245456  | 3212339  | 1.17   | cps   |
| Scandium   | 45-1  | 7462694  | 7523358  | 7376280  | 7454111  | 0.99   | cps   |
| Scandium   | 45-2  | 68808    | 67804    | 70300    | 68971    | 1.82   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 11       | 13       | 7        | 10       | 26.93  | cps   |
| Selenium   | 82-1  | 337      | 306      | 216      | 286      | 22.04  | cps   |
| Silicon    | 28-1  | 430445   | 431699   | 430717   | 430954   | 0.15   | cps   |
| Silver     | 109-1 | 2342     | 2609     | 2609     | 2520     | 6.11   | cps   |
| Silver     | 107-1 | 2759     | 2800     | 2825     | 2795     | 1.21   | cps   |
| Sodium     | 23-2  | 11889    | 11906    | 13090    | 12295    | 5.60   | cps   |
| Strontium  | 86-1  | 1508     | 1292     | 1283     | 1361     | 9.37   | cps   |
| Strontium  | 88-1  | 6435     | 5818     | 6160     | 6138     | 5.04   | cps   |
| Sulfur     | 34-1  | 452927   | 448153   | 451118   | 450732   | 0.53   | cps   |
| Terbium    | 159-1 | 13662416 | 13971870 | 13449162 | 13694483 | 1.92   | cps   |
| Terbium    | 159-2 | 2961882  | 2929109  | 3015415  | 2968802  | 1.47   | cps   |
| Thallium   | 203-1 | 1625     | 1784     | 1900     | 1770     | 7.80   | cps   |
| Thallium   | 205-1 | 4526     | 4434     | 4743     | 4568     | 3.47   | cps   |
| Tin        | 118-1 | 2317     | 2059     | 2509     | 2295     | 9.84   | cps   |
| Titanium   | 47-1  | 1600     | 1734     | 1500     | 1611     | 7.27   | cps   |
| Uranium    | 238-1 | 4868     | 4910     | 4684     | 4821     | 2.48   | cps   |
| Vanadium   | 51-2  | 163      | 177      | 267      | 202      | 27.80  | cps   |
| Yttrium    | 89-1  | 12528596 | 12990701 | 12538932 | 12686076 | 2.08   | cps   |
| Yttrium    | 89-2  | 429822   | 426637   | 433939   | 430133   | 0.85   | cps   |
| Zinc       | 66-2  | 77       | 133      | 147      | 119      | 31.26  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-20         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-20         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:51:57 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4067 | 4051 | 3859 | 3992    | 2.90   | cps   |
| Zirconium | 91-1 | 850  | 758  | 1000 | 870     | 14.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-21         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-21         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:55:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 42       | 50       | 117      | 69       | 59.19  | cps   |
| Antimony   | 121-1 | 2509     | 2350     | 2425     | 2428     | 3.26   | cps   |
| Arsenic    | 75-2  | 11       | 28       | 30       | 23       | 44.66  | cps   |
| Barium     | 135-1 | 2367     | 2450     | 2200     | 2339     | 5.44   | cps   |
| Barium     | 137-1 | 4143     | 4026     | 3867     | 4012     | 3.44   | cps   |
| Beryllium  | 9-1   | 433      | 361      | 372      | 389      | 10.00  | cps   |
| Bismuth    | 209-1 | 8037868  | 8148460  | 7940209  | 8042179  | 1.30   | cps   |
| Bismuth    | 209-2 | 2329957  | 2158999  | 2351202  | 2280053  | 4.62   | cps   |
| Boron      | 10-1  | 367      | 450      | 400      | 406      | 10.34  | cps   |
| Boron      | 11-1  | 1500     | 1617     | 1642     | 1586     | 4.77   | cps   |
| Cadmium    | 111-1 | 2086     | 2201     | 2374     | 2220     | 6.53   | cps   |
| Cadmium    | 106-1 | 2275     | 2517     | 2509     | 2434     | 5.64   | cps   |
| Cadmium    | 108-1 | 75       | 88       | 46       | 69       | 30.79  | cps   |
| Calcium    | 43-1  | 1392     | 1342     | 1200     | 1311     | 7.58   | cps   |
| Calcium    | 44-1  | 35914    | 36122    | 35872    | 35969    | 0.37   | cps   |
| Chromium   | 52-2  | 993      | 943      | 973      | 970      | 2.59   | cps   |
| Cobalt     | 59-2  | 693      | 643      | 673      | 670      | 3.76   | cps   |
| Copper     | 63-2  | 1297     | 1220     | 1373     | 1297     | 5.91   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 42       | 50       | 42       | 44       | 10.82  | cps   |
| Erbium     | 164-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 108      | 92       | 75       | 92       | 18.18  | cps   |
| Gadolinium | 160-2 | 13       | 7        | 10       | 10       | 33.30  | cps   |
| Holmium    | 165-1 | 13427072 | 13756973 | 13004023 | 13396023 | 2.82   | cps   |
| Holmium    | 165-2 | 3155239  | 2977782  | 3232529  | 3121850  | 4.18   | cps   |
| Indium     | 115-1 | 12076583 | 12261582 | 11847272 | 12061812 | 1.72   | cps   |
| Indium     | 115-2 | 566553   | 528794   | 574523   | 556623   | 4.39   | cps   |
| Iron       | 56-2  | 10810    | 10955    | 10966    | 10910    | 0.80   | cps   |
| Iron       | 57-2  | 300      | 244      | 311      | 285      | 12.52  | cps   |
| Krypton    | 83-1  | 440      | 430      | 433      | 434      | 1.17   | cps   |
| Lead       | 206-1 | 1350     | 1445     | 1500     | 1432     | 5.30   | cps   |
| Lead       | 207-1 | 1328     | 1361     | 1350     | 1346     | 1.26   | cps   |
| Lead       | 208-1 | 5890     | 6101     | 6023     | 6004     | 1.78   | cps   |
| Lithium    | 6-1   | 2046747  | 2121903  | 2074621  | 2081090  | 1.83   | cps   |
| Magnesium  | 24-2  | 1183     | 1208     | 1383     | 1258     | 8.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-21         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-21         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:55:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 177      | 163      | 190      | 177      | 7.55   | cps   |
| Molybdenum | 94-1  | 4168     | 4268     | 4651     | 4362     | 5.85   | cps   |
| Molybdenum | 95-1  | 4784     | 5093     | 4960     | 4946     | 3.13   | cps   |
| Molybdenum | 96-1  | 5635     | 5843     | 5843     | 5774     | 2.09   | cps   |
| Molybdenum | 97-1  | 3192     | 3025     | 3301     | 3173     | 4.37   | cps   |
| Molybdenum | 98-1  | 8286     | 8520     | 7886     | 8231     | 3.89   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 243      | 217      | 227      | 229      | 5.89   | cps   |
| Phosphorus | 31-2  | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 3642     | 3642     | 3459     | 3581     | 2.96   | cps   |
| Rhodium    | 103-1 | 11551730 | 11743546 | 11455587 | 11583621 | 1.27   | cps   |
| Rhodium    | 103-2 | 3291828  | 3134572  | 3314972  | 3247124  | 3.02   | cps   |
| Scandium   | 45-1  | 7694805  | 7745849  | 7695965  | 7712206  | 0.38   | cps   |
| Scandium   | 45-2  | 71609    | 66529    | 70286    | 69475    | 3.79   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 6        | 4        | 3        | 91.69  | cps   |
| Selenium   | 82-1  | 241      | 291      | 263      | 265      | 9.36   | cps   |
| Silicon    | 28-1  | 433667   | 433690   | 434143   | 433833   | 0.06   | cps   |
| Silver     | 109-1 | 2642     | 2392     | 2692     | 2575     | 6.24   | cps   |
| Silver     | 107-1 | 2450     | 2575     | 2475     | 2500     | 2.65   | cps   |
| Sodium     | 23-2  | 11730    | 11930    | 12181    | 11947    | 1.89   | cps   |
| Strontium  | 86-1  | 1358     | 1475     | 1550     | 1461     | 6.61   | cps   |
| Strontium  | 88-1  | 5893     | 5927     | 5860     | 5893     | 0.57   | cps   |
| Sulfur     | 34-1  | 456814   | 453703   | 457778   | 456098   | 0.47   | cps   |
| Terbium    | 159-1 | 13982242 | 14465056 | 13756066 | 14067788 | 2.57   | cps   |
| Terbium    | 159-2 | 3074419  | 2880835  | 3120671  | 3025308  | 4.21   | cps   |
| Thallium   | 203-1 | 1567     | 1967     | 1742     | 1759     | 11.40  | cps   |
| Thallium   | 205-1 | 4043     | 4143     | 4226     | 4137     | 2.22   | cps   |
| Tin        | 118-1 | 2017     | 2400     | 2100     | 2172     | 9.28   | cps   |
| Titanium   | 47-1  | 1492     | 1675     | 2025     | 1731     | 15.66  | cps   |
| Uranium    | 238-1 | 4509     | 4626     | 4743     | 4626     | 2.52   | cps   |
| Vanadium   | 51-2  | 180      | 173      | 163      | 172      | 4.87   | cps   |
| Yttrium    | 89-1  | 12979171 | 13238142 | 13002035 | 13073116 | 1.10   | cps   |
| Yttrium    | 89-2  | 443774   | 415123   | 445631   | 434843   | 3.93   | cps   |
| Zinc       | 66-2  | 113      | 87       | 70       | 90       | 24.29  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | SOIL MDL-21         | Instrumnet Name : | P8        |
| Client Sample ID :      | SOIL MDL-21         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 17:55:17 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4126 | 3867 | 3859 | 3951    | 3.84   | cps   |
| Zirconium | 91-1 | 942  | 817  | 867  | 875     | 7.19   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV097              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV097              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 18:11:30 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 363307   | 364609   | 364444   | 364120   | 0.19   | cps   |
| Antimony   | 121-1 | 4258100  | 4274505  | 4239611  | 4257405  | 0.41   | cps   |
| Arsenic    | 75-2  | 52282    | 52159    | 53113    | 52518    | 0.99   | cps   |
| Barium     | 135-1 | 4290015  | 4336443  | 4249835  | 4292098  | 1.01   | cps   |
| Barium     | 137-1 | 7412671  | 7528055  | 7414655  | 7451794  | 0.89   | cps   |
| Beryllium  | 9-1   | 615965   | 615418   | 610981   | 614121   | 0.45   | cps   |
| Bismuth    | 209-1 | 8061214  | 7982966  | 8034476  | 8026218  | 0.50   | cps   |
| Bismuth    | 209-2 | 2264010  | 2262189  | 2326359  | 2284186  | 1.60   | cps   |
| Boron      | 10-1  | 68732    | 71387    | 72567    | 70895    | 2.77   | cps   |
| Boron      | 11-1  | 326158   | 334280   | 342172   | 334203   | 2.40   | cps   |
| Cadmium    | 111-1 | 903302   | 909992   | 904006   | 905767   | 0.41   | cps   |
| Cadmium    | 106-1 | 96452    | 96201    | 98342    | 96998    | 1.21   | cps   |
| Cadmium    | 108-1 | 64085    | 65023    | 67087    | 65398    | 2.35   | cps   |
| Calcium    | 43-1  | 5077669  | 5088406  | 5056941  | 5074339  | 0.32   | cps   |
| Calcium    | 44-1  | 83630229 | 84642939 | 83934202 | 84069123 | 0.62   | cps   |
| Chromium   | 52-2  | 488095   | 487740   | 491620   | 489152   | 0.44   | cps   |
| Cobalt     | 59-2  | 947128   | 945812   | 947978   | 946973   | 0.12   | cps   |
| Copper     | 63-2  | 1615939  | 1610787  | 1596330  | 1607685  | 0.63   | cps   |
| Dysprosium | 156-1 | 75       | 75       | 58       | 69       | 13.85  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 13       | 14       | 13.35  | cps   |
| Erbium     | 164-1 | 58       | 67       | 67       | 64       | 7.53   | cps   |
| Erbium     | 164-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 142      | 75       | 100      | 106      | 31.91  | cps   |
| Gadolinium | 160-2 | 23       | 17       | 27       | 22       | 22.91  | cps   |
| Holmium    | 165-1 | 14033314 | 14101596 | 13947660 | 14027523 | 0.55   | cps   |
| Holmium    | 165-2 | 3213588  | 3226923  | 3300899  | 3247137  | 1.45   | cps   |
| Indium     | 115-1 | 11678090 | 11872301 | 11647493 | 11732628 | 1.04   | cps   |
| Indium     | 115-2 | 546124   | 548631   | 554712   | 549822   | 0.80   | cps   |
| Iron       | 56-2  | 76829191 | 76970746 | 76306946 | 76702294 | 0.46   | cps   |
| Iron       | 57-2  | 1946472  | 1952703  | 1967804  | 1955660  | 0.56   | cps   |
| Krypton    | 83-1  | 450      | 440      | 413      | 434      | 4.36   | cps   |
| Lead       | 206-1 | 2360317  | 2359610  | 2332025  | 2350651  | 0.69   | cps   |
| Lead       | 207-1 | 2138605  | 2156196  | 2161012  | 2151938  | 0.55   | cps   |
| Lead       | 208-1 | 9558205  | 9638399  | 9648554  | 9615053  | 0.51   | cps   |
| Lithium    | 6-1   | 1992109  | 2007206  | 2003746  | 2001020  | 0.40   | cps   |
| Magnesium  | 24-2  | 8553454  | 8611561  | 8563380  | 8576132  | 0.36   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV097              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV097              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 18:11:30 | DataFile Name :   | 036CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 266167   | 267305   | 268062   | 267178   | 0.36   | cps   |
| Molybdenum | 94-1  | 7419805  | 7492384  | 7512243  | 7474811  | 0.65   | cps   |
| Molybdenum | 95-1  | 9139874  | 9256775  | 9133200  | 9176616  | 0.76   | cps   |
| Molybdenum | 96-1  | 10203492 | 10278342 | 10239479 | 10240437 | 0.37   | cps   |
| Molybdenum | 97-1  | 5765612  | 5819728  | 5822319  | 5802553  | 0.55   | cps   |
| Molybdenum | 98-1  | 14790840 | 14781593 | 14608649 | 14727028 | 0.70   | cps   |
| Neodymium  | 150-1 | 193      | 200      | 160      | 184      | 11.62  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Nickel     | 60-2  | 283771   | 279880   | 279490   | 281047   | 0.84   | cps   |
| Phosphorus | 31-2  | 5235     | 5093     | 5235     | 5187     | 1.58   | cps   |
| Potassium  | 39-2  | 2451478  | 2440794  | 2455614  | 2449296  | 0.31   | cps   |
| Rhodium    | 103-1 | 11093851 | 11179156 | 10919311 | 11064106 | 1.20   | cps   |
| Rhodium    | 103-2 | 3074264  | 3122856  | 3128447  | 3108522  | 0.96   | cps   |
| Scandium   | 45-1  | 7525115  | 7634569  | 7644610  | 7601432  | 0.87   | cps   |
| Scandium   | 45-2  | 69639    | 70394    | 70293    | 70109    | 0.58   | cps   |
| Selenium   | 77-2  | 380      | 410      | 333      | 374      | 10.32  | cps   |
| Selenium   | 78-2  | 1415     | 1307     | 1363     | 1362     | 3.94   | cps   |
| Selenium   | 82-1  | 59120    | 59017    | 59232    | 59123    | 0.18   | cps   |
| Silicon    | 28-1  | 2270746  | 2302154  | 2315248  | 2296049  | 1.00   | cps   |
| Silver     | 109-1 | 4242114  | 4267676  | 4260184  | 4256658  | 0.31   | cps   |
| Silver     | 107-1 | 4450066  | 4458205  | 4526175  | 4478149  | 0.93   | cps   |
| Sodium     | 23-2  | 20343753 | 20104800 | 20440033 | 20296196 | 0.85   | cps   |
| Strontium  | 86-1  | 1211034  | 1227471  | 1224320  | 1220942  | 0.71   | cps   |
| Strontium  | 88-1  | 10352471 | 10535605 | 10625608 | 10504562 | 1.33   | cps   |
| Sulfur     | 34-1  | 743656   | 744025   | 737246   | 741642   | 0.51   | cps   |
| Terbium    | 159-1 | 14659874 | 14693093 | 14719298 | 14690755 | 0.20   | cps   |
| Terbium    | 159-2 | 3123997  | 3111290  | 3179674  | 3138320  | 1.16   | cps   |
| Thallium   | 203-1 | 2911952  | 2943649  | 2904824  | 2920141  | 0.71   | cps   |
| Thallium   | 205-1 | 6748823  | 6833536  | 6818173  | 6800177  | 0.66   | cps   |
| Tin        | 118-1 | 2911697  | 2949501  | 2910544  | 2923914  | 0.76   | cps   |
| Titanium   | 47-1  | 2591692  | 2605299  | 2591216  | 2596069  | 0.31   | cps   |
| Uranium    | 238-1 | 8693882  | 8600669  | 8585247  | 8626599  | 0.68   | cps   |
| Vanadium   | 51-2  | 348246   | 349204   | 349659   | 349037   | 0.21   | cps   |
| Yttrium    | 89-1  | 13073725 | 13237649 | 13194143 | 13168505 | 0.64   | cps   |
| Yttrium    | 89-2  | 437777   | 439156   | 442233   | 439722   | 0.52   | cps   |
| Zinc       | 66-2  | 143937   | 143258   | 142547   | 143247   | 0.49   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB95676             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV097              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV097              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-05-25 18:11:30 | DataFile Name :   | 036CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6394779 | 6392517 | 6367733 | 6385010 | 0.23   | cps   |
| Zirconium | 91-1 | 1422193 | 1437942 | 1398380 | 1419505 | 1.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB097              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB097              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 18:19:39 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 25       | 50       | 47       | 44.41  | cps   |
| Antimony   | 121-1 | 2309     | 2000     | 1809     | 2039     | 12.37  | cps   |
| Arsenic    | 75-2  | 4        | 2        | 2        | 2        | 43.30  | cps   |
| Barium     | 135-1 | 42       | 83       | 83       | 69       | 34.64  | cps   |
| Barium     | 137-1 | 100      | 92       | 133      | 108      | 20.35  | cps   |
| Beryllium  | 9-1   | 61       | 89       | 44       | 65       | 34.64  | cps   |
| Bismuth    | 209-1 | 8324460  | 7983791  | 7797037  | 8035096  | 3.33   | cps   |
| Bismuth    | 209-2 | 2256935  | 2304702  | 2326298  | 2295978  | 1.55   | cps   |
| Boron      | 10-1  | 625      | 733      | 508      | 622      | 18.08  | cps   |
| Boron      | 11-1  | 3167     | 3401     | 2709     | 3092     | 11.38  | cps   |
| Cadmium    | 111-1 | 1706     | 1711     | 1579     | 1665     | 4.48   | cps   |
| Cadmium    | 106-1 | 2425     | 2384     | 2225     | 2345     | 4.50   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 17       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 733      | 792      | 733      | 753      | 4.47   | cps   |
| Calcium    | 44-1  | 27428    | 27754    | 27403    | 27528    | 0.71   | cps   |
| Chromium   | 52-2  | 640      | 727      | 717      | 694      | 6.83   | cps   |
| Cobalt     | 59-2  | 77       | 70       | 123      | 90       | 32.29  | cps   |
| Copper     | 63-2  | 347      | 453      | 383      | 394      | 13.74  | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 67       | 25       | 42       | 52.92  | cps   |
| Erbium     | 164-2 | 13       | 3        | 7        | 8        | 65.47  | cps   |
| Gadolinium | 160-1 | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Gadolinium | 160-2 | 13       | 20       | 13       | 16       | 24.76  | cps   |
| Holmium    | 165-1 | 13673681 | 13449564 | 13290429 | 13471225 | 1.43   | cps   |
| Holmium    | 165-2 | 3010860  | 3120987  | 3181122  | 3104323  | 2.78   | cps   |
| Indium     | 115-1 | 12245623 | 11710084 | 11674104 | 11876604 | 2.70   | cps   |
| Indium     | 115-2 | 541700   | 559335   | 561469   | 554168   | 1.96   | cps   |
| Iron       | 56-2  | 2489     | 2584     | 2767     | 2613     | 5.41   | cps   |
| Iron       | 57-2  | 61       | 56       | 78       | 65       | 17.84  | cps   |
| Krypton    | 83-1  | 410      | 457      | 500      | 456      | 9.88   | cps   |
| Lead       | 206-1 | 261      | 278      | 372      | 304      | 19.73  | cps   |
| Lead       | 207-1 | 250      | 306      | 300      | 285      | 10.73  | cps   |
| Lead       | 208-1 | 1100     | 1100     | 1272     | 1157     | 8.59   | cps   |
| Lithium    | 6-1   | 2091261  | 2024692  | 2024609  | 2046854  | 1.88   | cps   |
| Magnesium  | 24-2  | 342      | 333      | 300      | 325      | 6.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB097              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB097              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 18:19:39 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 43       | 27       | 30       | 33       | 26.45   | cps   |
| Molybdenum | 94-1  | 992      | 992      | 875      | 953      | 7.07    | cps   |
| Molybdenum | 95-1  | 558      | 750      | 667      | 658      | 14.60   | cps   |
| Molybdenum | 96-1  | 825      | 883      | 850      | 853      | 3.43    | cps   |
| Molybdenum | 97-1  | 450      | 333      | 517      | 433      | 21.42   | cps   |
| Molybdenum | 98-1  | 1192     | 1100     | 1192     | 1161     | 4.56    | cps   |
| Neodymium  | 150-1 | 0        | 27       | 7        | 11       | 124.89  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 40       | 33       | 27       | 33       | 20.00   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 17       | 8        | 100.02  | cps   |
| Potassium  | 39-2  | 3584     | 3751     | 3276     | 3537     | 6.82    | cps   |
| Rhodium    | 103-1 | 11627472 | 11365820 | 11262381 | 11418558 | 1.65    | cps   |
| Rhodium    | 103-2 | 3134508  | 3220893  | 3288307  | 3214569  | 2.40    | cps   |
| Scandium   | 45-1  | 7605667  | 7462962  | 7374473  | 7481034  | 1.56    | cps   |
| Scandium   | 45-2  | 67817    | 68527    | 69613    | 68652    | 1.32    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 0        | 2        | 0        | 1        | 173.21  | cps   |
| Selenium   | 82-1  | 49       | -26      | -61      | -12      | -454.29 | cps   |
| Silicon    | 28-1  | 424132   | 424375   | 420081   | 422863   | 0.57    | cps   |
| Silver     | 109-1 | 217      | 258      | 250      | 242      | 9.12    | cps   |
| Silver     | 107-1 | 258      | 275      | 233      | 256      | 8.20    | cps   |
| Sodium     | 23-2  | 11122    | 10863    | 11063    | 11016    | 1.23    | cps   |
| Strontium  | 86-1  | 675      | 508      | 683      | 622      | 15.87   | cps   |
| Strontium  | 88-1  | 175      | 167      | 217      | 186      | 14.39   | cps   |
| Sulfur     | 34-1  | 436982   | 433444   | 437866   | 436097   | 0.54    | cps   |
| Terbium    | 159-1 | 14467157 | 14017442 | 13730276 | 14071625 | 2.64    | cps   |
| Terbium    | 159-2 | 2939429  | 3037801  | 3094363  | 3023864  | 2.59    | cps   |
| Thallium   | 203-1 | 467      | 300      | 392      | 386      | 21.62   | cps   |
| Thallium   | 205-1 | 1042     | 958      | 967      | 989      | 4.64    | cps   |
| Tin        | 118-1 | 975      | 967      | 1083     | 1008     | 6.45    | cps   |
| Titanium   | 47-1  | 175      | 200      | 250      | 208      | 18.33   | cps   |
| Uranium    | 238-1 | 75       | 92       | 100      | 89       | 14.32   | cps   |
| Vanadium   | 51-2  | 20       | 17       | 30       | 22       | 31.22   | cps   |
| Yttrium    | 89-1  | 13268222 | 12801071 | 12640899 | 12903398 | 2.53    | cps   |
| Yttrium    | 89-2  | 425773   | 431529   | 441547   | 432950   | 1.84    | cps   |
| Zinc       | 66-2  | 30       | 17       | 20       | 22       | 31.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB95676             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB097              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB097              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-05-25 18:19:39 | DataFile Name :   | 037CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1567 | 1408 | 1484 | 1486    | 5.33   | cps   |
| Zirconium | 91-1 | 317  | 400  | 292  | 336     | 16.87  | cps   |